大数理论 Vol.3 大数数学常用表

曹知秋

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我的命题应当是以如下方式来起阐明作用的:任何理解我的人,当他以这些命题 为梯级而超越了它们时,就会终于认识到它们是无意义的。可以说,在登上高处 之后,他必须将梯子扔掉。

他必须超越这些命题, 然后他就会正确地看待世界。

---- Wittgenstein

前言

本讲义讨论有关于大自然数的数学理论。这一分支的英文名为 Googology, 意为"研究 Googol(即 10¹⁰⁰, 泛指各种大数)的理论",中文通常译作"大数数学"或"大数学"。大数数学的目标是尽可能地表示出更大的自然数,或者更恰当地说,发明一些更好的表示法,使得能够在有限的代价之内表示出更大的自然数。

大数数学与集合论的关系非常密切。这是因为大数记号总可以被视为一个数列,而我们 又可以以一种恰当的方式将大数数列的增长率与集合中的序数对应起来。这样,研究大数 的问题就转化为了研究快速增长的数列的问题,进而转化为了集合论中的大序数问题,这一 研究范式一直主宰着大数领域的研究至今。

尽管人类对数的认识已经持续了几千年之久,但是大数数学作为一个独立分支的发展仅仅不过几十年的时间。从这一点上说,大数数学仍然是一个不成熟的分支。目前来看,大数数学的基础并不牢靠,其中仍然存在着大量悬而未决的开放问题,大数表示法也还远远没有达到可能的极限。并且这一领域长期以来并未得到数学界的重视,专业数学家在此之上的工作进展不多。(序数分析领域与大数数学有一些共同的目标,但是二者的研究方法很不相同,并且至今仍然缺乏交流。)但与之相对应的是,随着互联网的发展,大数问题吸引了大量业余数学爱好者的兴趣,并逐渐形成了一个非正式的数学社群和亚文化群体,大量关于此领域的进展以非正式的形式发表在了互联网上。在这一社群的推动下,人们对大数数学的认识正变得越来越深刻。

长期以来,关于大数数学的进展少有发表于正式的学术期刊,而是散见于网络的各处,并且鱼龙混杂、良莠不齐。这既不便于查阅,又有碍于大数数学的进一步发展。在大数社群中,许多人对于大数数学仍然仅仅具有非常模糊的认识。他们迫切需要一份合适的参考资料,以帮助他们进一步加深对于大数数学的理解。目前海内外尚缺乏关于大数数学的正式参考书,也不多见系统性地介绍大数数学的文章。因此,编写一份关于大数数学的讲义,不仅仅是必要的,而且也是有意义的。

本讲义深入浅出地介绍了大数数学的主要内容,并系统性地介绍了近年来的一些重要进展。由于篇幅过长,目前《大数理论》已经拆分成了四卷本,其中第一卷包含从绪论到不可定义数的内容,第二卷包含大数相关专题,第三卷包含大数数学常用表,第四卷是一些零散的资料。其中第一卷是整个大数数学最核心的内容,后三卷可以根据需要进行查阅。在编写时,作者力求使得第一部分讲解详细,逻辑清楚,适于读者全面地了解大数数学相关的内容。第二卷、第三卷以及第四卷则力求尽可能全面地包含大数数学发展至今有价值的结果,同时包含了大量的分析细节,方便读者查阅。

接下来我们分别介绍四卷本所包含的内容。

第一卷中包含大数数学中最为重要的内容,同时它也构成了大数数学发展的一条主线。在"绪论"一章中,我们简要地介绍了大数领域的研究内容、历史以及意义。在"初等递归记号"一章中,我们介绍了经典的大数记号,并引入了递归的思想,这些运算超越了指数塔

的层次,真正进入到了大数的世界之中。为了系统性地研究大数记号的增长率,我们在"增长率"一章中引入了将大数函数与序数对应起来的方法,这样就可以通过对序数的研究来理解大数函数。

既然已经将大数函数与序数对应起来,那么接下来就可以专心于序数本身的研究。若我们考虑的是可计算函数(递归函数),则只需讨论递归序数。在"序数不动点"一章的研究之中,我们考察了序数映射的不动点,并利用 Veblen 函数对不动点进行了枚举。在"序数折叠函数(一)"一章之中,我们考虑了一种将非递归序数映射为更大的递归序数的方法,这实际上类似于增长层次中将递归序数映射为自然数的方法。利用这种方法,我们就可以得到更大的递归序数,进而得到更大的自然数。而在"大数相关问题(一)"一章之中,我们介绍了从其他数学问题之中涌现出的大数,并介绍序数在这些问题之中的应用。

由于序数折叠函数给出了从非递归序数到递归序数的映射,因此要想得到更大的递归序数,我们需要讨论更大的非递归序数。作为铺垫,在"集合论"一章中我们更严格地介绍了公理化集合体系,而在"形式逻辑"一章之中我们简要地介绍了形式逻辑的相关知识。接下来我们在"反射序数"、"稳定序数"两章之中介绍了利用集合论中的反射序数与稳定序数构建大的非递归序数的方法。尽管投影序数并未完全良定义,但是我们期望它可以形式地表示出一些更大的序数,我们在"投影序数"一章中介绍了相关内容。

除了利用序数折叠函数将非递归序数折叠为大的递归序数,我们也可以直接利用递归的方式来构建大的递归序数。通过对初等序列进行多行推广和阶差推广,我们得到了 Bashicu 矩阵与 Y 序列。它们是目前最强大的成熟递归记号体系,我们在"Bashicu 矩阵"与"Y 序列"两章中对其进行了介绍。同时我们也在这两章之中介绍了它们的一些推广。

证明论之中给出了更大的证明论序数,它与公理系统的强度密切相关,我们在"证明论序数"一章中对此给出了简要的介绍。在 ZFC 集合论中添加大基数公理可以得到更强大的公理体系,我们在"大基数(一)/(二)"两章中对此进行了介绍,它们可供对集合论与大基数理论感兴趣的读者参考。在"大数相关问题(二)"一章之中,我们介绍了一些证明论序数级别的大数。

在"可计算性理论"中,我们介绍了可计算性理论的相关内容。紧接着在"不可计算数"一章之中,我们考察了一系列非递归函数,它们的增长率超越了一切的递归函数。在"不可定义数"一章之中,我们讨论了以 Rayo 函数为代表的不可定义数,这是目前最为强大的大数记号。在所有的大数增长率之上,是第一个不可数序数 ω_1 ,它是整个大数数学真正的终点。

第二卷涉及到大数数学之中的一些其他问题,它们是对大数数学发展主线的补充。长期以来大数数学严格化的发展一直不充分,"严格化工作"一部分是对迄今为止严格化尝试的收集。在"良序性证明"一章之中,我们给出了迄今为止的一些记号良序性(停机性)证明的结果,同时介绍了日本研究者的"变换映射"理论。在"形式化大数数学"一章之中,我们介绍了利用形式化证明语言编码大递归序数体系的尝试。在"序数折叠函数(二)"一章之中,我们介绍了在序数分析领域中发展的序数折叠函数,这些函数具有较为严格的集合论背景。在"大数相关问题(三)"一章之中,我们介绍了一些大数相关问题上界和下界的严格证明结果。

"历史记号"一部分介绍了曾经在大数数学发展历史之中起到了重要作用、但是现如今却被淘汰的记号体系。在"初等递归记号(二)"一章之中,我们介绍了大数数学发展早期的一些弱小的初等记号。"E#记号"、"BEAF数阵"和"Bird数阵"是大数数学发展早期最为重要的三大记号,我们在对应的三个章节中介绍了其规则以及扩展。"美元记号"一章介

绍了美元记号的规则。"强数阵"一章介绍了 HypCos 提出的含有 dropping 结构的数阵记号。"Aarex 超强数阵"一章介绍了 Aarex 提出的数阵记号。"Username's OCF"一章介绍了 Username's OCF,它是大数数学领域不严格的反射 OCF 的早期尝试。"Taranovski 序数记号"一章介绍了 Taranovski 序数记号,它是大数数学发展中期的一个重要序数记号。"超越 Rayo 数的记号"介绍了大数数学中一些不良定义的超越 Rayo 数的尝试。

"大数数学专题"一部分收集了一系列大数数学相关的话题。"解析与层次"一章收录了与增长层次相关的一系列零散结果。"Worm 型记号行为"一章收录了与 Worm 型记号相关的一系列大型分析结果。"游戏与大数"一章收录了一部分与游戏相关的结果。"集合论名词"一章收录了一部分集合论中的名词解释。

"记号前沿"一部分收录了迄今为止记号构造领域的前沿结果。"更高的非递归序数"一章收录了目前对于非递归序数结构的前沿探索。"序列性记号扩展"收录了在 Worm 型记号体系之内扩展的一些尝试。"传递型记号"收录了在传递理论的指导下,一些超越 Worm 型记号的尝试。"其他记号"收录了一些脱离目前大数数学研究主线的尝试。

第三卷系统性地总结了大数数学的常见结果,并汇编成表,供读者查阅。附录"递归序数表"从小到大列举了一系列重要的递归序数节点,并给出了不同主流记号之间的对应关系。附录"重要大数记号和序数记号"按照从小到大的顺序列举了一系列重要的记号及其极限。附录"可数非递归序数表"从小到大列举了一系列重要的非递归序数节点。附录"证明论序数表"列举了一系列公理体系的证明论序数。附录"有名字的序数"列举了一系列重要序数的名字以及取值。附录"大基数表"列举了一系列大基数。附录"不同时期记号排名"列举了不同时期中最强大的一系列大数记号和序数记号的排名。附录"直接引用或者翻译的文献"列举了讲义中直接引用或者翻译的资料。

第四卷中包含了一些过于冗长的零散材料。附录"习题"提供了一部分大数数学相关的习题并配有答案,供读者参考。附录"大数相关程序"列举了大数数学领域以及一些相应的结果。附录"有名字的大数"列举了一些有名字的大数。附录"大型分析"列举了一些过于冗长的分析结果。

本讲义的篇幅较长,包含了许多不同的内容。其中第一卷的内容相对重要且成体系,后三卷的内容可以按需要进行查阅。而即使是第一卷,对于初学者来说,许多内容也是不需要完全掌握的。如果只是希望对大数数学有初步的了解,则可以只阅读讲义的第一部分,它介绍了大数数学的基本问题和研究范式。如果希望了解一些更深入的细节,则可以继续阅读讲义的第二部分。如果希望进入大数数学的前沿领域,则需要进一步阅读讲义的第三和第四部分。作者认为以讲义的第一、二部分作为该领域的导引材料,以讲义的第三、四部分作为该领域的进阶材料应当是合适的。后续的所有内容都不是必需的,它们可以在对大数数学有足够深的了解之后按需要进行查阅。在第一卷中,有一些章节中的内容已经在目录中用*标记,初读时可以略去。

大数数学是一个神奇的领域,它简单到牙牙学语的孩童都能够理解,但是解决这一问题 却又需要用到一些最为前沿和艰深的数学方法。正是因为如此,大数领域吸引了一代又一 代的数学爱好者献身其中,并为拓展人类对于大数的认识而不懈奋斗。

作者感谢与大数社群中众多研究者进行的讨论。没有与他们的交流,本讲义是不可能完成的。作者从已有的资料之中摘引了大量的分析与论述,在这些部分之中蕴含的闪光思想应当归功于这些作者。许多大数数学的研究者阅读了讲义的初稿,指出了讲义中的许多错误,并提出了宝贵的修改意见。作者尽可能详尽地列出了所引用的参考文献,在附录中也对直接引用和翻译的文献进行了更详细的说明。但难免挂一漏万,如有遗漏敬请读者谅解。

自讲义的初版发布以来,作者已数易其稿。借助于互联网的开放性,作者得以随时修正已发现的错误,删去不恰当的表述,补充大量的细节,以及介绍最新的进展。本讲义的最新版本可前往如下的网站获得。

https://github.com/ZhiqiuCao/Googology

到目前为止,讲义中的部分推导仍然并不严格,部分陈述仍然并不审慎,因此还有许多地方需要进一步打磨。讲义中可能还存在着诸多错误,仍然需要进行更认真的推导和校对。除此之外,讲义中还存在着一部分相当不成熟的讨论,这仍然有待于时间的进一步检验与沉淀。讲义中许多结果引自其他大数数学研究者的分析,这些分析常常是不够严格的,其中有可能存在一些错误。但尽管如此,在引用这些内容时,作者对其中的大多数结果并未进行仔细的检查,因此出现这些错误的责任全在于作者。由于作者水平所限,讲义中的疏漏谬误之处在所难免,敬请各位读者批评指正1。希望本讲义能够带领读者走进大数的神奇世界。

 $^{^{1}}$ 作者的邮箱为: 2401376019@qq.com。

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附录 G G.1 G.2 G.3 G.4 G.5 G.6 G.7 G.8 G.9 G.11 G.12 G.13 G.14 G.15	不同时期记号排名 1980 年 1981 年 1982 年 1983 年 1984 年 1985 年 1986 年 1986 年 1997 年 1998 年 1999 年 1990 年 1991 年 1992 年 1993 年 1994 年	1105 1107 1109 1111 1113 1115 1116 1118 1120 1122 1124 1126 1128 1130 1132

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附录 A 递归序数表

本附录的结果主要引自^[1-3]。在本附录之中,我们采用对各个重要记号进行比较的方式来分析递归序数的结构,各节的范围可能有一定的重复。本附录的结果更新至 2025 年。

A.1 自然数

自然数当然也是递归序数的一部分。对自然数的列表在大数数学发展的早期几乎是整个大数界最重要的工作之一,但是现在它已经不重要了,人们现在只关注几个最重要的大数。因此本表将只述及最简单的一些结果。更加完整的列表可以参考^[4-5],以及附录"有名字的大数"。

自然数	名字
1	
2	
3	Ξ.
4	四
5	五
6	六
7	七
8	八
9	九
10	+
20	二十
50	五十
100	一百
1000	一千
10^{4}	一万

自然数	名字
10^{5}	十万
10^{10}	百亿
$2^{64} - 1$	Archimedes 大数
6.02×10^{23}	Avogadro 常数
10^{100}	Googol
$10^{7 \times 2^{122}}$	不可说不可说转
$10^{10^{100}}$	Googolplex
$e^{e^{e^{79}}}$	第一 Skewes 数
$10^{10^{10^{10^2}}}$	Poincaré 回归时间
$e^{e^{e^{7.705}}}$	第二 Skewes 数
$10 \uparrow^2 10$	
$3 \uparrow^3 3$	tritri
$G(1) = 3 \uparrow^4 3$	
G(64)	Graham 数
TREE(3)	
SSCG(13)	
$D^{5}(99)$	Loader 数
$\Sigma(1919)$	
$\Xi(10^6)$	
Rayo (10^{100})	Rayo 数

A.2 Cantor 式 vs PrSS

本节的结果主要引自[1]。

Cantor 式	PrSS
ω	(0,1)
$\omega + 1$	(0,1,0)

Cantor 式	PrSS
$\omega + 2$	(0,1,0,0)
$\omega + 5$	(0, 1, 0, 0, 0, 0, 0)
$\omega \cdot 2$	(0,1,0,1)
$\omega \cdot 2 + 1$	(0,1,0,1,0)
$\omega \cdot 3$	(0,1,0,1,0,1)
ω^2	(0, 1, 1)
$\omega^2 + 1$	(0,1,1,0)
$\omega^2 + 2$	(0,1,1,0,0)
$\omega^2 + \omega$	(0,1,1,0,1)
$\omega^2 + \omega + 1$	(0,1,1,0,1,0)
$\omega^2 + \omega \cdot 2$	(0,1,1,0,1,0,1)
$\omega^2 \cdot 2$	(0,1,1,0,1,1)
$\omega^2 \cdot 2 + \omega$	(0,1,1,0,1,1,0,1)
$\omega^2 \cdot 3$	(0,1,1,0,1,1,0,1,1)
ω^3	(0, 1, 1, 1)
$\omega^3 + 1$	(0,1,1,1,0)
$\omega^3 + \omega$	(0,1,1,1,0,1)
$\omega^3 + \omega^2$	(0,1,1,1,0,1,1)
$\omega^3 \cdot 2$	(0,1,1,1,0,1,1,1)
$\omega^3\cdot 3$	(0,1,1,1,0,1,1,1,0,1,1,1)
ω^4	(0,1,1,1,1)
$\omega^4 \cdot 2$	(0,1,1,1,1,0,1,1,1,1)
ω^5	(0,1,1,1,1,1)
ω^{ω}	(0,1,2)
$\omega^{\omega} + 1$	(0, 1, 2, 0)
$\omega^{\omega} + 2$	(0,1,2,0,0)

Cantor 式	PrSS
$\omega^{\omega} + \omega$	(0,1,2,0,1)
$\omega^{\omega} + \omega \cdot 2$	(0,1,2,0,1,0,1)
$\omega^{\omega} + \omega^2$	(0,1,2,0,1,1)
$\omega^{\omega} + \omega^3$	(0,1,2,0,1,1,1)
$\omega^{\omega} \cdot 2$	(0,1,2,0,1,2)
$\omega^{\omega} \cdot 3$	(0,1,2,0,1,2,0,1,2)
$\omega^{\omega+1}$	(0, 1, 2, 1)
$\omega^{\omega+1}+1$	(0,1,2,1,0)
$\omega^{\omega+1} + \omega$	(0,1,2,1,0,1)
$\omega^{\omega+1}+\omega^2$	(0,1,2,1,0,1,1)
$\omega^{\omega+1}+\omega^3$	(0,1,2,1,0,1,1,1)
$\omega^{\omega+1} + \omega^{\omega}$	(0, 1, 2, 1, 0, 1, 2)
$\omega^{\omega+1} + \omega^{\omega} \cdot 2$	(0,1,2,1,0,1,2,0,1,2)
$\omega^{\omega+1}\cdot 2$	(0,1,2,1,0,1,2,1)
$\omega^{\omega+1} \cdot 3$	(0,1,2,1,0,1,2,1,0,1,2,1)
$\omega^{\omega+2}$	(0,1,2,1,1)
$\omega^{\omega+2} + \omega^{\omega}$	(0,1,2,1,1,0,1,2)
$\omega^{\omega+2} + \omega^{\omega+1}$	(0,1,2,1,1,0,1,2,1)
$\omega^{\omega+3}$	(0,1,2,1,1,1)
$\omega^{\omega+4}$	(0,1,2,1,1,1)
$\omega^{\omega \cdot 2}$	(0,1,2,1,2)
$\omega^{\omega \cdot 2} + \omega$	(0, 1, 2, 1, 2, 0, 1)
$\omega^{\omega \cdot 2} + \omega^{\omega}$	(0,1,2,1,2,0,1,2)
$\omega^{\omega \cdot 2} + \omega^{\omega + 1}$	(0,1,2,1,2,0,1,2,1)
$\omega^{\omega \cdot 2} + \omega^{\omega + 2}$	(0,1,2,1,2,0,1,2,1,1)
$\omega^{\omega \cdot 2} \cdot 2$	(0,1,2,1,2,0,1,2,1,2)

Cantor 式	PrSS
$\omega^{\omega\cdot 2+1}$	(0,1,2,1,2,1)
$\omega^{\omega \cdot 2+1} \cdot 2$	(0,1,2,1,2,1,0,1,2,1,2,1)
$\omega^{\omega \cdot 2 + 2}$	(0,1,2,1,2,1,1)
$\omega^{\omega\cdot 2+3}$	(0,1,2,1,2,1,1,1)
$\omega^{\omega \cdot 3}$	(0,1,2,1,2,1,2)
$\omega^{\omega\cdot 3+1}$	(0,1,2,1,2,1,2,1)
$\omega^{\omega \cdot 4}$	(0,1,2,1,2,1,2,1,2)
ω^{ω^2}	(0, 1, 2, 2)
$\omega^{\omega^2} \cdot 2$	(0,1,2,2,0,1,2,2)
ω^{ω^2+1}	(0,1,2,2,1)
ω^{ω^2+2}	(0,1,2,2,1,1)
$\omega^{\omega^2+\omega}$	(0,1,2,2,1,2)
$\omega^{\omega^2+\omega+1}$	(0,1,2,2,1,2,1)
$\omega^{\omega^2+\omega\cdot 2}$	(0,1,2,2,1,2,1,2)
$\omega^{\omega^2+\omega\cdot 3}$	(0,1,2,2,1,2,1,2,1,2)
$\omega^{\omega^2 \cdot 2}$	(0,1,2,2,1,2,2)
$\omega^{\omega^2 \cdot 3}$	(0,1,2,2,1,2,2,1,2,2)
ω^{ω^3}	(0,1,2,2,2)
ω^{ω^3+1}	(0,1,2,2,2,1)
$\omega^{\omega^3+\omega}$	(0,1,2,2,2,1,2)
$\omega^{\omega^3+\omega^2}$	(0,1,2,2,2,1,2,2)
$\omega^{\omega^3\cdot 2}$	(0,1,2,2,2,1,2,2,2)
ω^{ω^4}	(0,1,2,2,2,2)
$\omega^{\omega^4\cdot 2}$	(0,1,2,2,2,2,1,2,2,2,2)
ω^{ω^5}	(0,1,2,2,2,2,2)
$\omega^{\omega^{\omega}}$	(0, 1, 2, 3)
	1

Cantor 式	PrSS
$\omega^{\omega^{\omega}} + \omega$	(0,1,2,3,0,1)
$\omega^{\omega^{\omega}} + \omega^{\omega}$	(0,1,2,3,0,1,2)
$\omega^{\omega^{\omega}}\cdot 2$	(0,1,2,3,0,1,2,3)
$\omega^{\omega^{\omega}+1}$	(0,1,2,3,1)
$\omega^{\omega^{\omega}+\omega}$	(0,1,2,3,1,2)
$\omega^{\omega^{\omega}\cdot 2}$	(0,1,2,3,1,2,3)
$\omega^{\omega^{\omega+1}}$	(0,1,2,3,2)
$\omega^{\omega^{\omega \cdot 2}}$	(0,1,2,3,2,3)
$\omega^{\omega^{2}}$	(0,1,2,3,3)
$\omega^{\omega^{\omega^{\omega}}}$	(0,1,2,3,4)
$\omega^{\omega^{\omega^{\omega}}} + 1$	(0,1,2,3,4,0)
$\omega^{\omega^{\omega^{\omega}}+1}$	(0,1,2,3,4,1)
$\omega^{\omega^{\omega^{\omega}+1}}$	(0,1,2,3,4,2)
$\omega^{\omega^{\omega^{\omega+1}}}$	(0,1,2,3,4,3)
$\omega^{\omega^{\omega^2}}$	(0,1,2,3,4,4)
$\omega^{\omega^{\omega^{\omega^{\omega}}}}$	(0, 1, 2, 3, 4, 5)
$\varepsilon_0 = \omega^{\omega^{\cdots}}$	$(0, 1, 2, 3, \ldots)$

A.3 Veblen 函数 vs Cantor 式

Veblen 函数	Cantor 式
$\varphi(1)$	ω
$\varphi(1)+1$	$\omega + 1$
$\varphi(1) + 2$	$\omega + 2$
$\varphi(1) \cdot 2$	$\omega \cdot 2$
$\varphi(1) \cdot 2 + 1$	$\omega \cdot 2 + 1$
$\varphi(1)\cdot 3$	$\omega \cdot 3$

Voblen 函数	Cantor =
Veblen 函数	Cantor 式
$\varphi(2)$	ω^2
$\varphi(2)+1$	$\omega^2 + 1$
$\varphi(2)+2$	$\omega^2 + 2$
$\varphi(2) + \varphi(1)$	$\omega^2 + \omega$
$\varphi(2) + \varphi(1) + 1$	$\omega^2 + \omega + 1$
$\varphi(2) + \varphi(1) \cdot 2$	$\omega^2 + \omega \cdot 2$
$\varphi(2) \cdot 2$	$\omega^2 \cdot 2$
$\varphi(2) \cdot 2 + \varphi(1)$	$\omega^2 \cdot 2 + \omega$
$\varphi(2)\cdot 3$	$\omega^2 \cdot 3$
$\varphi(3)$	ω^3
$\varphi(3)+1$	$\omega^3 + 1$
$\varphi(3) + \varphi(1)$	$\omega^3 + \omega$
$\varphi(3) + \varphi(2)$	$\omega^3 + \omega^2$
$\varphi(3) \cdot 2$	$\omega^3 \cdot 2$
$\varphi(3) \cdot 3$	$\omega^3 \cdot 3$
$\varphi(4)$	ω^4
$\varphi(4) \cdot 2$	$\omega^4 \cdot 2$
$\varphi(5)$	ω^5
$\varphi(\varphi(1))$	ω^{ω}
$\varphi(\varphi(1)) + 1$	$\omega^{\omega} + 1$
$\varphi(\varphi(1)) + 2$	$\omega^{\omega} + 2$
$\varphi(\varphi(1)) + \varphi(1)$	$\omega^{\omega} + \omega$
$\varphi(\varphi(1)) + \varphi(1) \cdot 2$	$\omega^{\omega} + \omega \cdot 2$
$\varphi(\varphi(1)) + \varphi(2)$	$\omega^{\omega} + \omega^2$
$\varphi(\varphi(1)) + \varphi(3)$	$\omega^{\omega} + \omega^3$
$\varphi(\varphi(1)) \cdot 2$	$\omega^{\omega} \cdot 2$

Veblen 函数	Cantor 式
$\varphi(\varphi(1)) \cdot 3$	$\omega^{\omega} \cdot 3$
$\varphi(\varphi(1)+1)$	$\omega^{\omega+1}$
$\varphi(\varphi(1)+1)+1$	$\omega^{\omega+1}+1$
$\varphi(\varphi(1)+1)+\varphi(1)$	$\omega^{\omega+1} + \omega$
$\varphi(\varphi(1)+1)+\varphi(2)$	$\omega^{\omega+1} + \omega^2$
$\varphi(\varphi(1)+1)+\varphi(3)$	$\omega^{\omega+1} + \omega^3$
$\varphi(\varphi(1)+1)+\varphi(\varphi(1))$	$\omega^{\omega+1} + \omega^{\omega}$
$\varphi(\varphi(1)+1)+\varphi(\varphi(1))\cdot 2$	$\omega^{\omega+1} + \omega^{\omega} \cdot 2$
$\varphi(\varphi(1)+1)\cdot 2$	$\omega^{\omega+1}\cdot 2$
$\varphi(\varphi(1)+1)\cdot 3$	$\omega^{\omega+1}\cdot 3$
$\varphi(\varphi(1)+2)$	$\omega^{\omega+2}$
$\varphi(\varphi(1)+2)+\varphi(\varphi(1))$	$\omega^{\omega+2} + \omega^{\omega}$
$\varphi(\varphi(1)+2)+\varphi(\varphi(1)+1)$	$\omega^{\omega+2} + \omega^{\omega+1}$
$\varphi(\varphi(1)+3)$	$\omega^{\omega+3}$
$\varphi(\varphi(1)+4)$	$\omega^{\omega+4}$
$\varphi(\varphi(1)\cdot 2)$	$\omega^{\omega \cdot 2}$
$\varphi(\varphi(1)\cdot 2) + \varphi(1)$	$\omega^{\omega \cdot 2} + \omega$
$\varphi(\varphi(1)\cdot 2) + \varphi(\varphi(1))$	$\omega^{\omega \cdot 2} + \omega^{\omega}$
$\varphi(\varphi(1)\cdot 2) + \varphi(\varphi(1) + 1)$	$\omega^{\omega \cdot 2} + \omega^{\omega + 1}$
$\varphi(\varphi(1)\cdot 2) + \varphi(\varphi(1) + 2)$	$\omega^{\omega \cdot 2} + \omega^{\omega + 2}$
$\varphi(\varphi(1)\cdot 2)\cdot 2$	$\omega^{\omega \cdot 2} \cdot 2$
$\varphi(\varphi(1)\cdot 2+1)$	$\omega^{\omega \cdot 2+1}$
$\varphi(\varphi(1)\cdot 2+1)\cdot 2$	$\omega^{\omega \cdot 2+1} \cdot 2$
$\varphi(\varphi(1)\cdot 2+2)$	$\omega^{\omega \cdot 2 + 2}$
$\varphi(\varphi(1)\cdot 2+3)$	$\omega^{\omega \cdot 2+3}$
$\varphi(\varphi(1)\cdot 3)$	$\omega^{\omega\cdot 3}$

	1
Veblen 函数	Cantor 式
$\varphi(\varphi(1)\cdot 3+1)$	$\omega^{\omega\cdot 3+1}$
$\varphi(\varphi(1)\cdot 4)$	$\omega^{\omega\cdot 4}$
$\varphi(\varphi(2))$	ω^{ω^2}
$\varphi(\varphi(2)) \cdot 2$	$\omega^{\omega^2} \cdot 2$
$\varphi(\varphi(2)+1)$	ω^{ω^2+1}
$\varphi(\varphi(2)+2)$	ω^{ω^2+2}
$\varphi(\varphi(2) + \varphi(1))$	$\omega^{\omega^2+\omega}$
$\varphi(\varphi(2) + \varphi(1) + 1)$	$\omega^{\omega^2+\omega+1}$
$\varphi(\varphi(2) + \varphi(1) \cdot 2)$	$\omega^{\omega^2+\omega\cdot 2}$
$\varphi(\varphi(2) + \varphi(1) \cdot 3)$	$\omega^{\omega^2+\omega\cdot 3}$
$\varphi(\varphi(2)\cdot 2)$	$\omega^{\omega^2 \cdot 2}$
$\varphi(\varphi(2)\cdot 3)$	$\omega^{\omega^2 \cdot 3}$
$\varphi(\varphi(3))$	ω^{ω^3}
$\varphi(\varphi(3)+1)$	ω^{ω^3+1}
$\varphi(\varphi(3) + \varphi(1))$	$\omega^{\omega^3+\omega}$
$\varphi(\varphi(3) + \varphi(2))$	$\omega^{\omega^3+\omega^2}$
$\varphi(\varphi(3)\cdot 2)$	$\omega^{\omega^3 \cdot 2}$
$\varphi(\varphi(4))$	ω^{ω^4}
$\varphi(\varphi(4)\cdot 2)$	$\omega^{\omega^4 \cdot 2}$
$\varphi(\varphi(5))$	ω^{ω^5}
$\varphi(\varphi(\varphi(1)))$	$\omega^{\omega^{\omega}}$
$\varphi(\varphi(\varphi(1))) + \varphi(1)$	$\omega^{\omega^{\omega}} + \omega$
$\varphi(\varphi(\varphi(1))) + \varphi(\varphi(1))$	$\omega^{\omega^{\omega}} + \omega^{\omega}$
$\varphi(\varphi(\varphi(1))) \cdot 2$	$\omega^{\omega^{\omega}}\cdot 2$
$\varphi(\varphi(\varphi(1))+1)$	$\omega^{\omega^{\omega}+1}$
$\varphi(\varphi(\varphi(1)) + \varphi(1))$	$\omega^{\omega^{\omega}+\omega}$

Veblen 函数	Cantor 式
$\varphi(\varphi(\varphi(1))\cdot 2)$	$\omega^{\omega^{\omega}\cdot 2}$
$\varphi(\varphi(\varphi(1)+1))$	$\omega^{\omega^{\omega+1}}$
$\varphi(\varphi(\varphi(1)\cdot 2))$	$\omega^{\omega^{\omega \cdot 2}}$
$\varphi(\varphi(\varphi(2)))$	$\omega^{\omega^{\omega^2}}$
$\varphi(\varphi(\varphi(\varphi(1))))$	$\omega^{\omega^{\omega}}$
$\varphi(\varphi(\varphi(\varphi(1)))) + 1$	$\omega^{\omega^{\omega^{\omega}}} + 1$
$\varphi(\varphi(\varphi(\varphi(1))) + 1)$	$\omega^{\omega^{\omega^{\omega}}+1}$
$\varphi(\varphi(\varphi(\varphi(1))+1))$	$\omega^{\omega^{\omega}+1}$
$\varphi(\varphi(\varphi(\varphi(1)+1)))$	$\omega^{\omega^{\omega+1}}$
$\varphi(\varphi(\varphi(\varphi(2))))$	$\omega^{\omega^{\omega^2}}$
$\varphi(\varphi(\varphi(\varphi(1)))))$	$\omega^{\omega^{\omega^{\omega^{\omega}}}}$
$\varphi(1,0)$	$arepsilon_0$
$\varphi(1,0)+1$	$\varepsilon_0 + 1$
$\varphi(1,0) + \varphi(1)$	$\varepsilon_0 + \omega$
$\varphi(1,0) + \varphi(\varphi(1))$	$\varepsilon_0 + \omega^{\omega}$
$\varphi(1,0) + \varphi(\varphi(\varphi(1)))$	$\varepsilon_0 + \omega^{\omega^{\omega}}$
$\varphi(1,0)\cdot 2$	$\varepsilon_0 \cdot 2$
$\varphi(1,0)\cdot 3$	$arepsilon_0\cdot 3$
$\varphi(\varphi(1,0)+1)$	$arepsilon_0 \cdot \omega$ $\omega^{arepsilon_0 + 1}$
((()))	$\varepsilon_0 \cdot \omega + \omega$
$\varphi(\varphi(1,0)+1)+\varphi(1)$	$\omega^{\varepsilon_0+1} + \omega$
$\varphi(\varphi(1,0)+1)+\varphi(\varphi(1))$	$\varepsilon_0 \cdot \omega + \omega^{\omega}$ $\omega^{\varepsilon_0 + 1} + \omega^{\omega}$
(a(10) + 1) 9	$\varepsilon_0 \cdot \omega \cdot 2$
$\varphi(\varphi(1,0)+1)\cdot 2$	$\omega^{arepsilon_0+1}\cdot 2$
$\varphi(\varphi(1,0)+2)$	$arepsilon_0 \cdot \omega^2 \ \omega^{arepsilon_0 + 2}$
$\varphi(\varphi(1,0)+2)\cdot 2$	$\varepsilon_0 \cdot \omega^2 \cdot 2$
$\gamma(\gamma(1,0)+2)\cdot 2$	$\omega^{\varepsilon_0+2}\cdot 2$

	I
Veblen 函数	Cantor 式
$\varphi(\varphi(1,0)+3)$	$\varepsilon_0 \cdot \omega^3$
	$\omega^{arepsilon_0+3}$
	$\varepsilon_0 \cdot \omega^{\omega}$
$\varphi(\varphi(1,0)+\varphi(1))$	$\omega^{arepsilon_0+\omega}$
	$\varepsilon_0 \cdot \omega^{\omega^2}$
$\varphi(\varphi(1,0) + \varphi(2))$	$\omega^{arepsilon_0+\omega^2}$
((1 0) ((1)))	$\varepsilon_0 \cdot \omega^{\omega^\omega}$
$\varphi(\varphi(1,0) + \varphi(\varphi(1)))$	$\omega^{arepsilon_0+\omega^\omega}$
	${\varepsilon_0}^2$
$\varphi(\varphi(1,0)\cdot 2)$	$\omega^{arepsilon_0 \cdot 2}$
((1 2) 2) (1)	$\varepsilon_0^2 + \omega$
$\varphi(\varphi(1,0)\cdot 2) + \varphi(1)$	$\omega^{\varepsilon_0 \cdot 2} + \omega$
	$\varepsilon_0^2 + \omega^\omega$
$\varphi(\varphi(1,0)\cdot 2) + \varphi(\varphi(1))$	$\omega^{\varepsilon_0\cdot 2} + \omega^{\omega}$
	$\varepsilon_0^2 + \varepsilon_0$
$\varphi(\varphi(1,0)\cdot 2) + \varphi(1,0)$	$\omega^{\varepsilon_0 \cdot 2} + \varepsilon_0$
	$\varepsilon_0^2 + \varepsilon_0 \cdot \omega$
$\varphi(\varphi(1,0)\cdot 2) + \varphi(\varphi(1,0) + 1)$	$\omega^{\varepsilon_0 \cdot 2} + \omega^{\varepsilon_0 + 1}$
((1 0) 0) 0	$\varepsilon_0^2 \cdot 2$
$\varphi(\varphi(1,0)\cdot 2)\cdot 2$	$\omega^{\varepsilon_0 \cdot 2} \cdot 2$
((1 0) 0 11)	$\varepsilon_0^2 \cdot \omega$
$\varphi(\varphi(1,0)\cdot 2+1)$	$\omega^{arepsilon_0\cdot 2+1}$
((1 2) 2 (1))	$\varepsilon_0^2 \cdot \omega^\omega$
$\varphi(\varphi(1,0)\cdot 2+\varepsilon(1))$	$\omega^{arepsilon_0\cdot 2+\omega}$
	ε_0^{3}
$\varphi(\varphi(1,0)\cdot 3)$	$\omega^{arepsilon_0\cdot 3}$
4 (1 - 2)	${arepsilon_0}^4$
$\varphi(\varphi(1,0)\cdot 4)$	$\omega^{arepsilon_0\cdot 4}$
(((1 2) 1))	$arepsilon_0^{\;\omega}$
$\varphi(\varphi(\varphi(1,0)+1))$	$\omega^{\omega^{arepsilon_0+1}}$
(((1 0) : 1)) 2	$\varepsilon_0^{\ \omega} \cdot 2$
$\varphi(\varphi(\varphi(1,0)+1))\cdot 2$	$\omega^{\omega^{arepsilon_0+1}}\cdot 2$
	$\varepsilon_0{}^\omega \cdot \omega$
$\varphi(\varphi(\varphi(1,0)+1)+1)$	$\omega^{\omega^{arepsilon_0+1}+1}$
$\varphi(\varphi(\varphi(1,0)+1)+\varphi(1))$	$\varepsilon_0{}^\omega\cdot\omega^\omega$
	$\omega^{\omega^{\varepsilon_0+1}+\omega}$
	I

Veblen 函数	Cantor 式
	$\varepsilon_0^{\omega+1}$
$\varphi(\varphi(\varphi(1,0)+1)+\varphi(1,0))$	$\omega^{\omega^{arepsilon_0+1}+arepsilon_0}$
(((1 0) . 1) . (2 0) 0)	$\varepsilon_0^{\;\omega+2}$
$\varphi(\varphi(\varphi(1,0)+1)+\varphi(1,0)\cdot 2)$	$\omega^{\omega^{arepsilon_0+1}+arepsilon_0\cdot 2}$
$\varphi(\varphi(\varphi(1,0)+1)\cdot 2)$	$arepsilon_0^{\omega\cdot 2}$
φ(φ(φ(1,0) + 1) - 2)	$\omega^{\omega^{arepsilon_0+1}\cdot 2}$
$\varphi(\varphi(\varphi(1,0)+2))$	$\varepsilon_0^{\omega^2}$
	$\omega^{\omega^{arepsilon_0+2}}$
$\varphi(\varphi(\varphi(1,0)+\varphi(1)))$	$\omega^{\omega^{arepsilon_0+\omega}}$
$\varphi(\varphi(\varphi(1,0)+\varphi(\varphi(1))))$	${\varepsilon_0}^{\omega^\omega}$
$\varphi(\varphi(\varphi(1,0)+\varphi(\varphi(1))))$	$\omega^{\omega^{arepsilon_0+\omega^\omega}}$
	${arepsilon_0}^{arepsilon_0}$
$\varphi(\varphi(\varphi(1,0)\cdot 2))$	$\omega^{\omega^{arepsilon_0 \cdot 2}}$
	${arepsilon_0}^{arepsilon_0}$
$\varphi(\varphi(\varphi(1,0)\cdot 2)+1)$	${\varepsilon_0}^{\varepsilon_0}\cdot\omega$
$\varphi(\varphi(\varphi(1,0)\cdot 2)+1)$	$\omega^{\omega^{arepsilon_0 \cdot 2} + 1}$
$\varphi(\varphi(\varphi(1,0)\cdot 2) + \varphi(1,0))$	$\varepsilon_0^{\varepsilon_0+1}$
$\varphi(\varphi(\varphi(1,0)\cdot 2)+\varphi(1,0))$	$\omega^{\omega^{arepsilon_0 \cdot 2} + arepsilon_0}$
$\varphi(\varphi(\varphi(1,0)\cdot 2) + \varphi(\varphi(1,0)+1))$	$\varepsilon_0^{\varepsilon_0+\omega}$
$\varphi(\varphi(\varphi(1,0)\cdot 2)+\varphi(\varphi(1,0)+1))$	$\omega^{\omega^{\varepsilon_0\cdot 2}+\omega^{\varepsilon_0+1}}$
$\varphi(\varphi(\varphi(1,0)\cdot 2)\cdot 2)$	$\varepsilon_0^{\varepsilon_0 \cdot 2}$
$\varphi(\varphi(\varphi(1,0)\cdot z)\cdot z)$	$\omega^{\omega^{arepsilon_0 \cdot 2} \cdot 2}$
$\varphi(\varphi(\varphi(1,0)\cdot 2+1))$	$\varepsilon_0^{\ \varepsilon_0\cdot\omega}$
$\varphi(\varphi(\varphi(1,0)\cdot 2+1))$	$\omega^{\omega^{arepsilon_0\cdot 2+1}}$
$\varphi(\varphi(\varphi(1,0)\cdot 3))$	${\varepsilon_0}^{{\varepsilon_0}^2}$
$\varphi(\varphi(\varphi(1,0),3))$	$\omega^{\omega^{arepsilon_0\cdot 3}}$
$\varphi(\varphi(\varphi(\varphi(1,0)+1)))$	${\varepsilon_0}^{{\varepsilon_0}^\omega}$
$\varphi(\varphi(\varphi(1,0)+1)))$	$\omega^{\omega^{\omega^{arepsilon_0}+1}}$
$\varphi(\varphi(\varphi(\varphi(1,0)\cdot 2)))$	$\varepsilon_0^{\varepsilon_0^{\varepsilon_0}}$
	$\omega^{\omega^{\omega^{arepsilon_0 \cdot 2}}}$
$\varphi(1,1)$	$arepsilon_1$
$\varphi(1,1) + \varphi(1,0)$	$\varepsilon_1 + \varepsilon_0$
(1.1) + ((1.0))	$\varepsilon_1 + \varepsilon_0 \cdot \omega$
$\varphi(1,1) + \varphi(\varphi(1,0))$	$\varepsilon_1 + \omega^{\varepsilon_0 + 1}$

Veblen 函数	Cantor 式
	$\varepsilon_1 + \varepsilon_0^{\ \omega}$
$\varphi(1,1) + \varphi(\varphi(\varphi(1,0)))$	$\varepsilon_1 + \omega^{\omega^{\varepsilon_0+1}}$
$\varphi(1,1)\cdot 2$	$\varepsilon_1 \cdot 2$
$\varphi(\varphi(1,1)+1)$	$\varepsilon_1 \cdot \omega$
$\varphi(\varphi(1,1)+1)$	ω^{ε_1+1}
$\varphi(\varphi(1,1) + \varphi(1,0))$	$\varepsilon_1 \cdot \varepsilon_0$
	$\omega^{\varepsilon_1+\varepsilon_0}$
$\varphi(\varphi(1,1) + \varphi(\varphi(1,0) \cdot 2))$	$\varepsilon_1 \cdot \varepsilon_0^2$
	$\omega^{\varepsilon_1 + \omega^{\varepsilon_0 \cdot 2}}$ ε_1^2
$\varphi(\varphi(1,1)\cdot 2)$	$arepsilon_{1}^{arepsilon_{1}\cdot 2}$
	$\omega^{\epsilon_1 \epsilon_2}$
$\varphi(\varphi(1,1)\cdot 3)$	$\omega^{\varepsilon_1 \cdot 3}$
	ε_1^{ω}
$\varphi(\varphi(\varphi(1,1)+1))$	$\omega^{\omega^{arepsilon_1+1}}$
	$\varepsilon_1^{\varepsilon_0}$
$\varphi(\varphi(\varphi(1,1)+\varphi(1,0)))$	$\omega^{\omega^{arepsilon_1+arepsilon_0}}$
$\varphi(\varphi(\varphi(1,1)\cdot 2))$	$\varepsilon_1^{\ \varepsilon_1}$
$\varphi(\varphi(\varphi(1,1)\cdot 2))$	$\omega^{\omega^{arepsilon_1 \cdot 2}}$
$\varphi(1,2)$	$arepsilon_2$
$\varphi(\varphi(1,2)+1)$	$arepsilon_2 \cdot \omega$
φ(φ(1, 2) + 1)	ω^{ε_2+1}
$\varphi(\varphi(1,2) + \varphi(1,0))$	$\varepsilon_2 \cdot \varepsilon_0$
	$\omega^{\varepsilon_2+\varepsilon_0}$
$\varphi(\varphi(1,2)+\varphi(1,1))$	$\varepsilon_2 \cdot \varepsilon_1$
	$\omega^{\varepsilon_2+\varepsilon_1}$ ε_2^2
$\varphi(\varphi(1,2)\cdot 2)$	$\omega^{arepsilon_2 \cdot 2}$
	$arepsilon_2^\omega$
$\varphi(\varphi(\varphi(1,2)+1))$	$\omega^{\omega^{arepsilon_2+1}}$
$\varphi(\varphi(\varphi(1,2)\cdot 2))$	$arepsilon_2^{arepsilon_2}$
	$\omega^{\omega^{arepsilon_2 \cdot 2}}$
$\varphi(1,3)$	$arepsilon_3$
$\varphi(\varphi(1,3)\cdot 2)$	${\varepsilon_3}^2$
$\varphi(\varphi(1,0),2)$	$\omega^{arepsilon_3\cdot 2}$

Veblen 函数	Cantor 式
$\varphi(1,4)$	$arepsilon_4$
$\varphi(1,5)$	$arepsilon_5$
$\varphi(1,\varphi(1))$	$arepsilon_{\omega}$
$\varphi(\varphi(1,\varphi(1))\cdot 2)$	ε_{ω}^{2}
(1 (1) , 1)	$\omega^{arepsilon_{\omega}\cdot 2}$
$\varphi(1,\varphi(1)+1)$	$arepsilon_{\omega+1}$
$\varphi(1,\varphi(1)+2)$	$\varepsilon_{\omega+2}$
$\varphi(1,\varphi(1)\cdot 2)$	$arepsilon_{\omega\cdot 2}$
$\varphi(1,\varphi(2))$	$arepsilon_{\omega^2}$
$\varphi(1,\varphi(\varphi(1)))$	$arepsilon_{\omega^{\omega}}$
$\varphi(1,\varphi(\varphi(\varphi(1))))$	$arepsilon_{\omega^{\omega^{\omega}}}$
$\varphi(1,\varphi(1,0))$	$arepsilon_{arepsilon_0}$
$\varphi(1, \varphi(1, 0) + 1)$	$arepsilon_{arepsilon_0+1}$
$\varphi(1,\varphi(1,0)\cdot 2)$	$arepsilon_{arepsilon_0 \cdot 2}$
$\varphi(1,\varphi(\varphi(1,0)+1))$	$arepsilon_{arepsilon_0.\omega}$
	$\varepsilon_{\omega^{\varepsilon_0+1}}$
$\varphi(1,\varphi(\varphi(1,0)\cdot 2))$	$arepsilon_{arepsilon_0^2}$ $arepsilon_{\omega^{arepsilon_0 \cdot 2}}$
$\varphi(1,\varphi(1,1))$	$arepsilon_{arepsilon_1}$
$\varphi(1,\varphi(1,2))$	$arepsilon_{arepsilon_2}$
$\varphi(1,\varphi(1,\varphi(0)))$	$arepsilon_{arepsilon_{\omega}}$
$\varphi(1, \varphi(1, \varphi(1, 0)))$	$arepsilon_{arepsilon_{arepsilon_0}}$
arphi(2,0)	ζ_0
$\varphi(2,0) + \varphi(1)$	$\zeta_0 + \omega$
$\varphi(2,0) + \varphi(1,0)$	$\zeta_0 + \varepsilon_0$
$\varphi(2,0) + \varphi(1,\varphi(1,0))$	$\zeta_0 + arepsilon_{arepsilon_0}$
$\varphi(2,0)\cdot 2$	$\zeta_0 \cdot 2$
$\varphi(\varphi(2,0)+1)$	$\zeta_0 \cdot \omega$ ω^{ζ_0+1}

Veblen 函数	Cantor 式
$\varphi(\varphi(2,0)+\varphi(1,0))$	$\zeta_0 \cdot \varepsilon_0$
1 (() () () () () () ()	$\omega^{\zeta_0+\varepsilon_0}$
$\varphi(\varphi(2,0) + \varphi(1,\varphi(1,0)))$	$\zeta_0 \cdot \varepsilon_{\varepsilon_0}$
	$\omega^{\zeta_0+\varepsilon_{\varepsilon_0}}$ ζ_0^2
$\varphi(\varphi(2,0)\cdot 2)$	$\omega^{\zeta_0 \cdot 2}$
	ζ_0^{ω}
$\varphi(\varphi(\varphi(2,0)+1))$	$\omega^{\omega^{\zeta_0+1}}$
(((2 0) . (1 0)))	$\zeta_0^{\varepsilon_0}$
$\varphi(\varphi(\varphi(2,0)+\varphi(1,0)))$	$\omega^{\omega^{\zeta_0+arepsilon_0}}$
$\varphi(\varphi(\varphi(2,0)\cdot 2))$	$\zeta_0^{\zeta_0}$
φ(φ(φ(2,0)-2))	$\omega^{\omega^{\zeta_0 \cdot 2}}$
$\varphi(\varphi(\varphi(\varphi(2,0)\cdot 2)))$	$\zeta_0^{\zeta_0^{\zeta_0}}$
	$\omega^{\omega^{\zeta_0 \cdot 2}}$
$\varphi(1,\varphi(2,0)+1)$	$arepsilon_{\zeta_0+1}$
$\varphi(\varphi(1,\varphi(2,0)+1)\cdot 2)$	$\varepsilon_{\zeta_0+1}^2$
φ(φ(1,φ(2,0) + 1) 2)	$\omega^{arepsilon_{\zeta_0+1}\cdot 2}$
$\varphi(\varphi(\varphi(1,\varphi(2,0)+1)\cdot 2))$	$\varepsilon_{\zeta_0+1}^{\varepsilon_{\zeta_0+1}}$ $\omega^{\omega^{\varepsilon_{\zeta_0+1}\cdot 2}}$
	$\omega^{\omega^{-30+2}}$
$\varphi(1,\varphi(2,0)+2)$	$arepsilon_{\zeta_0+2}$
$\varphi(1,\varphi(2,0)+3)$	ε_{ζ_0+3}
$\varphi(1,\varphi(2,0)+\varphi(0))$	$arepsilon_{\zeta_0+\omega}$
$\varphi(1,\varphi(2,0)+\varphi(1,0))$	$\varepsilon_{\zeta_0+\varepsilon_0}$
$\varphi(1,\varphi(2,0)+\varphi(1,\varphi(1,0)))$	$\varepsilon_{\zeta_0+arepsilon_{arepsilon_0}}$
$\psi(\Omega+\varphi(2,0))$	$arepsilon_{\zeta_0\cdot 2}$
$\varphi(1,\varphi(2,0)\cdot 2)$	$arepsilon_{\zeta_0.3}$
$\varphi(1,\varphi(\varphi(2,0)+1))$	$arepsilon_{\zeta_0\cdot\omega}$
γ(1)γ(γ(- , ·) · · 1))	$arepsilon_{\omega^{\zeta_0+1}}$
$\varphi(1,\varphi(\varphi(2,0)\cdot 2))$	$arepsilon_{\zeta_0}{}^{_2}$
	$\varepsilon_{\omega} \zeta_{0} \cdot 2$
$\varphi(1,\varphi(\varphi(\varphi(2,0)\cdot 2)))$	$arepsilon_{\zeta_0} \zeta_0$
	$arepsilon_{\omega^{\omega}} \zeta_0 \cdot 2$
$\varphi(1,\varphi(1,\varphi(2,0)+1))$	$\varepsilon_{arepsilon_{\zeta_0+1}}$

Veblen 函数	Cantor 式
$\varphi(1,\varphi(1,\varphi(2,0)+\varphi(1,0)))$	$arepsilon_{arepsilon_{\zeta_0+arepsilon_0}}$
$\varphi(1, \varphi(1, \varphi(2, 0) \cdot 2)))$	$arepsilon_{arepsilon_{\zeta_0\cdot 2}}$
$\varphi(1,\varphi(1,\varphi(1,\varphi(2,0)+1))))$	$arepsilon_{arepsilon_{arepsilon_{\zeta_0+1}}}$
$\varphi(2,1)$	ζ_1
$\varphi(\varphi(2,1)+1)$	$\zeta_1 \cdot \omega$ ω^{ζ_1+1}
$\varphi(\varphi(2,1)+\varphi(2,0))$	$\zeta_1 \cdot \zeta_0$ $\omega^{\zeta_1 + \zeta_0}$
$\varphi(\varphi(2,1)\cdot 2)$	${\zeta_1}^2 \ \omega^{\zeta_1 \cdot 2}$
$\varphi(\varphi(\varphi(2,1)\cdot 2))$	$\zeta_1^{\zeta_1}$ $\omega^{\omega^{\zeta_1 \cdot 2}}$
$\varphi(1,\varphi(2,1)+1)$	$arepsilon_{\zeta_1+1}$
$\varphi(1,\varphi(2,1)+\varphi(2,0))$	$arepsilon_{\zeta_1+\zeta_0}$
$\varphi(1, \varphi(2,1) \cdot 2)$	$arepsilon_{\zeta_1\cdot 2}$
$\varphi(1,\varphi(\varphi(2,1)\cdot 2))$	$arepsilon_{\zeta_1^2}$
$\varphi(1,\varphi(1,\varphi(2,1)+1))$	$arepsilon_{\omega^{\zeta_1\cdot 2}}$ $arepsilon_{arepsilon_{\zeta_1+1}}$
$\varphi(2,2)$	ζ_2
$\varphi(\varphi(2,2)+1)\cdot\omega$	$\zeta_2 \cdot \omega$ ω^{ζ_2+1}
$\varphi(1,\varphi(2,2)+1)$	$arepsilon_{\zeta_2+1}$
$\varphi(1,\varphi(2,2)\cdot 2)$	$arepsilon_{\zeta_2\cdot 2}$
$\varphi(1,\varphi(1,\varphi(2,2)+1))$	$\varepsilon_{arepsilon_{\zeta_2+1}}$
$\varphi(2,3)$	ζ_3
$\varphi(2,4)$	ζ_4
$\varphi(2,\varphi(1))$	ζ_ω
$\varphi(2,\varphi(1,0))$	$\zeta_{arepsilon_0}$
$\varphi(2, \varphi(1, \varphi(1, 0)))$	$\zeta_{arepsilon_{arepsilon_0}}$
$\varphi(2,\varphi(2,0))$	ζ_{ζ_0}

Veblen 函数	Cantor 式
$\varphi(2,\varphi(2,1))$	ζ_{ζ_1}
$\varphi(2, \varphi(2, \varphi(1, 0)))$	$\zeta_{\zeta_{arepsilon_0}}$
$\varphi(2, \varphi(2, \varphi(2, 0)))$	$\zeta_{\zeta_{\zeta_0}}$
arphi(3,0)	η_0
$\varphi(\varphi(3,0)+1)$	$\eta_0 \cdot \omega$
	$\frac{\omega^{\eta_0+1}}{{\eta_0}^{\eta_0}}$
$\varphi(\varphi(\varphi(\varphi(3,0)\cdot 2)))$	$\omega^{\omega^{\eta_0\cdot 2}}$
$\varphi(1,\varphi(3,0)+1)$	$arepsilon_{\eta_0+1}$
$\varphi(1,\varphi(3,0)\cdot 2)$	$arepsilon_{\eta_0\cdot 2}$
$\varphi(1,\varphi(1,\varphi(3,0)\cdot 2))$	$arepsilon_{arepsilon\eta_0\cdot 2}$
$\varphi(2,\varphi(3,0)+1)$	ζ_{η_0+1}
$\varphi(2,\varphi(3,0)\cdot 2)$	$\zeta_{\eta_0\cdot 2}$
$\varphi(2,\varphi(2,\varphi(3,0)\cdot 2))$	$\zeta_{\zeta_{\eta_0\cdot 2}}$
$\varphi(3,1)$	η_1
$\varphi(\varphi(3,1)+1)$	$\eta_1 \cdot \omega$
(1 (0.1) , 1)	ω^{η_1+1}
$\varphi(1,\varphi(3,1)+1)$	ε_{η_1+1}
$\varphi(2,\varphi(3,1)+1)$	ζ_{η_1+1}
$\varphi(2,\varphi(2,\varphi(3,1)+1))$	$\zeta_{\zeta_{\eta_1+1}}$
$\varphi(3,2)$	η_2
$\varphi(3,3)$	η_3
$\varphi(3,\varphi(1))$	η_ω
$\varphi(3,\varphi(1,0))$	$\eta_{arepsilon_0}$
$\varphi(3,\varphi(2,0))$	η_{ζ_0}
$\varphi(3,\varphi(3,0))$	η_{η_0}
$\varphi(3,\varphi(3,\varphi(3,0)))$	$\eta_{\eta_{\eta_0}}$
arphi(4,0)	

Veblen 函数	Cantor 式
$\varphi(\varphi(4,0)+1)$	$\omega^{arphi(4,0)+1}$
$\varphi(1,\varphi(4,0)+1)$	$\varepsilon_{arphi(4,0)+1}$
$\varphi(2,\varphi(4,0)+1)$	$\zeta_{arphi(4,0)+1}$
$\varphi(3,\varphi(4,0)+1)$	$\eta_{arphi(4,0)+1}$
$\varphi(4,1)$	
$\varphi(4,2)$	
$\varphi(4,\omega)$	
$\varphi(4,\varphi(4,0))$	
$\varphi(5,0)$	
$\varphi(4, \varphi(5, 0) + 1)$	
$\varphi(5,1)$	
$\varphi(5, \varphi(5, 0))$	
$\varphi(6,0)$	
$\varphi(7,0)$	
$\varphi(\varphi(1),0)$	$\varphi(\omega,0)$
$\varphi(\varphi(\varphi(1),0)+1)$	$\omega^{arphi(\omega,0)+1}$
$\varphi(1,\varphi(\varphi(1),0)+1)$	$\varepsilon_{\varphi(\omega,0)+1}$
$\varphi(2,\varphi(\varphi(1),0)+1)$	$\zeta_{arphi(\omega,0)+1}$
$\varphi(3,\varphi(\varphi(1),0)+1)$	$\eta_{arphi(\omega,0)+1}$
$\varphi(4,\varphi(\varphi(1),0)+1)$	$\varphi(4,\varphi(\omega,0)+1)$
$\varphi(5, \varphi(\varphi(1), 0) + 1)$	$\varphi(5, \varphi(\omega, 0) + 1)$
$\varphi(6, \varphi(\varphi(1), 0) + 1)$	$\varphi(6, \varphi(\omega, 0) + 1)$
$\varphi(\varphi(1),1)$	$\varphi(\omega,1)$
$\varphi(\varphi(1),2)$	$\varphi(\omega,2)$
$\varphi(\varphi(1),\varphi(1))$	$arphi(\omega,\omega)$
$\varphi(\varphi(1), \varphi(\varphi(1), 0))$	$\varphi(\omega,\varphi(\omega,0))$

Veblen 函数	Cantor 式
$\varphi(\varphi(1)+1,0)$	$\varphi(\omega+1,0)$
$\varphi(\varphi(1), \varphi(\varphi(1)+1, 0)+1)$	$\varphi(\omega, \varphi(\omega+1,0)+1)$
$\varphi(\varphi(1)+1,1)$	$\varphi(\omega+1,1)$
$\varphi(\varphi(1)+2,0)$	$\varphi(\omega+2,0)$
$\varphi(\varphi(1)+3,0)$	$\varphi(\omega+3,0)$
$\varphi(\varphi(1)\cdot 2,0)$	$\varphi(\omega \cdot 2, 0)$
$\varphi(\varphi(1)\cdot 3,0)$	$\varphi(\omega\cdot 3,0)$
$\varphi(\varphi(2),0)$	$\varphi(\omega^2,0)$
$\varphi(\varphi(\varphi(1)),0)$	$\varphi(\omega^{\omega},0)$
$\varphi(\varphi(1,0),0)$	$\varphi(\varepsilon_0,0)$
$\varphi(\varphi(1,1),0)$	$\varphi(\varepsilon_1,0)$
$\varphi(\varphi(2,0),0)$	$\varphi(\zeta_0,0)$
$\varphi(\varphi(3,0),0)$	$\varphi(\eta_0,0)$
$\varphi(\varphi(\varphi(1),0),0)$	$\varphi(\varphi(\omega,0),0)$
$\varphi(\varphi(\varphi(1,0),0),0)$	$\varphi(\varphi(\varepsilon_0,0),0)$
$\varphi(1,0,0)$	Γ_0
$\varphi(1,0,0)\cdot 2$	$\Gamma_0 \cdot 2$
$\varphi(\varphi(1,0,0)+1)$	$\Gamma_0 \cdot \omega$ ω^{Γ_0+1}
$\varphi(\varphi(1,0,0)\cdot 2)$	$\Gamma_0^{\Gamma_0}$ $\omega^{\Gamma_0 \cdot 2}$
$\varphi(1,\varphi(1,0,0)+1)$	$arepsilon_{\Gamma_0+1}$
$\varphi(1,\varphi(1,0,0)\cdot 2)$	$arepsilon_{\Gamma_0\cdot 2}$
$\varphi(2,\varphi(1,0,0)+1)$	ζ_{Γ_0+1}
$\varphi(3,\varphi(1,0,0)+1)$	η_{Γ_0+1}
$\varphi(4,\varphi(1,0,0)+1)$	$\varphi(4,\Gamma_0+1)$
$\varphi(5,\varphi(1,0,0)+1)$	$\varphi(5,\Gamma_0+1)$
$\varphi(\varphi(1), \varphi(1,0,0)+1)$	$\varphi(\omega,\Gamma_0+1)$

Veblen 函数	Cantor 式
$\varphi(\varphi(1,0),\varphi(1,0,0)+1)$	$\varphi(\varepsilon_0,\Gamma_0+1)$
$\varphi(\varphi(\varphi(1),0),\varphi(1,0,0)+1)$	$\varphi(\varphi(\omega,0),\Gamma_0+1)$
$\varphi(\varphi(\varphi(1,0),0),\varphi(1,0,0)+1)$	$\varphi(\varphi(\varepsilon_0,0),\Gamma_0+1)$
$\varphi(\varphi(1,0,0),1)$	$\varphi(\Gamma_0,1)$
$\varphi(\varphi(1,0,0),2)$	$\varphi(\Gamma_0,2)$
$\varphi(\varphi(1,0,0),\varphi(1,0,0))$	$\varphi(\Gamma_0,\Gamma_0)$
$\varphi(\varphi(1,0,0)+1,0)$	$\varphi(\Gamma_0+1,0)$
$\varphi(\varphi(1,0,0)+\omega,0)$	$\varphi(\Gamma_0 + \omega, 0)$
$\varphi(\varphi(1,0,0)\cdot 2,0)$	$\varphi(\Gamma_0 \cdot 2, 0)$
$\varphi(\varphi(1,\varphi(1,0,0)+1),0)$	$\varphi(\varepsilon_{\Gamma_0+1},0)$
$\varphi(\varphi(\varphi(1,0,0),1),0)$	$\varphi(\varphi(\Gamma_0,1),0)$
$\varphi(\varphi(\varphi(1,0,0)+1,0),0)$	$\varphi(\varphi(\Gamma_0+1,0),0)$
$\varphi(1,0,1)$	Γ_1
$\varphi(\varphi(1,0,0),\varphi(1,0,1)+1)$	$\varphi(\Gamma_0,\Gamma_1+1)$
$\varphi(\varphi(1,0,1),1)$	$\varphi(\Gamma_1,1)$
$\varphi(1,0,2)$	Γ_2
$\varphi(1,0,3)$	Γ_3
$\varphi(1,0,\varphi(1))$	Γ_{ω}
$\varphi(1,0,\varphi(1,0))$	$\Gamma_{arepsilon_0}$
$\varphi(1,0,\varphi(1,0,0))$	Γ_{Γ_0}
$\varphi(1,1,0)$	$\alpha \mapsto \Gamma_{\alpha}$ fp.

A.4 MOCF vs Veblen 函数

本节的结果主要引自[1]。

Madore's OCF	Veblen 函数
$\psi(0)$	$arepsilon_0$

Madore's OCF	Veblen 函数
$\psi(0) + 1$	$\varepsilon_0 + 1$
$\psi(0) + \omega$	$\varepsilon_0 + \omega$
$\psi(0) + \omega^{\omega}$	$\varepsilon_0 + \omega^{\omega}$
$\psi(0) + \omega^{\omega^{\omega}}$	$\varepsilon_0 + \omega^{\omega^{\omega}}$
$\psi(0) \cdot 2$	$\varepsilon_0 \cdot 2$
$\psi(0) \cdot 3$	$arepsilon_0\cdot 3$
$\psi(0) \cdot \omega$	$arepsilon_0 \cdot \omega$ $\omega^{arepsilon_0 + 1}$
$\psi(0) \cdot \omega + \omega$	$\varepsilon_0 \cdot \omega + \omega$ $\omega^{\varepsilon_0 + 1} + \omega$
$\psi(0) \cdot \omega + \omega^{\omega}$	$\varepsilon_0 \cdot \omega + \omega^{\omega}$ $\omega^{\varepsilon_0 + 1} + \omega^{\omega}$
$\psi(0)\cdot\omega\cdot 2$	$arepsilon_0 \cdot \omega \cdot 2$ $\omega^{arepsilon_0 + 1} \cdot 2$
$\psi(0)\cdot\omega^2$	$\varepsilon_0 \cdot \omega^2$ $\omega^{\varepsilon_0 + 2}$
$\psi(0) \cdot \omega^2 \cdot 2$	$\varepsilon_0 \cdot \omega^2 \cdot 2$ $\omega^{\varepsilon_0 + 2} \cdot 2$
$\psi(0)\cdot\omega^3$	$\varepsilon_0 \cdot \omega^3$ $\omega^{\varepsilon_0 + 3}$
$\psi(0)\cdot\omega^\omega$	$arepsilon_0 \cdot \omega^\omega \ \omega^{arepsilon_0 + \omega}$
$\psi(0) \cdot \omega^{\omega^2}$	$arepsilon_0 \cdot \omega^{\omega^2}$ $\omega^{arepsilon_0 + \omega^2}$
$\psi(0)\cdot\omega^{\omega^{\omega}}$	$arepsilon_0\cdot\omega^{\omega^\omega}$ $\omega^{arepsilon_0+\omega^\omega}$
$\psi(0)^2$	$\omega^{arepsilon_0\cdot 2}$ ${arepsilon_0}^2$
$\psi(0)^2 + \omega$	$\varepsilon_0^2 + \omega$ $\omega^{\varepsilon_0 \cdot 2} + \omega$
$\psi(0)^2 + \omega^{\omega}$	$\varepsilon_0^2 + \omega^\omega$ $\omega^{\varepsilon_0 \cdot 2} + \omega^\omega$
$\psi(0)^2 + \psi(0)$	$\varepsilon_0^2 + \varepsilon_0$ $\omega^{\varepsilon_0 \cdot 2} + \varepsilon_0$

Madore's OCF	Veblen 函数
$\psi(0)^2 + \psi(0) \cdot \omega$	$\varepsilon_0^2 + \varepsilon_0 \cdot \omega$
	$\omega^{\varepsilon_0 \cdot 2} + \omega^{\varepsilon_0 + 1}$
$\psi(0)^2 \cdot 2$	$\varepsilon_0^2 \cdot 2$
	$\omega^{arepsilon_0\cdot 2}\cdot 2$
$\psi(0)^2 \cdot \omega$	$\varepsilon_0^2 \cdot \omega$
$\psi(0) \cdot \omega$	$\omega^{arepsilon_0\cdot 2+1}$
$\psi(0)^2 \cdot \omega^{\omega}$	$\varepsilon_0^{\ 2}\cdot\omega^\omega$
$\psi(0)^{-1}\cdot\omega^{-1}$	$\omega^{arepsilon_0\cdot 2+\omega}$
$\psi(0)^3$	${\varepsilon_0}^3$
$\psi(0)$	$\omega^{arepsilon_0 \cdot 3}$
$\psi(0)^4$	${\varepsilon_0}^4$
Ψ(0)	$\omega^{arepsilon_0 \cdot 4}$
$\psi(0)^{\omega}$	${\varepsilon_0}^\omega$
Ψ(0)	$\omega^{\omega^{arepsilon_0+1}}$
$\psi(0)^{\omega} \cdot 2$	$\varepsilon_0^{\ \omega} \cdot 2$
$\varphi(0)$ 2	$\omega^{\omega^{arepsilon_0+1}}\cdot 2$
$\psi(0)^{\omega} \cdot \omega$	$\omega^{\omega^{\varepsilon_0+1}+1}$
$\psi(0)^{\omega}\cdot\omega^{\omega}$	$\varepsilon_0{}^\omega\cdot\omega^\omega$
$\varphi(0) \wedge \omega$	$\omega^{\omega^{\varepsilon_0+1}+\omega}$
$\psi(0)^{\omega+1}$	$\varepsilon_0^{\omega+1}$
Ψ(0)	$\omega^{\omega^{arepsilon_0+1}+arepsilon_0}$
$\psi(0)^{\omega+2}$	$\varepsilon_0^{\omega+2}$
Ψ(0)	$\omega^{\omega^{\epsilon_0+1}+\epsilon_0\cdot 2}$
$\psi(0)^{\omega \cdot 2}$	${arepsilon_0}^{\omega \cdot 2}$
7 (0)	$\omega^{\omega^{\epsilon_0+1}\cdot 2}$
$\psi(0)^{\omega^2}$	$\varepsilon_0^{\omega^2}$
7 (*)	$\omega^{\omega^{arepsilon_0+2}}$
$\psi(0)^{\omega^{\omega}}$	$\omega^{\omega^{arepsilon_0+\omega}}$
$\psi(0)^{\omega^{\omega^{\omega}}}$	$\varepsilon_0{}^{\omega^\omega}$
Ψ(0)	$\omega^{\omega^{arepsilon_0+\omega^\omega}}$
$\psi(0)^{\psi(0)}$	$\omega^{\omega^{arepsilon_0 \cdot 2}}$
	$\varepsilon_0^{\varepsilon_0}$
$\psi(0)^{\psi(0)}\cdot\omega$	${\varepsilon_0}^{\varepsilon_0}\cdot\omega$
	$\omega^{\omega^{arepsilon_0 \cdot 2} + 1}$
$\psi(0)^{\psi(0)+1}$	$\varepsilon_0^{\varepsilon_0+1}$
	$\omega^{\omega^{\varepsilon_0 \cdot 2} + \varepsilon_0}$

Madore's OCF	Veblen 函数
$\psi(0)^{\psi(0)+\omega}$	$\varepsilon_0^{\varepsilon_0+\omega}$
Ψ (0)	$\omega^{\omega^{\varepsilon_0 \cdot 2} + \omega^{\varepsilon_0 + 1}}$
$\psi(0)^{\psi(0)\cdot 2}$	${\varepsilon_0}^{{\varepsilon_0} \cdot 2}$
7 (*)	$\omega^{\omega^{arepsilon_0 \cdot 2} \cdot 2}$
$\psi(0)^{\psi(0)\cdot\omega}$	${arepsilon_0}^{arepsilon_0 \cdot \omega}$
	$\omega^{\omega^{arepsilon_0 \cdot 2 + 1}}$
$\psi(0)^{\psi(0)^2}$	$\varepsilon_0^{\varepsilon_0^2}$
	$\omega^{\omega^{arepsilon_0\cdot 3}}$ ${arepsilon_0}^{\omega}$
$\psi(0)^{\psi(0)^{\omega}}$	$\omega^{\omega^{\omegaarepsilon_0+1}}$
	ω^{ω} $\varepsilon_0^{\varepsilon_0^{\varepsilon_0}}$
$\psi(0)^{\psi(0)^{\psi(0)}}$	$\omega^{\omega^{\omega^{arepsilon_0 \cdot 2}}}$
	ω
$\psi(1)$	$arepsilon_1$
$\psi(1) + \psi(0)$	$\varepsilon_1 + \varepsilon_0$
$\psi(1) + \psi(0) \cdot \omega$	$\varepsilon_1 + \varepsilon_0 \cdot \omega$
$\psi(1) + \psi(0) \cdot \omega$	$\varepsilon_1 + \omega^{\varepsilon_0 + 1}$
$\psi(1) + \psi(0)^{\omega}$	$\varepsilon_1 + \varepsilon_0^{\ \omega}$
φ(1) 1 φ(0)	$\varepsilon_1 + \omega^{\omega^{\varepsilon_0}}$
$\psi(1) \cdot 2$	$arepsilon_1 \cdot 2$
$\psi(1)\cdot\omega$	$arepsilon_1 \cdot \omega$
$\varphi(1)$ ω	$\omega^{arepsilon_1+1}$
$\psi(1)\cdot\psi(0)$	$arepsilon_1 \cdot arepsilon_0$
	$\omega^{\varepsilon_1+\varepsilon_0}$
$\psi(1)\cdot\psi(0)^2$	$arepsilon_1 \cdot arepsilon_0^2$
, , , , , ,	$\omega^{\varepsilon_1+\omega^{\varepsilon_0\cdot 2}}$
$\psi(1)^2$	${arepsilon_1}^2$
	$\omega^{\varepsilon_1 \cdot 2}$
$\psi(1)^3$	${arepsilon_1}^3 \ \omega^{arepsilon_1 \cdot 3}$
	ω^{-1} ε_1^{ω}
$\psi(1)^{\omega}$	$\omega^{\omega^{\epsilon_1+1}}$
$\psi(1)^{\psi(0)}$	$arepsilon_1^{arepsilon_0}$
	$\omega^{\omega^{arepsilon_1+arepsilon_0}}$
$\psi(1)^{\psi(1)}$	$arepsilon_1^{arepsilon_1}$
	$\omega^{\omega^{arepsilon_1 \cdot 2}}$

Madore's OCF	Veblen 函数
$\psi(2)$	$arepsilon_2$
$\psi(2)\cdot\omega$	$arepsilon_2 \cdot \omega \ \omega^{arepsilon_2+1}$
$\psi(2)\cdot\psi(0)$	$arepsilon_2 \cdot arepsilon_0 \ \omega^{arepsilon_2 + arepsilon_0}$
$\psi(2)\cdot\psi(1)$	$arepsilon_2 \cdot arepsilon_1 \ \omega^{arepsilon_2 + arepsilon_1}$
$\psi(2)^2$	${arepsilon_2}^2 \ \omega^{arepsilon_2 \cdot 2}$
$\psi(2)^{\omega}$	$arepsilon_2^{\omega} \ \omega^{\omega^{arepsilon_2+1}}$
$\psi(2)^{\psi(2)}$	$arepsilon_2^{arepsilon^2}$ $\omega^{\omega^{arepsilon_2 \cdot 2}}$
$\psi(3)$	$arepsilon_3$
$\psi(3)^2$	${arepsilon_3}^2 \ \omega^{arepsilon_3 \cdot 2}$
$\psi(4)$	$arepsilon_4$
$\psi(5)$	$arepsilon_5$
$\psi(\omega)$	$arepsilon_{\omega}$
$\psi(\omega)^2$	$arepsilon_{\omega}^{2}$ $\omega^{arepsilon_{\omega}\cdot 2}$
$\psi(\omega+1)$	$arepsilon_{\omega+1}$
$\psi(\omega+2)$	$arepsilon_{\omega+2}$
$\psi(\omega \cdot 2)$	$arepsilon_{\omega \cdot 2}$
$\psi(\omega^2)$	$arepsilon_{\omega^2}$
$\psi(\omega^\omega)$	$arepsilon_{\omega^{\omega}}$
$\psi(\omega^{\omega^{\omega}})$	$arepsilon_{\omega^{\omega^{\omega}}}$
$\psi(\psi(0))$	$arepsilon_{arepsilon_0}$
$\psi(\psi(0)+1)$	$arepsilon_{arepsilon_0+1}$
$\psi(\psi(0)\cdot 2)$	$arepsilon_{arepsilon_0\cdot 2}$

Madore's OCF	Veblen 函数
$\psi(\psi(0)\cdot\omega)$	$arepsilon_{arepsilon_0\cdot\omega}$
φ (φ (Φ) ••)	$arepsilon_{\omega^{arepsilon_0+1}}$
$\psi(\psi(0)^2)$	$arepsilon_{arepsilon_0}{}^{_2}$
	$arepsilon_{\omega^{arepsilon_0 \cdot 2}}$
$\psi(\psi(1))$	$arepsilon_{arepsilon_1}$
$\psi(\psi(2))$	$arepsilon_{arepsilon_2}$
$\psi(\psi(\omega))$	$arepsilon_{arepsilon_{\omega}}$
$\psi(\psi(\psi(0)))$	$arepsilon_{arepsilon_{arepsilon_0}}$
$\psi(\Omega)$	ζ_0
$\psi(\Omega) + \omega$	$\zeta_0 + \omega$
$\psi(\Omega) + \psi(0)$	$\zeta_0 + \varepsilon_0$
$\psi(\Omega) + \psi(\psi(0))$	$\zeta_0 + \varepsilon_{\varepsilon_0}$
$\psi(\Omega) \cdot 2$	$\zeta_0 \cdot 2$
$\psi(\Omega)\cdot\omega$	$\zeta_0 \cdot \omega$
$\varphi(z_L) \cdot \omega$	ω^{ζ_0+1}
$\psi(\Omega) \cdot \psi(0)$	$\zeta_0 \cdot arepsilon_0$
	$\omega^{\zeta_0+\varepsilon_0}$
$\psi(\Omega)\cdot\psi(\psi(0))$	$\zeta_0 \cdot arepsilon_{arepsilon_0} \ \omega^{\zeta_0 + arepsilon_{arepsilon_0}}$
	$\frac{\omega^{3\delta+2\delta}}{\zeta_0^2}$
$\psi(\Omega)^2$	$\omega^{\zeta_0 \cdot 2}$
//0//	$\zeta_0^{\ \omega}$
$\psi(\Omega)^{\omega}$	$\omega^{\omega^{\zeta_0+1}}$
$\psi(\Omega)^{\psi(0)}$	$\zeta_0^{\epsilon_0}$
φ(32)	$\omega^{\omega^{\zeta_0+arepsilon_0}}$
$\psi(\Omega)^{\psi(\Omega)}$	$\omega^{\omega^{\zeta_0 \cdot 2}}$
$\psi(\Omega)^{\psi(\Omega)^{\psi(\Omega)}}$	$\zeta_0^{\zeta_0^{\zeta_0}}$
$\psi(\Sigma L)^{*}$	$\omega^{\omega^{\zeta_0 \cdot 2}}$
$\psi(\Omega+1)$	$arepsilon_{\zeta_0+1}$
$\psi(\Omega+1)^2$	$\varepsilon_{\zeta_0+1}^2$
$\psi(2t+1)$	$\omega^{arepsilon_{\zeta_0+1}\cdot 2}$

Madore's OCF	Veblen 函数
$\psi(\Omega+1)^{\psi(\Omega+1)}$	$\varepsilon_{\zeta_0+1}^{\varepsilon_{\zeta_0+1}}$
	$\omega^{\omega^{arepsilon\zeta_0+1\cdot 2}}$
$\psi(\Omega+2)$	$arepsilon_{\zeta_0+2}$
$\psi(\Omega+3)$	ε_{ζ_0+3}
$\psi(\Omega+\omega)$	$arepsilon_{\zeta_0+\omega}$
$\psi(\Omega + \psi(0))$	$arepsilon_{\zeta_0+arepsilon_0}$
$\psi(\Omega + \psi(\psi(0)))$	$arepsilon_{\zeta_0+arepsilon_{arepsilon_0}}$
$\psi(\Omega + \psi(\Omega))$	$arepsilon_{\zeta_0\cdot 2}$
$\psi(\Omega + \psi(\Omega) \cdot 2)$	$arepsilon_{\zeta_0\cdot 3}$
$\psi(\Omega + \psi(\Omega) \cdot \omega)$	$arepsilon_{\zeta_0\cdot\omega}$
γ(' γ() ω)	$arepsilon_{\omega^{\zeta_0+1}}$
$\psi(\Omega + \psi(\Omega)^2)$	$arepsilon_{\zeta_0}{}^{_2}$
	$arepsilon_{\omega^{\zeta_0 \cdot 2}}$
$\psi(\Omega + \psi(\Omega)^{\psi(\Omega)})$	$arepsilon_{\zeta_0} arsigma_0$
,	$arepsilon_{\omega^{\omega}} \zeta_0 \cdot 2$
$\psi(\Omega + \psi(\Omega + 1))$	$\varepsilon_{\varepsilon_{\zeta_0+1}}$
$\psi(\Omega + \psi(\Omega + \psi(0)))$	$arepsilon_{arepsilon_{\zeta_0+arepsilon_0}}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)))$	$arepsilon_{arepsilon_{\zeta_0\cdot 2}}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega + 1)))$	$\varepsilon_{\varepsilon_{\varepsilon_{\zeta_0+1}}}$
$\psi(\Omega \cdot 2)$	ζ_1
$\psi(\Omega \cdot 2) \cdot \omega$	$\zeta_1 \cdot \omega$
Ψ(31.2).ω	ω^{ζ_1+1}
$\psi(\Omega\cdot 2)\cdot\psi(\Omega)$	$\zeta_1\cdot\zeta_0$
7 (2) 7 ()	$\omega^{\zeta_1+\zeta_0}$
$\psi(\Omega \cdot 2)^2$	${\zeta_1}^2$
, , ,	$\omega^{\zeta_1 \cdot 2}$
$\psi(\Omega\cdot 2)^{\psi(\Omega\cdot 2)}$	$\zeta_1^{\zeta_1}$
	$\omega^{\omega^{\zeta_1 \cdot 2}}$
$\psi(\Omega \cdot 2 + 1)$	$arepsilon_{\zeta_1+1}$
$\psi(\Omega \cdot 2 + \psi(\Omega + \psi(\Omega)))$	$arepsilon_{\zeta_1+\zeta_0}$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2))$	$arepsilon_{\zeta_1\cdot 2}$

Madore's OCF	Veblen 函数
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2)^2)$	$arepsilon_{\omega} arsigma_{1} \cdot 2$
	$arepsilon_{\zeta_1^2}$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + 1))$	$arepsilon_{arepsilon_{\zeta_1+1}}$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + 1))$	$arepsilon_{arepsilon_{\zeta_1+1}}$
$\psi(\Omega \cdot 3)$	ζ_2
$\psi(\Omega\cdot 3)\cdot\omega$	$\zeta_2 \cdot \omega$ ω^{ζ_2+1}
$\psi(\Omega\cdot 3+1)$	$arepsilon_{\zeta_2+1}$
$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 3))$	$arepsilon_{\zeta_2\cdot 2}$
$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 3 + 1))$	$arepsilon_{arepsilon_{\zeta_2+1}}$
$\psi(\Omega\cdot 4)$	ζ_3
$\psi(\Omega \cdot 5)$	ζ_4
$\psi(\Omega \cdot \omega)$	ζω
$\psi(\Omega \cdot \psi(0))$	$\zeta_{arepsilon_0}$
$\psi(\Omega \cdot \psi(\psi(0)))$	$\zeta_{arepsilon_{arepsilon_0}}$
$\psi(\Omega\cdot\psi(\Omega))$	ζ_{ζ_0}
$\psi(\Omega \cdot \psi(\Omega \cdot 2))$	ζ_{ζ_1}
$\psi(\Omega \cdot \psi(\Omega \cdot \psi(0)))$	$\zeta_{\zeta_{arepsilon_0}}$
$\psi(\Omega \cdot \psi(\Omega \cdot \psi(\Omega)))$	$\zeta_{\zeta_{\zeta_0}}$
$\psi(\Omega^2)$	η_0
$\psi(\Omega^2)\cdot\omega$	$\eta_0 \cdot \omega$
	$\omega^{\eta_0+1} = \eta_0^{\eta_0}$
$\psi(\Omega^2)^{\psi(\Omega^2)}$	$\omega^{\omega^{\eta_0\cdot 2}}$
$\psi(\Omega^2+1)$	$arepsilon_{\eta_0+1}$
$\psi(\Omega^2 + \psi(\Omega^2))$	$arepsilon_{\eta_0.2}$
$\psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2)))$	$arepsilon_{arepsilon_{\eta_0\cdot 2}}$
$\psi(\Omega^2 + \Omega)$	ζ_{η_0+1}
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2))$	$\zeta_{\eta_0\cdot 2}$

Madore's OCF	Veblen 函数
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega \cdot \psi(\Omega^2)))$	$\zeta_{\zeta_{\eta_0\cdot 2}}$
$\psi(\Omega^2 \cdot 2)$	η_1
$\psi(\Omega^2 \cdot 2) \cdot \omega$	ω^{η_1+1}
$\psi(\Omega^2 \cdot 2 + 1)$	$arepsilon_{\eta_1+1}$
$\psi(\Omega^2 \cdot 2 + \Omega)$	ζ_{η_1+1}
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2 \cdot 2 + \Omega))$	$\zeta_{\zeta_{\eta_1+1}}$
$\psi(\Omega^2 \cdot 3)$	η_2
$\psi(\Omega^2 \cdot 4)$	η_3
$\psi(\Omega^2 \cdot \omega)$	η_ω
$\psi(\Omega^2 \cdot \psi(0))$	$\eta_{arepsilon_0}$
$\psi(\Omega^2 \cdot \psi(\Omega))$	η_{ζ_0}
$\psi(\Omega^2 \cdot \psi(\Omega^2))$	η_{η_0}
$\psi(\Omega^2 \cdot \psi(\Omega^2 \cdot \psi(\Omega^2)))$	$\eta_{\eta_{\eta_0}}$
$\psi(\Omega^3)$	$\varphi(4,0)$
$\psi(\Omega^3)\cdot\omega$	$\omega^{arphi(4,0)+1}$
$\psi(\Omega^3+1)$	$arepsilon_{arphi(4,0)+1}$
$\psi(\Omega^3 + \Omega^2)$	$\eta_{arphi(4,0)+1}$
$\psi(\Omega^3 \cdot 2)$	$\varphi(4,1)$
$\psi(\Omega^3 \cdot 3)$	arphi(4,2)
$\psi(\Omega^3\cdot\omega)$	$arphi(4,\omega)$
$\psi(\Omega^3 \cdot \psi(\Omega^3))$	$\varphi(4,\varphi(4,0))$
$\psi(\Omega^4)$	$\varphi(5,0)$
$\psi(\Omega^4 + \Omega^3)$	$\varphi(4,\varphi(5,0)+1)$
$\psi(\Omega^4 \cdot 2)$	$\varphi(5,1)$
$\psi(\Omega^4 \cdot \psi(\Omega^4))$	$\varphi(5, \varphi(5, 0))$
$\psi(\Omega^5)$	$\varphi(6,0)$

Madore's OCF	Veblen 函数
$\psi(\Omega^6)$	$\varphi(7,0)$
$\psi(\Omega^\omega)$	$\varphi(\omega,0)$
$\psi(\Omega^{\omega}) \cdot \omega$	$\omega^{arphi(\omega,0)+1}$
$\psi(\Omega^{\omega}+1)$	$arepsilon_{arphi(\omega,0)+1}$
$\psi(\Omega^{\omega}+\Omega)$	$\zeta_{arphi(\omega,0)+1}$
$\psi(\Omega^{\omega}+\Omega^2)$	$\eta_{arphi(\omega,0)+1}$
$\psi(\Omega^{\omega} + \Omega^3)$	$\varphi(4,\varphi(\omega,0)+1)$
$\psi(\Omega^{\omega} + \Omega^4)$	$\varphi(5,\varphi(\omega,0)+1)$
$\psi(\Omega^{\omega}+\Omega^5)$	$\varphi(6,\varphi(\omega,0)+1)$
$\psi(\Omega^{\omega}\cdot 2)$	$arphi(\omega,1)$
$\psi(\Omega^{\omega}\cdot 3)$	$arphi(\omega,2)$
$\psi(\Omega^{\omega}\cdot\omega)$	$arphi(\omega,\omega)$
$\psi(\Omega^\omega \cdot \psi(\Omega^\omega))$	$\varphi(\omega,\varphi(\omega,0))$
$\psi(\Omega^{\omega+1})$	$\varphi(\omega+1,0)$
$\psi(\Omega^{\omega+1}+\Omega^{\omega})$	$\varphi(\omega, \varphi(\omega+1,0)+1)$
$\psi(\Omega^{\omega+1}\cdot 2)$	$\varphi(\omega+1,1)$
$\psi(\Omega^{\omega+2})$	$\varphi(\omega+2,0)$
$\psi(\Omega^{\omega+3})$	$\varphi(\omega+3,0)$
$\psi(\Omega^{\omega \cdot 2})$	$arphi(\omega\cdot 2,0)$
$\psi(\Omega^{\omega \cdot 3})$	$arphi(\omega\cdot 3,0)$
$\psi(\Omega^{\omega^2})$	$\varphi(\omega^2,0)$
$\psi(\Omega^{\omega^{\omega}})$	$\varphi(\omega^{\omega},0)$
$\psi(\Omega^{\psi(0)})$	$\varphi(arepsilon_0,0)$
$\psi(\Omega^{\psi(1)})$	$\varphi(arepsilon_1,0)$
$\psi(\Omega^{\psi(\Omega)})$	$arphi(\zeta_0,0)$
$\psi(\Omega^{\psi(\Omega^2)})$	$arphi(\eta_0,0)$

Madore's OCF	Veblen 函数
$\psi(\Omega^{\psi(\Omega^{\omega})})$	$\varphi(\varphi(\omega,0),0)$
$\psi(\Omega^{\psi(\Omega^{\psi(0)}})$	$\varphi(\varphi(\varepsilon_0,0),0)$
$\psi(\Omega^\Omega)$	Γ_0
$\psi(\Omega^\Omega)\cdot 2$	$\frac{\varphi(1,0,0)}{\Gamma_0 \cdot 2}$
$\psi(\Omega^\Omega)\cdot\omega$	$rac{arphi(1,0,0)\cdot 2}{\omega^{\Gamma_0+1}}$
$\psi(\Omega^\Omega)^2$	$\frac{\varphi(\varphi(1,0,0)+1)}{\omega^{\Gamma_0\cdot 2}}$
$\psi(\Omega^{\Omega}+1)$	$\frac{\varphi(\varphi(1,0,0)\cdot 2)}{\varepsilon_{\Gamma_0+1}}$
Ψ(32 1)	$\varphi(1,\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \psi(\Omega^{\Omega}))$	$arphi_{\Gamma_0.2} \ arphi(1,arphi(1,0,0)\cdot 2)$
$\psi(\Omega^{\Omega} + \Omega)$	ζ_{Γ_0+1} $\varphi(2, \varphi(1, 0, 0) + 1)$
$\psi(\Omega^{\Omega}+\Omega^2)$	$\frac{\eta_{\Gamma_0+1}}{\eta_{\Gamma_0+1}}$ $\varphi(3,\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^3)$	$\varphi(3, \varphi(1, 0, 0) + 1)$ $\varphi(4, \varphi(1, 0, 0) + 1)$
$\psi(\Omega^{\Omega} + \Omega^4)$	$\varphi(5,\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\omega})$	$\varphi(\omega, \varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(0)})$	$\varphi(\varepsilon_0, \varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\omega})})$	$\varphi(\varphi(\omega,0),\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\psi(0)})})$	$\varphi(\varphi(\varepsilon_0,0),\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})$	$arphi(\Gamma_0,1)$ $arphi(arphi(1,0,0),1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot 2)$	$arphi(\Gamma_0,2) = arphi(\varphi(1,0,0),2)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot \psi(\Omega^{\Omega}))$	$\varphi(\varphi(1,0,0),2)$ $\varphi(\Gamma_0,\Gamma_0)$ $\varphi(\varphi(1,0,0),\varphi(1,0,0))$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})+1})$	$\frac{\varphi(\varphi(1,0,0),\varphi(1,0,0))}{\varphi(\Gamma_0+1,0)}$ $\varphi(\varphi(1,0,0)+1,0)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) + \omega})$	$\varphi(\varphi(1,0,0)+1,0)$ $\varphi(\Gamma_0+\omega,0)$ $\varphi(\varphi(1,0,0)+\omega,0)$

Madore's OCF	Veblen 函数
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) \cdot 2})$	$\varphi(\Gamma_0 \cdot 2, 0)$
$\varphi(z_{L}+z_{L}, \cdot, \cdot)$	$\varphi(\varphi(1,0,0)\cdot 2,0)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + 1)})$	$\varphi(\varepsilon_{\Gamma_0+1},0)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})})$	$\varphi(\varphi(\Gamma_0,1),0)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} + 1)})$	$\varphi(\varphi(\Gamma_0+1,0),0)$
$\psi(\Omega^\Omega \cdot 2)$	Γ_1
$\psi(\Omega^\Omega \cdot 2 + \Omega^{\psi(\Omega^\Omega)})$	$\varphi(\Gamma_0,\Gamma_1+1)$
$\psi(\Omega^{\Omega} \cdot 2 + \Omega^{\psi(\Omega^{\Omega} \cdot 2)})$	$arphi(\Gamma_1,1)$
$\psi(\Omega^\Omega \cdot 3)$	Γ_2
$\psi(\Omega^\Omega\cdot 4)$	Γ_3
$\psi(\Omega^{\Omega}\cdot\omega)$	Γ_{ω}
$\psi(\Omega^\Omega\cdot\psi(0))$	$\Gamma_{arepsilon_0}$
$\psi(\Omega^\Omega \cdot \psi(\Omega^\Omega))$	Γ_{Γ_0}
$\psi(\Omega^{\Omega+1})$	$\varphi(1,1,0)$
$\psi(\Omega^{\Omega+1} + \Omega^{\omega})$	$\varphi(\omega, \varphi(1, 1, 0) + 1)$
$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega})})$	$\varphi(\Gamma_0, \varphi(1,1,0)+1)$
$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega+1})})$	$\varphi(\varphi(1,1,0),1)$
$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega+1})+1})$	$\varphi(\varphi(1,1,0)+1,1)$
$\psi(\Omega^{\Omega+1} + \Omega^{\Omega})$	$\Gamma_{arphi(1,1,0)+1}$
$\psi(\Omega^{\Omega+1} + \Omega^{\Omega} \cdot \psi(\Omega^{\Omega+1} + \Omega^{\Omega}))$	$\Gamma_{\Gamma_{\varphi(1,1,0)+1}}$
$\psi(\Omega^{\Omega+1}\cdot 2)$	$\varphi(1,1,1)$
$\psi(\Omega^{\Omega+1}\cdot 3)$	$\varphi(1,1,2)$
$\psi(\Omega^{\Omega+1}\cdot\omega)$	$arphi(1,1,\omega)$
$\psi(\Omega^{\Omega+2})$	$\varphi(1,2,0)$
$\psi\left(\Omega^{\Omega+2} + \Omega^{\psi(\Omega^{\Omega+2})+1}\right)$	$\varphi(\varphi(1,2,0)+1,0)$
$\psi\left(\Omega^{\Omega+2} + \Omega^{\Omega}\right)$	$\Gamma_{arphi(1,2,0)+1}$
$\psi \left(\Omega^{\Omega+2} + \Omega^{\Omega} \psi \left(\Omega^{\Omega+2} + \Omega^{\Omega}\right)\right)$	$\Gamma_{\Gamma_{\varphi(1,2,0)+1}}$

Madore's OCF	Veblen 函数
$\psi\left(\Omega^{\Omega+2} + \Omega^{\Omega+1}\right)$	$\varphi(1,1,\varphi(1,2,0)+1)$
$\psi\left(\Omega^{\Omega+2}\cdot 2\right)$	$\varphi(1,2,1)$
$\psi\left(\Omega^{\Omega+2}\cdot\psi\left(\Omega^{\Omega+2}\right)\right)$	$\varphi(1,2,\varphi(1,2,0))$
$\psi\left(\Omega^{\Omega+3}\right)$	$\varphi(1,3,0)$
$\psi\left(\Omega^{\Omega+3}\cdot 2\right)$	$\varphi(1,3,1)$
$\psi\left(\Omega^{\Omega+4}\right)$	$\varphi(1,4,0)$
$\psi\left(\Omega^{\Omega+\omega}\right)$	$\varphi(1,\omega,0)$
$\psi\left(\Omega^{\Omega+\psi(\Omega^{\Omega})}\right)$	$\varphi(1,\varphi(1,0,0),0)$
$\psi\left(\Omega^{\Omega+\psi(\Omega^{\Omega+\psi(\Omega^{\Omega})})}\right)$	$\varphi(1,\varphi(1,\varphi(1,0,0),0),0)$
$\psi\left(\Omega^{\Omega\cdot2} ight)$	arphi(2,0,0)
$\psi\left(\Omega^{\Omega\cdot} + \Omega^{\psi\left(\Omega^{\Omega\cdot2}\right)+1}\right)$	$\varphi(\varphi(2,0,0)+1,0)$
$\psi\left(\Omega^{\Omega\cdot2}+\Omega^\Omega\right)$	$\varphi(1,0,\varphi(2,0,0)+1)$
$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega+\omega}\right)$	$\varphi(1,\omega,\varphi(2,0,0)+1)$
$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega + \psi(\Omega^{\Omega}\cdot 2)}\right)$	$\varphi(1,\varphi(2,0,0),1)$
$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega + \psi(\Omega^{\Omega}\cdot 2) + 1}\right)$	$\varphi(1,\varphi(2,0,0)+1,1)$
$\psi\left(\Omega^{\Omega\cdot2}\cdot2\right)$	arphi(2,0,1)
$\psi\left(\Omega^{\Omega\cdot2}\cdot\psi\left(\Omega^{\Omega\cdot2}\right)\right)$	$\varphi(2,0,\varphi(2,0,0))$
$\psi\left(\Omega^{\Omega\cdot 2+1}\right)$	$\varphi(2,1,0)$
$\psi\left(\Omega^{\Omega\cdot 2+1}\cdot 2\right)$	arphi(2,1,1)
$\psi\left(\Omega^{\Omega\cdot 2+\psi(\Omega^{\Omega}\cdot 2)}\right)$	$\varphi(2,\varphi(2,2,0),0)$
$\psi\left(\Omega^{\Omega\cdot3} ight)$	$\varphi(2,\varphi(3,0,0),0)$
$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\psi(\Omega^{\Omega}\cdot3)}\right)$	$\varphi(\varphi(3,0,0),1)$
$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\Omega+\psi(\Omega^{\Omega}\cdot3)}\right)$	$\varphi(1,\varphi(3,0,0),1)$
$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\Omega\cdot2 + \psi(\Omega^{\Omega}\cdot3)}\right)$	$\varphi(2,\varphi(3,0,0),1)$
$\psi\left(\Omega^{\Omega\cdot3}\cdot2\right)$	$\varphi(3,0,1)$
$\psi\left(\Omega^{\Omega\cdot3+1}\right)$	$\varphi(3,1,0)$

Madore's OCF	Veblen 函数
$\psi\left(\Omega^{\Omega\cdot 4}\right)$	$\varphi(4,0,0)$
$\psi\left(\Omega^{\Omega\cdot5} ight)$	$\varphi(5,0,0)$
$\psi\left(\Omega^{\Omega\cdot\omega} ight)$	$\varphi(\omega,0,0)$
$\psi\left(\Omega^{\Omega\cdot\psi(0)}\right)$	$\varphi(\varepsilon_0,0,0)$
$\psi\left(\Omega^{\Omega\cdot\psi(\Omega^{\Omega})}\right)$	$\varphi(\varphi(1,0,0),0,0)$
$\psi\left(\Omega^{\Omega^2}\right)$	$\varphi(1,0,0,0)$
	$\frac{\varphi(1@3)}{\varphi(\varphi(1,0,0,0),1)}$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(\varphi(1@3)@1,1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega}\right)$	$\varphi(1,0,\varphi(1,0,0,0)+1)$
φ (32 + 32)	$\varphi(1@2, \varphi(1@3) + 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega+1}\right)$	$\varphi(1,1,\varphi(1,0,0,0)+1)$
φ (42 42)	$\varphi(1@2, 1@1, \varphi(1@3) + 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega + \omega}\right)$	$\varphi(1,\omega,\varphi(1,0,0,0)+1)$
ψ (32 + 32)	$\varphi(1@2, \omega@1, \varphi(1@3) + 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega + \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(1,\varphi(1,0,0,0),1)$
φ (32 + 32 · · ·)	$\varphi(1@2, \varphi(1@3)@1, 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 2}\right)$	$\varphi(2,0,\varphi(1,0,0,0)+1)$
φ (33	$\varphi(2@2, \varphi(1@3) + 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 2 + \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(2,\varphi(1,0,0,0),1)$
7 (33 + 33	$\varphi(2@2, \varphi(1@3)@1, 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 3}\right)$	$\varphi(3,0,\varphi(1,0,0,0)+1)$
7 (11 1 11)	$\varphi(3@2, \varphi(1@3) + 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega}\right)}\right)$	$\varphi\left(\Gamma_0,0,\varphi(1,0,0,0)+1\right)$
	$\varphi\left(\Gamma_0@2,\varphi(1@3)+1\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(\varphi(1,0,0,0),0,1)$
	$\varphi(\varphi(1@3)@2,1)$
$\psi \left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi \left(\Omega^{\Omega^2} \right) + 1} \right)$	$\varphi(\varphi(1,0,0,0),1,0)$
	$\varphi(\varphi(1@3)@2, 1@1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right) + \Omega}\right)$	$\varphi(\varphi(1,0,0,0)+1,0,0)$
	$\varphi(\varphi(1@3) + 1@2)$
$\psi \left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi \left(\Omega^{\Omega^2} \right) \cdot 2} \right)$	$\varphi(\varphi(1,0,0,0)2,0,0)$
/	$\varphi(\varphi(1@3)2@2)$
$\psi\left(\Omega^{\Omega^2}\cdot 2 ight)$	$\varphi(1,0,0,1)$
, ,	$\varphi(1@3,1)$

Madore's OCF	Veblen 函数
, ,	$\varphi(1,0,1,0)$
$\psi\left(\Omega^{\Omega^2+1}\right)$	$\varphi(1,0,1,0)$ $\varphi(1@3,1@1)$
(-2 . (-0 ²))	$\varphi(1,0,\varphi(1,0,0,0),0)$
$\psi\left(\Omega^{\Omega^2+\psi\left(\Omega^{\Omega^2} ight)}\right)$	$\varphi(1,0,\varphi(1,0,0,0),0)$ $\varphi(1@3,\varphi(1@3)@1)$
	$\varphi(1@3, \varphi(1@3)@1)$ $\varphi(1,1,0,0)$
$\psi\left(\Omega^{\Omega^2+\Omega}\right)$	$\varphi(1,1,0,0)$ $\varphi(1@3,1@2)$
-2 (-02+0)	$\varphi(1,0,\varphi(1,1,0,0)2,0)$
$\psi \left(\Omega^{\Omega^2 + \Omega} + \Omega^{\Omega^2 + \psi \left(\Omega^{\Omega^2 + \Omega} \right) \cdot 2} \right)$	$\varphi(1@3, \varphi(1@3, 1@2)2@1)$
, , ,	$\varphi(1@3, \varphi(1@3, 1@2)2@1)$ $\varphi(1, 1, 0, 1)$
$\psi\left(\Omega^{\Omega^2+\Omega}\cdot 2\right)$	$\varphi(1,1,0,1)$ $\varphi(1@3,1@2,1)$
	$\varphi(1 \otimes 3, 1 \otimes 2, 1)$ $\varphi(1, 1, 1, 0)$
$\psi\left(\Omega^{\Omega^2+\Omega+1}\right)$	$\varphi(1,1,1,0)$ $\varphi(1@3,1@2,1@1)$
	$\varphi(1 \otimes 3, 1 \otimes 2, 1 \otimes 1)$ $\varphi(1, 2, 0, 0)$
$\psi\left(\Omega^{\Omega^2 + \Omega \cdot 2}\right)$	$\varphi(1@3,2@2)$
(02+0+(002))	$\varphi(1, \varphi(1, 0, 0, 0), 0, 0)$
$\psi\left(\Omega^{\Omega^2+\Omega\cdot\psi\left(\Omega^{\Omega^2} ight)} ight)$	$\varphi(1@3, \varphi(1@3)@2)$
(2)	$\varphi(1@\theta, \varphi(1@\theta)@2)$ $\varphi(2,0,0,0)$
$\psi\left(\Omega^{\Omega^2\cdot 2}\right)$	$\varphi(2@3)$
$\left(\begin{array}{ccc} & & & & & & & & & & \\ & & & & & & & & $	$\varphi(1, \varphi(2, 0, 0, 0), 0, 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega^2 + \Omega \cdot \psi\left(\Omega^{\Omega^2}\right)}\right)$	arphi(1@3,arphi(2@3)@2,1)
(02 0	$\varphi(2,0,0,1)$
$\psi\left(\Omega^{\Omega^2\cdot 2}\cdot 2\right)$	arphi(2@3,1)
(02 0.4)	$\varphi(2,0,1,0)$
$\psi\left(\Omega^{\Omega^2\cdot 2+1}\right)$	arphi(2@3,1@1)
(202211 -)	$\varphi(2,0,2,1)$
$\psi\left(\Omega^{\Omega^2\cdot 2+1}\cdot 2\right)$	$\varphi(2@3, 2@1, 1)$
(202210)	$\varphi(2,1,0,0)$
$\psi\left(\Omega^{\Omega^2\cdot 2+\Omega}\right)$	$\varphi(2@3,1@2)$
(002.3)	$\varphi(2,1,0,0)$
$\psi\left(\Omega^{\Omega^2\cdot 3} ight)$	arphi(2@3,1@2)
$\psi\left(\Omega^{\Omega^2 \cdot \psi(\Omega^\Omega)}\right)$	$\varphi(\varphi(1,0,0,0),0,0,0)$
	$\varphi(\varphi(1@3)@3)$
$\psi\left(\Omega^{\Omega^3}\right)$	$\varphi(1,0,0,0,0)$
	$\varphi(1@4)$
$\psi \left(\Omega^{\Omega^3} + \Omega \psi(\Omega^{\Omega^3}) \right)$	$\varphi(\varphi(1,0,0,0,0),1)$
$\psi\left(\Omega^{\Omega^3} + \Omega^{\psi(\Omega^{\Omega^3})}\right)$	$\varphi(\varphi(1@4)@1,1)$

Madore's OCF	Veblen 函数
$\psi\left(\Omega^{\Omega^3} + \Omega^{\Omega \cdot \psi(\Omega^{\Omega^3})}\right)$	$\varphi(\varphi(1,0,0,0,0),0,1)$
	$\varphi(\varphi(1@4)@2,1)$
$\psi\left(\Omega^{\Omega^3} + \Omega^{\Omega^2 \cdot \psi(\Omega^{\Omega^3})}\right)$	$\varphi(\varphi(1,0,0,0,0),0,0,1)$
ψ (12 + 12 \cdot \cdot)	$\varphi(\varphi(1@4)@3,1)$
$\psi\left(\Omega^{\Omega^3}\cdot 2 ight)$	$\varphi(1,0,0,0,1)$
φ (32 2)	$\varphi(1@4,1)$
$\psi\left(\Omega^{\Omega^3+1}\right)$	$\varphi(1,0,0,1,0)$
γ ()	$\varphi(1@4, 1@1)$
$\psi\left(\Omega^{\Omega^3+\Omega} ight)$	$\varphi(1,0,1,0,0)$
/ / /	$\varphi(1@4, 1@2)$
$\psi\left(\Omega^{\Omega^3+\Omega^2}\right)$	$\varphi(1,1,0,0,0)$
, , ,	$\varphi(1@4, 1@3)$
$\psi\left(\Omega^{\Omega^3\cdot 2}\right)$	$\varphi(2,0,0,0,0)$
	$\varphi(2@4)$
$\psi\left(\Omega^{\Omega^4}\right)$	$\varphi(1,0,0,0,0,0)$
	$\varphi(1@5)$
$\psi\left(\Omega^{\Omega^5}\right)$	$\varphi(1,0,0,0,0,0,0)$
,	$\varphi(1@6)$
$\psi\left(\Omega^{\Omega^6} ight)$	$\varphi(1,0,0,0,0,0,0,0)$
	$\varphi(1@7)$
$\psi\left(\Omega^{\Omega^{\omega}}\right)$	$\varphi(1@\omega)$
$\psi\left(\Omega^{\Omega^{\omega}}+1\right)$	$\varphi(1@1, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega}\right)$	$\varphi(1@2, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^2}\right)$	$\varphi(1@3, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{3}}\right)$	$\varphi(1@4, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^4}\right)$	$\varphi(1@5, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{5}}\right)$	$\varphi(1@6, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^\omega}\cdot 2 ight)$	$\varphi(1@\omega,1)$
$\psi\left(\Omega^{\Omega^{\omega}+1}\right)$	$\varphi(1@\omega, 1@1)$
$\psi\left(\Omega^{\Omega^{\omega}+\psi(\Omega^{\Omega^{\omega}})}\right)$	$\varphi(1@\omega, \varphi(1@\omega)@1)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega}\right)$	$\varphi(1@\omega, 1@2)$
$\psi\left(\Omega^{\Omega^{\omega} + \Omega \cdot \psi(\Omega^{\Omega^{\omega}})}\right)$	$\varphi(1@\omega, \varphi(1@\omega)@2)$

Madore's OCF	Veblen 函数
$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{2}}\right)$	$\varphi(1@\omega, 1@3)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{3}}\right)$	$\varphi(1@\omega, 1@4)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{4}}\right)$	$\varphi(1@\omega, 1@5)$
$\psi\left(\Omega^{\Omega^{\omega}\cdot 2}\right)$	$\varphi(2@\omega)$
$\psi\left(\Omega^{\Omega^{\omega}\cdot\psi(\Omega^{\Omega^{\omega}})}\right)$	$\varphi(\varphi(1@\omega)@\omega)$
$\psi\left(\Omega^{\Omega^{\omega+1}}\right)$	$\varphi(1@\omega+1)$
$\psi\left(\Omega^{\Omega^{\omega+1}} + \Omega^{\Omega^{\omega}}\right)$	$\varphi(\varphi(1@\omega+1)@\omega,1)$
$\psi\left(\Omega^{\Omega^{\omega+1}}\cdot 2\right)$	$\varphi(1@\omega+1,1)$
$\psi\left(\Omega^{\Omega^{\omega+1}+1}\right)$	$\varphi(1@\omega+1,1@1)$
$\psi\left(\Omega^{\Omega^{\omega+1}+\Omega}\right)$	$\varphi(1@\omega+1,1@2)$
$\psi\left(\Omega^{\Omega^{\omega+1}+\Omega^{\omega}}\right)$	$\varphi(1@\omega+1,1@\omega)$
$\psi\left(\Omega^{\Omega^{\omega+1}\cdot 2}\right)$	$\varphi(2@\omega+1)$
$\psi\left(\Omega^{\Omega^{\omega+2}}\right)$	$\varphi(1@\omega+2)$
$\psi\left(\Omega^{\Omega^{\omega+3}}\right)$	$\varphi(1@\omega+3)$
$\psi\left(\Omega^{\Omega^{\omega\cdot2}}\right)$	$arphi(1@\omega\cdot 2)$
$\psi\left(\Omega^{\Omega^{\omega^2}}\right)$	$arphi(1@\omega^2)$
$\psi\left(\Omega^{\Omega^{\psi(0)}}\right)$	$arphi(1@arepsilon_0)$
$\psi\left(\Omega^{\Omega^{\psi(\Omega)}} ight)$	$arphi(1@\zeta_0)$
$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega})}}\right)$	$arphi(1@\Gamma_0)$
$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega^2})}} ight)$	$\varphi(1@\varphi(1@3))$
$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega^{\omega}})}}\right)$	$\varphi(1@\varphi(1@\omega))$
$\psi\left(\Omega^{\Omega^{\Omega}} ight)$	$\varphi(1@(1,0))$
$\psi\left(\Omega^{\Omega^{\Omega}} + \Omega^{\psi\left(\Omega^{\Omega^{\Omega}}\right)}\right)$	$\varphi(\varphi(1@(1,0))@1,1)$
$\psi\left(\Omega^{\Omega^{\Omega}} + \Omega^{\Omega^{\omega} \cdot \psi\left(\Omega^{\Omega^{\Omega}}\right)}\right)$	$\varphi(\varphi(1@(1,0))@\omega,1)$
$\psi\left(\Omega^{\Omega^{\Omega}}\cdot 2\right)$	$\varphi(1@(1,0),1)$
$\psi\left(\Omega^{\Omega^{\Omega}+1}\right)$	$\varphi(1@(1,0),1@1)$

Madore's OCF	Veblen 函数
$\psi\left(\Omega^{\Omega^{\Omega}+\Omega^{\omega}}\right)$	$\varphi(1@(1,0),1@\omega)$
$\psi\left(\Omega^{\Omega^{\Omega}\cdot 2}\right)$	$\varphi(2@(1,0))$
$\psi\left(\Omega^{\Omega^{\Omega}\cdot\psi\left(\Omega^{\Omega^{\Omega}} ight)} ight)$	$\varphi(\varphi(1@(1,0))@(1,0))$
$\psi\left(\Omega^{\Omega^{\Omega+1}}\right)$	$\varphi(1@(1,1))$
$\psi\left(\Omega^{\Omega^{\Omega+1}} + \Omega^{\Omega^{\Omega} \cdot \psi(\Omega^{\Omega^{\Omega+1}})}\right)$	$\varphi(\varphi(1@(1,1))@(1,0),1)$
$\psi\left(\Omega^{\Omega^{\Omega+1}\cdot 2}\right)$	$\varphi(2@(1,1))$
$\psi\left(\Omega^{\Omega^{\Omega+2}}\right)$	$\varphi(1@(1,2))$
$\psi\left(\Omega^{\Omega^{\Omega+\omega}}\right)$	$\varphi(1@(1,\omega))$
$\psi\left(\Omega^{\Omega^{\Omega+\psi\left(\Omega^{\Omega^{\Omega}}\right)}}\right)$	$\varphi(1@(1, \varphi(1@(1, 0))))$
$\psi\left(\Omega^{\Omega^{\Omega\cdot 2}}\right)$	$\varphi(1@(2,0))$
$\psi\left(\Omega^{\Omega^{\Omega\cdot 2}}\right)$ $\psi\left(\Omega^{\Omega^{\Omega\cdot 2+\psi\left(\Omega^{\Omega^{\Omega\cdot 2}}\right)}}\right)$	$\varphi(1@(2,\varphi(1@(2,0))))$
$\psi\left(\Omega^{\Omega^{\Omega\cdot3}}\right)$	$\varphi(1@(3,0))$
$\psi\left(\Omega^{\Omega^{\Omega \cdot \omega}}\right)$	$\varphi(1@(\omega,0))$
$\psi\left(\Omega^{\Omega^{\Omega\cdot\psi}\left(\Omega^{\Omega^{\Omega}}\right)}\right)$	$\varphi(1@(\varphi(1@(1,0)),0))$
$\psi\left(\Omega^{\Omega^{\Omega^2}}\right)$	$\varphi(1@(1,0,0))$
$\psi\left(\Omega^{\Omega^{\Omega^2}\cdot 2}\right)$	$\varphi(2@(1,0,0))$
$\psi\left(\Omega^{\Omega^{\Omega^2+1}}\right)$	$\varphi(1@(1,0,1))$
$\psi\left(\Omega^{\Omega^{\Omega^2+\Omega}}\right)$	$\varphi(1@(1,1,0))$
$\psi\left(\Omega^{\Omega^{\Omega^2 \cdot 2}}\right)$	$\varphi(1@(2,0,0))$
$\psi\left(\Omega^{\Omega^{\Omega^3}} ight)$	$\varphi(1@(1,0,0,0))$
	$\varphi(1@(1@3))$
$\psi\left(\Omega^{\Omega^{\Omega^3\cdot 2}}\right)$	$\varphi(1@(2@3))$
$\psi\left(\Omega^{\Omega^{\Omega^4}}\right)$	$\varphi(1@(1@4))$
$\psi\left(\Omega^{\Omega^{\Omega^{\omega}}}\right)$	$\varphi(1@(1@\omega))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}\right)$	$\varphi(1@(1@(1,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}+1\right)$	$\varphi(1@1, \varphi(1@(1@(1,0))) + 1)$

Madore's OCF	Veblen 函数
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}\cdot 2\right)$	$\varphi(1@(1@(1,0)),1)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}+1}\right)$	$\varphi(1@(1@(1,0)), 1@1)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}\cdot 2}\right)$	$\varphi(2@(1@(1,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega+1}}}\right)$	$\varphi(1@(1@(1,0),1))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}\cdot 2}}\right)$	$\varphi(1@(2@(1,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega+1}}}\right)$	$\varphi(1@(1@(1,1)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega \cdot 2}}}\right)$	$\varphi(1@(1@(2,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^2}}\right)$	$\varphi(1@(1@(1,0,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega^{\Omega}}}}\right)$	$\varphi(1@(1@(1@(1,0))))$
$\psi\left(\psi_1(0)\right)$	$\varphi(1@(1,,0))$

A.5 BOCF vs Cantor 式/Veblen 函数

本节的结果主要引自[1]。

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(0)$	1
$\psi(0)\cdot 2$	2
$\psi(0)\cdot 3$	3
$\psi(1)$	ω
$\psi(1) + \psi(0)$	$\omega + 1$
$\psi(1) + \psi(0) \cdot 2$	$\omega + 2$
$\psi(1) + \psi(0) \cdot 5$	$\omega + 5$
$\psi(1) \cdot 2$	$\omega \cdot 2$
$\psi(1) \cdot 2 + \psi(0)$	$\omega \cdot 2 + 1$
$\psi(1)\cdot 3$	$\omega \cdot 3$
$\psi(2)$	ω^2
$\psi(2) + 1$	$\omega^2 + 1$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(2) + 2$	$\omega^2 + 2$
$\psi(2) + \psi(1)$	$\omega^2 + \omega$
$\psi(2) + \psi(1) + \psi(0)$	$\omega^2 + \omega + 1$
$\psi(2) + \psi(1) \cdot 2$	$\omega^2 + \omega \cdot 2$
$\psi(2) \cdot 2 + \psi(1)$	$\omega^2 \cdot 2 + \omega$
$\psi(2)\cdot 3$	$\omega^2 \cdot 3$
$\psi(3)$	ω^3
$\psi(3) + 1$	$\omega^3 + 1$
$\psi(3) + \psi(1)$	$\omega^3 + \omega$
$\psi(3) + \psi(2)$	$\omega^3 + \omega^2$
$\psi(3)\cdot 2$	$\omega^3 \cdot 2$
$\psi(3)\cdot 3$	$\omega^3 \cdot 3$
$\psi(4)$	ω^4
$\psi(4)\cdot 2$	$\omega^4 \cdot 2$
$\psi(5)$	ω^5
$\psi(\psi(1))$	ω^{ω}
$\psi(\psi(1)) + \psi(0)$	$\omega^{\omega} + 1$
$\psi(\psi(1)) + \psi(0) \cdot 2$	$\omega^{\omega} + 2$
$\psi(\psi(1)) + \psi(1)$	$\omega^{\omega} + \omega$
$\psi(\psi(1)) + \psi(1) \cdot 2$	$\omega^{\omega} + \omega \cdot 2$
$\psi(\psi(1)) + \psi(2)$	$\omega^{\omega} + \omega^2$
$\psi(\psi(1)) + \psi(3)$	$\omega^{\omega} + \omega^3$
$\psi(\psi(1)) \cdot 2$	$\omega^{\omega} \cdot 2$
$\psi(\psi(1)) \cdot 3$	$\omega^\omega \cdot 3$
$\psi(\psi(1)+1)$	$\omega^{\omega+1}$
$\psi(\psi(1)+1)+\psi(0)$	$\omega^{\omega+1}+1$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\psi(1)+1)+\psi(1)$	$\omega^{\omega+1} + \omega$
$\psi(\psi(1)+1)+\psi(2)$	$\omega^{\omega+1} + \omega^2$
$\psi(\psi(1)+1)+\psi(3)$	$\omega^{\omega+1} + \omega^3$
$\psi(\psi(1)+1)+\psi(\psi(1))$	$\omega^{\omega+1} + \omega^{\omega}$
$\psi(\psi(1)+1)+\psi(\psi(1))\cdot 2$	$\omega^{\omega+1} + \omega^{\omega} \cdot 2$
$\psi(\psi(1)+1)\cdot 2$	$\omega^{\omega+1}\cdot 2$
$\psi(\psi(1)+1)\cdot 3$	$\omega^{\omega+1}\cdot 3$
$\psi(\psi(1)+2)$	$\omega^{\omega+2}$
$\psi(\psi(1)+2)+\psi(\psi(1))$	$\omega^{\omega+2} + \omega^{\omega}$
$\psi(\psi(1) + 2) + \psi(\psi(1) + 1)$	$\omega^{\omega+2} + \omega^{\omega+1}$
$\psi(\psi(1)+3)$	$\omega^{\omega+3}$
$\psi(\psi(1)+4)$	$\omega^{\omega+4}$
$\psi(\psi(1)\cdot 2)$	$\omega^{\omega\cdot 2}$
$\psi(\psi(1)\cdot 2) + \psi(1)$	$\omega^{\omega \cdot 2} + \omega$
$\psi(\psi(1)\cdot 2) + \psi(\psi(1))$	$\omega^{\omega \cdot 2} + \omega^{\omega}$
$\psi(\psi(1)\cdot 2) + \psi(\psi(1) + 1)$	$\omega^{\omega \cdot 2} + \omega^{\omega + 1}$
$\psi(\psi(1)\cdot 2) + \psi(\psi(1) + 2)$	$\omega^{\omega \cdot 2} + \omega^{\omega + 2}$
$\psi(\psi(1)\cdot 2)\cdot 2$	$\omega^{\omega \cdot 2} \cdot 2$
$\psi(\psi(1)\cdot 2+1)$	$\omega^{\omega \cdot 2 + 1}$
$\psi(\psi(1)\cdot 2+1)\cdot 2$	$\omega^{\omega\cdot 2+1}\cdot 2$
$\psi(\psi(1)\cdot 2+2)$	$\omega^{\omega\cdot 2+2}$
$\psi(\psi(1)\cdot 2+3)$	$\omega^{\omega\cdot 2+3}$
$\psi(\psi(1)\cdot 3)$	$\omega^{\omega\cdot 3}$
$\psi(\psi(1)\cdot 3+1)$	$\omega^{\omega\cdot 3+1}$
$\psi(\psi(1)\cdot 4)$	$\omega^{\omega\cdot 4}$
$\psi(\psi(2))$	ω^{ω^2}

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\psi(2))\cdot 2$	$\omega^{\omega^2} \cdot 2$
$\psi(\psi(2)+1)$	ω^{ω^2+1}
$\psi(\psi(2)+2)$	ω^{ω^2+2}
$\psi(\psi(2) + \psi(1))$	$\omega^{\omega^2+\omega}$
$\psi(\psi(2) + \psi(1) + 1)$	$\omega^{\omega^2+\omega+1}$
$\psi(\psi(2) + \psi(1) \cdot 2)$	$\omega^{\omega^2+\omega\cdot 2}$
$\psi(\psi(2) + \psi(1) \cdot 3)$	$\omega^{\omega^2+\omega\cdot 3}$
$\psi(\psi(2)\cdot 2)$	$\omega^{\omega^2 \cdot 2}$
$\psi(\psi(2)\cdot 3)$	$\omega^{\omega^2 \cdot 3}$
$\psi(\psi(3))$	ω^{ω^3}
$\psi(\psi(3)+1)$	ω^{ω^3+1}
$\psi(\psi(3) + \psi(1))$	$\omega^{\omega^3+\omega}$
$\psi(\psi(3) + \psi(2))$	$\omega^{\omega^3+\omega^2}$
$\psi(\psi(3)\cdot 2)$	$\omega^{\omega^3 \cdot 2}$
$\psi(\psi(4))$	ω^{ω^4}
$\psi(\psi(4)\cdot 2)$	$\omega^{\omega^4 \cdot 2}$
$\psi(\psi(5))$	ω^{ω^5}
$\psi(\psi(\psi(1)))$	$\omega^{\omega^{\omega}}$
$\psi(\psi(\psi(1))) + \psi(1)$	$\omega^{\omega^{\omega}} + \omega$
$\psi(\psi(\psi(1))) + \psi(\psi(1))$	$\omega^{\omega^{\omega}} + \omega^{\omega}$
$\psi(\psi(\psi(1))) \cdot 2$	$\omega^{\omega^{\omega}} \cdot 2$
$\psi(\psi(\psi(1))+1)$	$\omega^{\omega^{\omega}+1}$
$\psi(\psi(\psi(1)) + \psi(1))$	$\omega^{\omega^{\omega}+\omega}$
$\psi(\psi(\psi(1))\cdot 2)$	$\omega^{\omega^{\omega}\cdot 2}$
$\psi(\psi(\psi(1)+1))$	$\omega^{\omega^{\omega+1}}$
$\psi(\psi(\psi(1)\cdot 2))$	$\omega^{\omega^{\omega}\cdot 2}$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\psi(\psi(2)))$	$\omega^{\omega^{-2}}$
$\psi(\psi(\psi(\psi(1))))$	$\omega^{\omega^{\omega}}$
$\psi(\psi(\psi(\psi(1)))) + 1$	$\omega^{\omega^{\omega^{\omega}}} + 1$
$\psi(\psi(\psi(\psi(1)))+1)$	$\omega^{\omega^{\omega^{\omega}}+1}$
$\psi(\psi(\psi(\psi(1))+1))$	$\omega^{\omega^{\omega^{\omega}+1}}$
$\psi(\psi(\psi(\psi(1)+1)))$	$\omega^{\omega^{\omega^{+1}}}$
$\psi(\psi(\psi(\psi(2))))$	$\omega^{\omega^{\omega^2}}$
$\psi(\psi(\psi(\psi(\psi(1)))))$	$\omega^{\omega^{\omega^{\omega^{\omega}}}}$
$\psi(\Omega)$	ε_0
$\psi(\Omega) + \psi(0)$	$\varepsilon_0 + 1$
$\psi(\Omega) + \psi(1)$	$\varepsilon_0 + \omega$
$\psi(\Omega) + \psi(\psi(1))$	$\varepsilon_0 + \omega^{\omega}$
$\psi(\Omega) + \psi(\psi(\psi(1)))$	$\varepsilon_0 + \omega^{\omega^{\omega}}$
$\psi(\Omega) \cdot 2$	$\varepsilon_0 \cdot 2$
$\psi(\Omega) \cdot 3$	$\varepsilon_0 \cdot 3$
$\psi(\Omega+1)$	$arepsilon_0 \cdot \omega$ $\omega^{arepsilon_0 + 1}$
$\psi(\Omega+1)+\psi(1)$	$\varepsilon_0 \cdot \omega + \omega$ $\omega^{\varepsilon_0 + 1} + \omega$
$\psi(\Omega+1) + \psi(\psi(1))$	$\varepsilon_0 \cdot \omega + \omega^{\omega}$ $\omega^{\varepsilon_0 + 1} + \omega^{\omega}$
$\psi(\Omega+1)\cdot 2$	$arepsilon_0 \cdot \omega \cdot 2$ $\omega^{arepsilon_0 + 1} \cdot 2$
$\psi(\Omega+2)$	$arepsilon_0 \cdot \omega^2$ $\omega^{arepsilon_0 + 2}$
$\psi(\Omega+2)\cdot 2$	$arepsilon_0 \cdot \omega^2 \cdot 2$ $\omega^{arepsilon_0 + 2} \cdot 2$
$\psi(\Omega+3)$	$\varepsilon_0 \cdot \omega^3$ $\omega^{\varepsilon_0 + 3}$
$\psi(\Omega + \psi(1))$	$arepsilon_0 \cdot \omega^\omega \ \omega^{arepsilon_0 + \omega}$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega+\psi(2))$	$arepsilon_0 \cdot \omega^{\omega^2}$
	$\omega^{arepsilon_0+\omega^2}$
	$arepsilon_0 \cdot \omega^{\omega^\omega}$
$\psi(\Omega + \psi(\psi(1)))$	$\omega^{arepsilon_0+\omega^\omega}$
//0 / //0)	ε_0^2
$\psi(\Omega + \psi(\Omega))$	$\omega^{arepsilon_0 \cdot 2}$
$ah(\Omega + ah(\Omega)) + ah(1)$	$\varepsilon_0^2 + \omega$
$\psi(\Omega + \psi(\Omega)) + \psi(1)$	$\omega^{\varepsilon_0 \cdot 2} + \omega$
	$\varepsilon_0^2 + \omega^\omega$
$\psi(\Omega + \psi(\Omega)) + \psi(\psi(1))$	$\omega^{\varepsilon_0 \cdot 2} + \omega^{\omega}$
$\psi(\Omega + \psi(\Omega)) + \psi(\Omega)$	$\varepsilon_0^2 + \varepsilon_0$
$\psi(\mathfrak{z}\iota+\psi(\mathfrak{z}\iota))+\psi(\mathfrak{z}\iota)$	$\omega^{\varepsilon_0 \cdot 2} + \varepsilon_0$
$\psi(\Omega + \psi(\Omega)) + \psi(\Omega + 1)$	$\varepsilon_0^2 + \varepsilon_0 \cdot \omega$
$\psi(\mathfrak{z}\iota+\psi(\mathfrak{z}\iota))+\psi(\mathfrak{z}\iota+\mathfrak{z})$	$\omega^{\varepsilon_0 \cdot 2} + \omega^{\varepsilon_0 + 1}$
$\psi(\Omega + \psi(\Omega)) \cdot 2$	$\varepsilon_0^2 \cdot 2$
$\psi(3z + \psi(3z)) \cdot z$	$\omega^{arepsilon_0\cdot 2}\cdot 2$
$\psi(\Omega + \psi(\Omega) + 1)$	${\varepsilon_0}^2 \cdot \omega$
$\varphi(32+\varphi(32)+1)$	$\omega^{arepsilon_0 \cdot 2 + 1}$
$\psi(\Omega + \psi(\Omega) + \psi(1))$	$\varepsilon_0^2 \cdot \omega^{\omega}$
φ(32 φ(32) φ(1))	$\omega^{arepsilon_0\cdot 2+\omega}$
$\psi(\Omega + \psi(\Omega) \cdot 2)$	${arepsilon_0}^3$
φ(ε3 + φ(ε3) 2)	$\omega^{arepsilon_0\cdot 3}$
$\psi(\Omega + \psi(\Omega) \cdot 3)$	${arepsilon_0}^4$
φ (== 1 φ (==) σ)	$\omega^{arepsilon_0\cdot 4}$
$\psi(\Omega + \psi(\Omega + 1))$	$arepsilon_0^{\;\omega}$
, , , , , , , , , , , , , , , , , , , ,	$\omega^{\omega^{\varepsilon_0+1}}$
$\psi(\Omega + \psi(\Omega+1)) \cdot 2$	$\varepsilon_0^{\ \omega} \cdot 2$
, , , , , , , , , , , , , , , , , , , ,	$\omega^{\omega^{\varepsilon_0+1}} \cdot 2$
$\psi(\Omega + \psi(\Omega + 1) + 1)$	$\varepsilon_0^{\ \omega} \cdot \omega$
, , , , , , , , ,	$\omega^{\omega^{\varepsilon_0+1}+1}$
$\psi(\Omega + \psi(\Omega + 1) + \psi(1))$	$\varepsilon_0^{\ \omega}\cdot\omega^{\omega}$
	$\omega^{\omega^{\varepsilon_0+1}+\omega}$
$\psi(\Omega + \psi(\Omega + 1) + \psi(\Omega))$	$\varepsilon_0^{\omega+1}$
	$\omega^{\omega^{\varepsilon_0+1}+\varepsilon_0}$
$\psi(\Omega + \psi(\Omega + 1) + \psi(\Omega) \cdot 2)$	$\varepsilon_0^{\omega+2}$
τ (· τ (· -) · Ψ () -)	$\omega^{\omega^{arepsilon_0+1}+arepsilon_0\cdot 2}$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega + \psi(\Omega + 1) \cdot 2)$	$\varepsilon_0^{\omega\cdot 2}$
	$\omega^{\omega^{\epsilon_0+1}\cdot 2}$
$\psi(\Omega + \psi(\Omega+2))$	$\varepsilon_0^{\omega^2}$
7 (1 7 (1 -/))	$\omega^{\omega^{\epsilon_0+2}}$
$\psi(\Omega + \psi(\Omega + \psi(1)))$	$\omega^{\omega^{arepsilon_0+\omega}}$
$\psi(\Omega + \psi(\Omega + \psi(\psi(1))))$	$\varepsilon_0^{\omega^\omega}$
	$\omega^{\omega^{\epsilon_0+\omega^{\omega}}}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)))$	$\omega^{\omega^{\epsilon_0 \cdot 2}}$
	$\varepsilon_0^{\varepsilon_0}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)) + 1)$	$\varepsilon_0^{\varepsilon_0} \cdot \omega$
	$\omega^{\omega^{\varepsilon_0 \cdot 2} + 1}$ $\varepsilon_0^{\varepsilon_0 + 1}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)) + \psi(\Omega))$	$\omega^{\omega^{\epsilon_0 \cdot 2} + \epsilon_0}$
	$\varepsilon_0^{\varepsilon_0+\omega}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)) + \psi(\Omega + 1))$	$\omega^{\omega^{\varepsilon_0 \cdot 2} + \omega^{\varepsilon_0 + 1}}$
	$\varepsilon_0^{\varepsilon_0 \cdot 2}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)) \cdot 2)$	$\omega^{\omega^{arepsilon_0\cdot 2}\cdot 2}$
//0 - //0 - //0) - 1))	$\varepsilon_0^{\varepsilon_0\cdot\omega}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega) + 1))$	$\omega^{\omega^{arepsilon_0 \cdot 2 + 1}}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega) \cdot 2))$	$\varepsilon_0^{\varepsilon_0^2}$
$\psi(3z + \psi(3z + \psi(3z) \cdot 2))$	$\omega^{\omega^{\epsilon_0\cdot 3}}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega + 1)))$	$\varepsilon_0^{\varepsilon_0}$
γ (· γ (· γ (· -)))	$\omega^{\omega^{\omega^{\varepsilon_0+1}}}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega + \psi(\Omega))))$	$\varepsilon_0^{\varepsilon_0^{\varepsilon_0}}$
	$\omega^{\omega^{arepsilon_0 \cdot 2}}$
$\psi(\Omega \cdot 2)$	$arepsilon_1$
$\psi(\Omega \cdot 2) + \psi(\Omega)$	$\varepsilon_1 + \varepsilon_0$
$\psi(\Omega \cdot 2) + \psi(\Omega + 1)$	$\varepsilon_1 + \varepsilon_0 \cdot \omega$
$\psi(32\cdot 2) + \psi(32+1)$	$\varepsilon_1 + \omega^{\varepsilon_0 + 1}$
$\psi(\Omega \cdot 2) + \psi(\Omega + \psi(\Omega + 1))$	$\varepsilon_1 + \varepsilon_0^{\ \omega}$
7 () 4 (4 (1))	$\varepsilon_1 + \omega^{\omega^{\varepsilon_0}}$
$\psi(\Omega\cdot 2)\cdot 2$	$arepsilon_1 \cdot 2$
$\psi(\Omega \cdot 2 + 1)$	$arepsilon_1 \cdot \omega$
$\psi(2\iota\cdot 2+1)$	ω^{ε_1+1}

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega \cdot 2 + \psi(\Omega))$	$arepsilon_1 \cdot arepsilon_0$
Ψ (Ψ ())	$\omega^{\varepsilon_1+\varepsilon_0}$
$\psi(\Omega \cdot 2 + \psi(\Omega + \psi(\Omega)))$	$\varepsilon_1 \cdot {\varepsilon_0}^2$
	$\omega^{\varepsilon_1+\omega^{\varepsilon_0\cdot 2}}$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2) \cdot 2)$	ε_1^2
	$\omega^{\varepsilon_1 \cdot 2}$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2) \cdot 3)$	ε_1^3
	$\omega^{\varepsilon_1 \cdot 3}$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + 1))$	$arepsilon_1^{\omega} \ \omega^{\omega^{arepsilon_1+1}}$
	$\varepsilon_1^{\varepsilon_0}$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + \psi(\Omega)))$	$\omega^{\omega^{\varepsilon_1+\varepsilon_0}}$
	$\varepsilon_1^{\varepsilon_1}$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + \psi(\Omega \cdot 2)))$	$\omega^{\omega^{arepsilon_1 \cdot 2}}$
$\psi(\Omega \cdot 3)$	
$\psi(3z\cdot 3)$	$arepsilon_2$
$\psi(\Omega \cdot 3 + 1)$	$arepsilon_2 \cdot \omega$ $\omega^{arepsilon_2+1}$
	$\varepsilon_2 \cdot \varepsilon_0$
$\psi(\Omega \cdot 3 + \psi(\Omega))$	$\omega^{arepsilon_2+arepsilon_0}$
	$arepsilon_2 \cdot arepsilon_1$
$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 2))$	$\omega^{arepsilon_2+arepsilon_1}$
1/0 0 1/0 0	$arepsilon_2^2$
$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 3))$	$\omega^{arepsilon_2 \cdot 2}$
/(0, 2 + /(0, 2 + 1))	$arepsilon_2^{\ \omega}$
$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 3 + 1))$	$\omega^{\omega^{arepsilon_2+1}}$
$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 3 + \psi(\Omega \cdot 3)))$	$\varepsilon_2^{\varepsilon_2}$
$\psi(zz \cdot 3 + \psi(zz \cdot 3 + \psi(zz \cdot 3)))$	$\omega^{\omega^{arepsilon_2 \cdot 2}}$
$\psi(\Omega\cdot 4)$	$arepsilon_3$
//0 / / //0 / //	${\varepsilon_3}^2$
$\psi(\Omega \cdot 4 + \psi(\Omega \cdot 4))$	$\omega^{arepsilon_3 \cdot 2}$
$\psi(\Omega \cdot 5)$	$arepsilon_4$
$\psi(\Omega \cdot 6)$	$arepsilon_5$
$\psi(\Omega\cdot\psi(1))$	
$\psi(\mathfrak{s}\iota\cdot\psi(\mathfrak{1}))$	$arepsilon_{\omega}^{}^{}^{}^{}$
$\psi(\Omega \cdot \psi(1) + \psi(\Omega \cdot \psi(1)))$	$arepsilon_{\omega}^{-}$ $\omega^{arepsilon_{\omega}\cdot 2}$
	ω^{ω}

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega \cdot \psi(1) + \Omega)$	$arepsilon_{\omega+1}$
$\psi(\Omega \cdot \psi(1) + \Omega \cdot 2)$	$arepsilon_{\omega+2}$
$\psi(\Omega \cdot \psi(1) \cdot 2)$	$arepsilon_{\omega \cdot 2}$
$\psi(\Omega\cdot\psi(2))$	$arepsilon_{\omega^2}$
$\psi(\Omega \cdot \psi(\psi(1)))$	$arepsilon_{\omega^\omega}$
$\psi(\Omega \cdot \psi(\psi(\psi(1))))$	$arepsilon_{\omega^{\omega^{\omega}}}$
$\psi(\Omega\cdot\psi(\Omega))$	$arepsilon_{arepsilon_0}$
$\psi(\Omega \cdot \psi(\Omega) + \Omega)$	$arepsilon_{arepsilon_0+1}$
$\psi(\Omega \cdot \psi(\Omega) \cdot 2)$	$arepsilon_{arepsilon_0 \cdot 2}$
$\psi(\Omega \cdot \psi(\Omega+1))$	$arepsilon_{arepsilon_0 \cdot \omega}$ $arepsilon_{\omega^{arepsilon_0 + 1}}$
$\psi(\Omega \cdot \psi(\Omega + \psi(\Omega)))$	$arepsilon_{arepsilon_0^{arepsilon_0}}^{arepsilon_0^{arepsilon}}$
$\psi(\Omega \cdot \psi(\Omega \cdot 2))$	$arepsilon_{arepsilon_1}$
$\psi(\Omega \cdot \psi(\Omega \cdot 3))$	$arepsilon_{arepsilon_2}$
$\psi(\Omega\cdot\psi(\Omega\cdot\psi(1)))$	$arepsilon_{arepsilon_{\omega}}$
$\psi(\Omega \cdot \psi(\Omega \cdot \psi(\Omega)))$	$arepsilon_{arepsilon_{arepsilon_0}}$
$\psi(\Omega^2)$	ζ_0
$\psi(\Omega^2) + \psi(1)$	$\zeta_0 + \omega$
$\psi(\Omega^2) + \psi(\Omega)$	$\zeta_0 + \varepsilon_0$
$\psi(\Omega^2) + \psi(\Omega \cdot \psi(\Omega))$	$\zeta_0 + \varepsilon_{\varepsilon_0}$
$\psi(\Omega^2) \cdot 2$	$\zeta_0 \cdot 2$
$\psi(\Omega^2+1)$	$\zeta_0 \cdot \omega$ ω^{ζ_0+1}
$\psi(\Omega^2 + \psi(\Omega))$	$\zeta_0 \cdot \varepsilon_0$ $\omega^{\zeta_0 + \varepsilon_0}$
$\psi(\Omega^2 + \psi(\Omega \cdot \psi(\Omega)))$	$\zeta_0 \cdot arepsilon_{arepsilon_0} \ \omega^{\zeta_0 + arepsilon_{arepsilon_0}}$
$\psi(\Omega^2 + \psi(\Omega^2))$	${\zeta_0}^2 \ \omega^{\zeta_0 \cdot 2}$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega^2 + \psi(\Omega^2 + 1))$	$\zeta_0^{\ \omega}$
	$\frac{\omega^{\omega^{\zeta_0+1}}}{\zeta_0^{\varepsilon_0}}$
$\psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega)))$	$\omega^{\omega^{\zeta_0+arepsilon_0}}$
$\psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2)))$	$\zeta_0^{\zeta_0}$
$\psi(\mathfrak{U}+\psi(\mathfrak{U}+\psi(\mathfrak{U})))$	$\omega^{\omega^{\zeta_0 \cdot 2}}$
$\psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2))))$	$\zeta_0^{\zeta_0^{\zeta_0}}$ $\omega^{\omega^{\omega_0\cdot 2}}$
$\psi(\Omega^2 + \Omega)$	
ψ (22 + 22)	ε_{ζ_0+1}
$\psi(\Omega^2 + \Omega + \psi(\Omega^2 + \Omega))$	$arepsilon_{\zeta_0+1}^2 \ \omega^{arepsilon_{\zeta_0+1}\cdot 2}$
***(O2 O ***(O2 O ***(O2 O)))	$\varepsilon_{\zeta_0+1}^{\varepsilon_{\zeta_0+1}}$
$\psi(\Omega^2 + \Omega + \psi(\Omega^2 + \Omega + \psi(\Omega^2 + \Omega)))$	$\omega^{\omega^{arepsilon_{\zeta_0+1}\cdot 2}}$
$\psi(\Omega^2 + \Omega \cdot 2)$	$arepsilon_{\zeta_0+2}$
$\psi(\Omega^2 + \Omega \cdot 3)$	$arepsilon_{\zeta_0+3}$
$\psi(\Omega^2 + \Omega \cdot \omega)$	$arepsilon_{\zeta_0+\omega}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega))$	$arepsilon_{\zeta_0+arepsilon_0}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega \cdot \psi(\Omega)))$	$arepsilon_{\zeta_0+arepsilon_{arepsilon_0}}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2))$	$arepsilon_{\zeta_0\cdot 2}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2) \cdot 2)$	$arepsilon_{\zeta_0\cdot 3}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + 1))$	$arepsilon_{\zeta_0\cdot\omega}$
$\varphi(3z + 3z \cdot \varphi(3z + 1))$	$arepsilon_{\omega^{\zeta_0+1}}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \psi(\Omega^2)))$	$arepsilon_{\omega^{\zeta_0 \cdot 2}}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2))))$	$arepsilon_{\zeta_0} arepsilon_0$
	$arepsilon_{\omega^{\omega}} arsigma_{0} \cdot 2$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega))$	$\varepsilon_{\varepsilon_{\zeta_0+1}}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega \cdot \psi(\Omega)))$	$\varepsilon_{\varepsilon_{\zeta_0+\varepsilon_0}}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega \cdot \psi(\Omega^2)))$	$arepsilon_{arepsilon \zeta_0 \cdot 2}$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega)))$	$arepsilon_{arepsilon_{arepsilon_{\zeta_0+1}}}$
$\psi(\Omega^2 \cdot 2)$	ζ_1

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega^2 \cdot 2 + 1)$	$\zeta_1 \cdot \omega$
	ω^{ζ_1+1}
$\psi(\Omega^2 \cdot 2 + \psi(\Omega^2))$	$\zeta_1 \cdot \zeta_0 \ \omega^{\zeta_1 + \zeta_0}$
	$\frac{\omega}{{\zeta_1}^2}$
$\psi(\Omega^2 \cdot 2 + \psi(\Omega^2 \cdot 2))$	$\omega^{\zeta_1\cdot 2}$
$\psi(\Omega^2 \cdot 2 + \psi(\Omega^2 \cdot 2 + \psi(\Omega^2 \cdot 2)))$	$\zeta_1^{\zeta_1}$
	$\omega^{\omega^{\zeta_1\cdot 2}}$
$\psi(\Omega^2 \cdot 2 + \Omega)$	$arepsilon_{\zeta_1+1}$
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2))$	$arepsilon_{\zeta_1+\zeta_0}$
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2 \cdot 2))$	$arepsilon_{\zeta_1\cdot 2}$
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2 \cdot 2 + \psi(\Omega^2 \cdot 2)))$	$arepsilon_{\omega^{\zeta_1 \cdot 2}}$
$\psi(\mathfrak{sl} + 2 + \mathfrak{sl} + \psi(\mathfrak{sl} + 2 + \psi(\mathfrak{sl} + 2)))$	$arepsilon_{\zeta_1{}^2}$
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2 \cdot 2 + \Omega))$	$\varepsilon_{\varepsilon_{\zeta_1+1}}$
$\psi(\Omega^2\cdot 3)$	ζ_2
$\psi(\Omega^2 \cdot 3 + 1)$	$\zeta_2 \cdot \omega$
φ(11 0 1)	ω^{ζ_2+1}
$\psi(\Omega^2 \cdot 3 + \Omega)$	$arepsilon_{\zeta_2+1}$
$\psi(\Omega^2 \cdot 3 + \Omega \cdot \psi(\Omega^2 \cdot 3))$	$arepsilon_{\zeta_2 \cdot 2}$
$\psi(\Omega^2 \cdot 3 + \Omega \cdot \psi(\Omega^2 \cdot 3 + \Omega))$	$arepsilon_{arepsilon_{\zeta_2+1}}$
$\psi(\Omega^2 \cdot 4)$	ζ_3
$\psi(\Omega^2 \cdot 5)$	ζ_4
$\psi(\Omega^2 \cdot \psi(1))$	ζ_{ω}
$\psi(\Omega^2 \cdot \psi(\Omega))$	$\zeta_{arepsilon_0}$
$\psi(\Omega^2 \cdot \psi(\Omega \cdot \psi(\Omega)))$	$\zeta_{arepsilon_{arepsilon_0}}$
$\psi(\Omega^2 \cdot \psi(\Omega^2))$	ζ_{ζ_0}
$\psi(\Omega^2 \cdot \psi(\Omega^2 \cdot 2))$	ζ_{ζ_1}
$\psi(\Omega^2 \cdot \psi(\Omega^2 \cdot \psi(\Omega)))$	$\zeta_{\zeta_{arepsilon_0}}$
$\psi(\Omega^2 \cdot \psi(\Omega^2 \cdot \psi(\Omega^2)))$	$\zeta_{\zeta_{\zeta_0}}$
$\psi(\Omega^3)$	η_0

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega^3+1)$	$\eta_0 \cdot \omega$
	ω^{η_0+1}
$\psi(\Omega^3 + \psi(\Omega^3 + \psi(\Omega^3)))$	$\eta_0^{\eta_0} \ \omega^{\omega^{\eta_0+2}}$
$\psi(\Omega^3 + \Omega)$	
, , ,	ε_{η_0+1}
$\psi(\Omega^3 + \Omega \cdot \psi(\Omega^3))$	$arepsilon_{\eta_0\cdot 2}$
$\psi(\Omega^3 + \Omega \cdot \psi(\Omega^3 + \Omega\psi(\Omega^3)))$	$arepsilon_{arepsilon\eta_0\cdot 2}$
$\psi(\Omega^3+\Omega^2)$	ζ_{η_0+1}
$\psi(\Omega^3 + \Omega^2 \cdot \psi(\Omega^3))$	$\zeta_{\eta_0\cdot 2}$
$\psi(\Omega^3 + \Omega^2 \psi(\Omega^3 + \Omega^2 \cdot \psi(\Omega^3)))$	$\zeta_{\zeta_{\eta_0\cdot 2}}$
$\psi(\Omega^3\cdot 2)$	η_1
$\psi(\Omega^3 \cdot 2 + 1)$	$\eta_1 \cdot \omega$
	ω^{η_1+1}
$\psi(\Omega^3 \cdot 2 + \Omega)$	ε_{η_1+1}
$\psi(\Omega^3 \cdot 2 + \Omega^2)$	ζ_{η_1+1}
$\psi(\Omega^3 \cdot 2 + \Omega^2 \cdot \psi(\Omega^3 \cdot 2 + \Omega^2))$	$\zeta_{\zeta_{\eta_1+1}}$
$\psi(\Omega^3\cdot 3)$	η_2
$\psi(\Omega^3\cdot 4)$	η_3
$\psi(\Omega^3 \cdot \psi(1))$	η_ω
$\psi(\Omega^3\cdot\psi(\Omega))$	$\eta_{arepsilon_0}$
$\psi(\Omega^3\cdot\psi(\Omega^2))$	η_{ζ_0}
$\psi(\Omega^3 \cdot \psi(\Omega^3))$	η_{η_0}
$\psi(\Omega^3 \cdot \psi(\Omega^3 \cdot \psi(\Omega^3)))$	$\eta_{\eta_{\eta_0}}$
$\psi(\Omega^4)$	$\varphi(4,0)$
$\psi(\Omega^4+1)$	$\omega^{arphi(4,0)+1}$
$\psi(\Omega^4+\Omega)$	$\varepsilon_{arphi(4,0)+1}$
$\psi(\Omega^4+\Omega^3)$	$\eta_{arphi(4,0)+1}$
$\psi(\Omega^4\cdot 2)$	arphi(4,1)

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega^4 \cdot 3)$	arphi(4,2)
$\psi(\Omega^4 \cdot \psi(1))$	$arphi(4,\omega)$
$\psi(\Omega^4 \cdot \psi(\Omega^4))$	$\varphi(4, \varphi(4, 0))$
$\psi(\Omega^5)$	$\varphi(5,0)$
$\psi(\Omega^5 + \Omega^4)$	$\varphi(4,\varphi(5,0)+1)$
$\psi(\Omega^5 \cdot 2)$	arphi(5,1)
$\psi(\Omega^5 \cdot \psi(\Omega^5))$	$\varphi(5, \varphi(5, 0))$
$\psi(\Omega^6)$	arphi(6,0)
$\psi(\Omega^7)$	$\varphi(7,0)$
$\psi(\Omega^\omega)$	$arphi(\omega,0)$
$\psi(\Omega^{\omega}+1)$	$\omega^{arphi(\omega,0)+1}$
$\psi(\Omega^{\omega}+\Omega)$	$arepsilon_{arphi(\omega,0)+1}$
$\psi(\Omega^{\omega} + \Omega^2)$	$\zeta_{arphi(\omega,0)+1}$
$\psi(\Omega^{\omega} + \Omega^3)$	$\eta_{arphi(\omega,0)+1}$
$\psi(\Omega^{\omega} + \Omega^4)$	$\varphi(4,\varphi(\omega,0)+1)$
$\psi(\Omega^{\omega} + \Omega^5)$	$\varphi(5, \varphi(\omega, 0) + 1)$
$\psi(\Omega^{\omega} + \Omega^{6})$	$\varphi(6,\varphi(\omega,0)+1)$
$\psi(\Omega^{\omega}\cdot 2)$	$arphi(\omega,1)$
$\psi(\Omega^{\omega}\cdot 3)$	$arphi(\omega,2)$
$\psi(\Omega^{\omega}\cdot\psi(1))$	$arphi(\omega,\omega)$
$\psi(\Omega^\omega \cdot \psi(\Omega^\omega))$	$\varphi(\omega, \varphi(\omega, 0))$
$\psi(\Omega^{\omega+1})$	$\varphi(\omega+1,0)$
$\psi(\Omega^{\omega+1}+\Omega^{\omega})$	$\varphi(\omega, \varphi(\omega+1,0)+1)$
$\psi(\Omega^{\omega+1}\cdot 2)$	$\varphi(\omega+1,1)$
$\psi(\Omega^{\omega+2})$	$\varphi(\omega+2,0)$
$\psi(\Omega^{\omega+3})$	$\varphi(\omega+3,0)$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega^{\omega \cdot 2})$	$\varphi(\omega \cdot 2, 0)$
$\psi(\Omega^{\omega \cdot 3})$	$\varphi(\omega\cdot 3,0)$
$\psi(\Omega^{\psi(2)})$	$\varphi(\omega^2,0)$
$\psi(\Omega^{\psi(\psi(1))})$	$\varphi(\omega^{\omega},0)$
$\psi(\Omega^{\psi(\Omega)})$	$\varphi(arepsilon_0,0)$
$\psi(\Omega^{\psi(\Omega\cdot 2)})$	$\varphi(arepsilon_1,0)$
$\psi(\Omega^{\psi(\Omega^2)})$	$arphi(\zeta_0,0)$
$\psi(\Omega^{\psi(\Omega^3)})$	$\varphi(\eta_0,0)$
$\psi(\Omega^{\psi(\Omega^\omega)})$	$\varphi(\varphi(\omega,0),0)$
$\psi(\Omega^{\psi(\Omega^{\psi(\Omega)})})$	$\varphi(\varphi(arepsilon_0,0),0)$
$\psi(\Omega^\Omega)$	Γ_0
	$\varphi(1,0,0)$
$\psi(\Omega^\Omega)\cdot 2$	$\Gamma_0 \cdot 2 \ arphi(1,0,0) \cdot 2$
$\psi(\Omega^{\Omega}+1)$	ω^{Γ_0+1}
φ (1 2)	$\varphi(\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \psi(\Omega^{\Omega}))$	$\omega^{\Gamma_0 \cdot 2}$
_	$\varphi(\varphi(1,0,0)\cdot 2)$ ε_{Γ_0+1}
$\psi(\Omega^{\Omega} + \Omega)$	$\varphi(1,\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})$	$arepsilon_{\Gamma_0\cdot 2}$
	$\varphi(1,\varphi(1,0,0)\cdot 2)$
$\psi(\Omega^{\Omega} + \Omega^2)$	ζ_{Γ_0+1} $\varphi(2,\varphi(1,0,0)+1)$
//00 + 03)	η_{Γ_0+1}
$\psi(\Omega^{\Omega} + \Omega^3)$	$\varphi(3,\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^4)$	$\varphi(4,\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega}+\Omega^{5})$	$\varphi(5, \varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\omega})$	$\varphi(\omega, \varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega)})$	$\varphi(\varepsilon_0, \varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\omega})})$	$\varphi(\varphi(\omega,0),\varphi(1,0,0)+1)$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\psi(0)})})$	$\varphi(\varphi(\varepsilon_0,0),\varphi(1,0,0)+1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})$	$\varphi(\Gamma_0,1)$
$\psi(\Omega L^{+} + \Omega L^{+})$	$\varphi(\varphi(1,0,0),1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot 2)$	$\varphi(\Gamma_0,2)$
	$\varphi(\varphi(1,0,0),2)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot \psi(\Omega^{\Omega}))$	$\varphi(\Gamma_0,\Gamma_0)$
	$\frac{\varphi(\varphi(1,0,0),\varphi(1,0,0))}{\varphi(\Gamma_0+1,0)}$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})+1})$	$\varphi(1,0,1,0)$ $\varphi(\varphi(1,0,0)+1,0)$
2 (22)	$\frac{\varphi(\varphi(1,0,0)+1,0)}{\varphi(\Gamma_0+\omega,0)}$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) + \omega})$	$\varphi(\varphi(1,0,0)+\omega,0)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) \cdot 2})$	$\varphi(\Gamma_0 \cdot 2, 0)$
$\psi(\Omega + \Omega \cap \gamma)$	$\varphi(\varphi(1,0,0)\cdot 2,0)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega)})$	$arphi(arepsilon_{\Gamma_0+1},0)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})})$	$\varphi(\varphi(\Gamma_0,1),0)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} + \Omega)})$	$\varphi(\varphi(\Gamma_0+1,0),0)$
$\psi(\Omega^{\Omega}\cdot 2)$	Γ_1
$\psi(\Omega^{\Omega} \cdot 2 + \Omega^{\psi(\Omega^{\Omega})})$	$\varphi(\Gamma_0,\Gamma_1+1)$
$\psi(\Omega^{\Omega} \cdot 2 + \Omega^{\psi(\Omega^{\Omega} \cdot 2)})$	$arphi(\Gamma_1,1)$
$\psi(\Omega^{\Omega}\cdot 3)$	Γ_2
$\psi(\Omega^\Omega \cdot 4)$	Γ_3
$\psi(\Omega^{\Omega}\cdot\omega)$	Γ_{ω}
$\psi(\Omega^\Omega \cdot \psi(0))$	$\Gamma_{arepsilon_0}$
$\psi(\Omega^\Omega \cdot \psi(\Omega^\Omega))$	Γ_{Γ_0}
$\psi(\Omega^{\Omega+1})$	$\varphi(1,1,0)$
$\psi(\Omega^{\Omega+1} + \Omega^{\omega})$	$\varphi(\omega, \varphi(1, 1, 0) + 1)$
$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega})})$	$\varphi(\Gamma_0, \varphi(1, 1, 0) + 1)$
$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega+1})})$	$\varphi(\varphi(1,1,0),1)$
$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega+1})+1})$	$\varphi(\varphi(1,1,0)+1,1)$
$\psi(\Omega^{\Omega+1} + \Omega^{\Omega})$	$\Gamma_{arphi(1,1,0)+1}$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi(\Omega^{\Omega+1} + \Omega^{\Omega} \cdot \psi(\Omega^{\Omega+1} + \Omega^{\Omega}))$	$\Gamma_{\Gamma_{arphi(1,1,0)+1}}$
$\psi(\Omega^{\Omega+1}\cdot 2)$	$\varphi(1,1,1)$
$\psi(\Omega^{\Omega+1}\cdot 3)$	$\varphi(1,1,2)$
$\psi(\Omega^{\Omega+1}\cdot\omega)$	$\varphi(1,1,\omega)$
$\psi(\Omega^{\Omega+2})$	$\varphi(1,2,0)$
$\psi\left(\Omega^{\Omega+2} + \Omega^{\psi\left(\Omega^{\Omega+2}\right)+1}\right)$	$\varphi(\varphi(1,2,0)+1,0)$
$\psi\left(\Omega^{\Omega+2}+\Omega^{\Omega}\right)$	$\Gamma_{arphi(1,2,0)+1}$
$\psi \left(\Omega^{\Omega+2} + \Omega^{\Omega} \psi \left(\Omega^{\Omega+2} + \Omega^{\Omega}\right)\right)$	$\Gamma_{\Gamma_{arphi(1,2,0)+1}}$
$\psi\left(\Omega^{\Omega+2} + \Omega^{\Omega+1}\right)$	$\varphi(1,1,\varphi(1,2,0)+1)$
$\psi\left(\Omega^{\Omega+2}\cdot 2\right)$	$\varphi(1,2,1)$
$\psi\left(\Omega^{\Omega+2}\cdot\psi\left(\Omega^{\Omega+2}\right)\right)$	$\varphi(1,2,\varphi(1,2,0))$
$\psi\left(\Omega^{\Omega+3}\right)$	$\varphi(1,3,0)$
$\psi\left(\Omega^{\Omega+3}\cdot 2\right)$	$\varphi(1,3,1)$
$\psi\left(\Omega^{\Omega+4}\right)$	$\varphi(1,4,0)$
$\psi\left(\Omega^{\Omega+\omega}\right)$	$\varphi(1,\omega,0)$
$\psi\left(\Omega^{\Omega+\psi(\Omega^{\Omega})}\right)$	$\varphi(1,\varphi(1,0,0),0)$
$\psi\left(\Omega^{\Omega+\psi(\Omega^{\Omega+\psi(\Omega^{\Omega})})}\right)$	$\varphi(1,\varphi(1,\varphi(1,0,0),0),0)$
$\psi\left(\Omega^{\Omega\cdot2} ight)$	$\varphi(2,0,0)$
$\psi\left(\Omega^{\Omega\cdot} + \Omega^{\psi\left(\Omega^{\Omega\cdot2}\right)+1}\right)$	$\varphi(\varphi(2,0,0)+1,0)$
$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega}\right)$	$\varphi(1,0,\varphi(2,0,0)+1)$
$\psi\left(\Omega^{\Omega\cdot2} + \Omega^{\Omega+\omega}\right)$	$\varphi(1,\omega,\varphi(2,0,0)+1)$
$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega + \psi(\Omega^{\Omega}\cdot 2)}\right)$	$\varphi(1,\varphi(2,0,0),1)$
$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega + \psi(\Omega^{\Omega}\cdot 2) + 1}\right)$	$\varphi(1,\varphi(2,0,0)+1,1)$
$\psi\left(\Omega^{\Omega\cdot2}\cdot2 ight)$	$\varphi(2,0,1)$
$\psi\left(\Omega^{\Omega\cdot2}\cdot\psi\left(\Omega^{\Omega\cdot2}\right)\right)$	$\varphi(2,0,\varphi(2,0,0))$
$\psi\left(\Omega^{\Omega\cdot 2+1} ight)$	$\varphi(2,1,0)$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi\left(\Omega^{\Omega\cdot 2+1}\cdot 2\right)$	$\varphi(2,1,1)$
$\psi\left(\Omega^{\Omega\cdot 2+\psi(\Omega^{\Omega}\cdot 2)}\right)$	$\varphi(2,\varphi(2,2,0),0)$
$\psi\left(\Omega^{\Omega\cdot3}\right)$	$\varphi(3,0,0)$
$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\psi(\Omega^{\Omega}\cdot3)}\right)$	$\varphi(\varphi(3,0,0),1)$
$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\Omega+\psi(\Omega^\Omega\cdot3)}\right)$	$\varphi(1,\varphi(3,0,0),1)$
$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\Omega\cdot2 + \psi(\Omega^{\Omega}\cdot3)}\right)$	$\varphi(2, \varphi(3,0,0), 1)$
$\psi\left(\Omega^{\Omega\cdot3}\cdot2 ight)$	$\varphi(3,0,1)$
$\psi\left(\Omega^{\Omega\cdot3+1}\right)$	$\varphi(3,1,0)$
$\psi\left(\Omega^{\Omega\cdot 4}\right)$	$\varphi(4,0,0)$
$\psi\left(\Omega^{\Omega\cdot5} ight)$	$\varphi(5,0,0)$
$\psi\left(\Omega^{\Omega\cdot\omega}\right)$	$\varphi(\omega,0,0)$
$\psi\left(\Omega^{\Omega\cdot\psi(0)}\right)$	$\varphi(\varepsilon_0,0,0)$
$\psi\left(\Omega^{\Omega\cdot\psi(\Omega^\Omega)} ight)$	$\varphi(\varphi(1,0,0),0,0)$
$\psi\left(\Omega^{\Omega^2}\right)$	$\varphi(1,0,0,0)$
	$\varphi(1@3)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(\varphi(1,0,0,0),1)$
, ()	$\varphi(\varphi(1@3)@1,1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega}\right)$	$\varphi(1,0,\varphi(1,0,0,0)+1)$
Ψ (32 + 32)	$\varphi(1@2, \varphi(1@3) + 1)$
(0.02 + 0.041)	$\varphi(1,1,\varphi(1,0,0,0)+1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega+1}\right)$	$\varphi(1@2, 1@1, \varphi(1@3) + 1)$
(-02 -01)	$\varphi(1,\omega,\varphi(1,0,0,0)+1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega + \omega}\right)$	$\varphi(1@2, \omega@1, \varphi(1@3) + 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega + \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(1,\varphi(1,0,0,0),1)$
	arphi(1@2,arphi(1@3)@1,1)
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 2}\right)$	$\varphi(1@2, \varphi(1@0)@1, 1)$ $\varphi(2, 0, \varphi(1, 0, 0, 0) + 1)$
	$\varphi(2,0,\varphi(1,0,0,0)+1)$ $\varphi(2@2,\varphi(1@3)+1)$
(()2)	$\varphi(2 \otimes 2, \varphi(1 \otimes 3) + 1)$ $\varphi(2, \varphi(1, 0, 0, 0), 1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 2 + \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(2, \varphi(1, 0, 0, 0), 1)$ $\varphi(2@2, \varphi(1@3)@1, 1)$
	$\varphi(3,0,\varphi(1,0,0,0)+1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 3}\right)$	
,	$\varphi(3@2, \varphi(1@3) + 1)$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega}\right)}\right)$	$\varphi\left(\Gamma_0,0,\varphi(1,0,0,0)+1\right)$
	$\varphi\left(\Gamma_0@2,\varphi(1@3)+1\right)$
$\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi}(\Omega^{\Omega^2})\right)$	$\varphi(\varphi(1,0,0,0),0,1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(\varphi(1@3)@2,1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega\cdot\psi\left(\Omega^{\Omega^2}\right)+1}\right)$	$\varphi(\varphi(1,0,0,0),1,0)$
ψ (12 + 12 \cdot)	$\varphi(\varphi(1@3)@2,1@1)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right) + \Omega}\right)$	$\varphi(\varphi(1,0,0,0)+1,0,0)$
	$\varphi(\varphi(1@3) + 1@2)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right) \cdot 2}\right)$	$\varphi(\varphi(1,0,0,0)2,0,0)$
ψ (32 + 32 · · ·)	$\varphi(\varphi(1@3)2@2)$
$\psi\left(\Omega^{\Omega^2}\cdot 2 ight)$	$\varphi(1,0,0,1)$
$\varphi(z-z)$	$\varphi(1@3,1)$
$\psi\left(\Omega^{\Omega^2+1} ight)$	$\varphi(1,0,1,0)$
ψ (32	$\varphi(1@3,1@1)$
$\psi\left(\Omega^{\Omega^2+\psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(1,0,\varphi(1,0,0,0),0)$
φ (32	$\varphi(1@3,\varphi(1@3)@1)$
$\psi\left(\Omega^{\Omega^2+\Omega} ight)$	$\varphi(1,1,0,0)$
Ψ	$\varphi(1@3,1@2)$
$\psi \left(\Omega^{\Omega^2 + \Omega} + \Omega^{\Omega^2 + \psi \left(\Omega^{\Omega^2 + \Omega} \right) \cdot 2} \right)$	$\varphi(1,0,\varphi(1,1,0,0)2,0)$
φ (32 1 32)	$\varphi(1@3, \varphi(1@3, 1@2)2@1)$
$\psi\left(\Omega^{\Omega^2+\Omega}\cdot 2\right)$	$\varphi(1,1,0,1)$
φ ()	$\varphi(1@3, 1@2, 1)$
$\psi\left(\Omega^{\Omega^2+\Omega+1} ight)$	$\varphi(1,1,1,0)$
φ (33)	$\varphi(1@3, 1@2, 1@1)$
$\psi\left(\Omega^{\Omega^2+\Omega\cdot 2}\right)$	$\varphi(1,2,0,0)$
φ ()	$\varphi(1@3, 2@2)$
$\psi\left(\Omega^{\Omega^2+\Omega\cdot\psi\left(\Omega^{\Omega^2} ight)} ight)$	$\varphi(1, \varphi(1, 0, 0, 0), 0, 0)$
, (11	$\varphi(1@3,\varphi(1@3)@2)$
$\psi\left(\Omega^{\Omega^2\cdot 2} ight)$	$\varphi(2,0,0,0)$
ψ (32	$\varphi(2@3)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega^2 + \Omega \cdot \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\varphi(1, \varphi(2, 0, 0, 0), 0, 1)$
	$\varphi(1@3, \varphi(2@3)@2, 1)$
$\psi\left(\Omega^{\Omega^2\cdot 2}\cdot 2\right)$	$\varphi(2,0,0,1)$
	$\varphi(2@3,1)$
$\psi\left(\Omega^{\Omega^2\cdot 2+1} ight)$	$\varphi(2,0,1,0)$
Ψ (32	$\varphi(2@3, 1@1)$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi\left(\Omega^{\Omega^2\cdot 2+1}\cdot 2\right)$	$\varphi(2,0,2,1)$
	$\varphi(2@3, 2@1, 1)$
$\left(\Omega^{\Omega^2\cdot 2+\Omega}\right)$	$\varphi(2,1,0,0)$
$\psi\left(\Omega^{\Omega^2\cdot 2+\Omega}\right)$	$\varphi(2@3, 1@2)$
$\psi\left(\Omega^{\Omega^2\cdot 3}\right)$	$\varphi(2,1,0,0)$
ψ (12	$\varphi(2@3,1@2)$
$\psi\left(\Omega^{\Omega^2\cdot\psi(\Omega^\Omega)}\right)$	$\varphi(\varphi(1,0,0,0),0,0,0)$
φ (32	$\varphi(\varphi(1@3)@3)$
$\psi\left(\Omega^{\Omega^3} ight)$	$\varphi(1,0,0,0,0)$
ψ (32)	$\varphi(1@4)$
$\psi\left(\Omega^{\Omega^3} + \Omega^{\psi(\Omega^{\Omega^3})}\right)$	$\varphi(\varphi(1,0,0,0,0),1)$
φ (13	$\varphi(\varphi(1@4)@1,1)$
$\psi\left(\Omega^{\Omega^3} + \Omega^{\Omega \cdot \psi(\Omega^{\Omega^3})}\right)$	$\varphi(\varphi(1,0,0,0,0),0,1)$
ψ (-1 , -1)	$\varphi(\varphi(1@4)@2,1)$
$\psi\left(\Omega^{\Omega^3} + \Omega^{\Omega^2 \cdot \psi(\Omega^{\Omega^3})}\right)$	$\varphi(\varphi(1,0,0,0,0),0,0,1)$
7 ()	$\varphi(\varphi(1@4)@3,1)$
$\psi\left(\Omega^{\Omega^3}\cdot 2 ight)$	$\varphi(1,0,0,0,1)$
, ()	$\varphi(1@4,1)$
$\psi\left(\Omega^{\Omega^3+1}\right)$	$\varphi(1,0,0,1,0)$
	$\varphi(1@4, 1@1)$
$\psi\left(\Omega^{\Omega^3+\Omega}\right)$	$\varphi(1,0,1,0,0)$
,	$\varphi(1@4, 1@2)$
$\psi\left(\Omega^{\Omega^3+\Omega^2}\right)$	$\varphi(1,1,0,0,0)$
,	$\varphi(1@4, 1@3)$
$\psi\left(\Omega^{\Omega^3\cdot 2}\right)$	$\varphi(2,0,0,0,0)$
,	$\varphi(2@4)$
$\psi\left(\Omega^{\Omega^4}\right)$	$\varphi(1,0,0,0,0,0)$
,	$\varphi(1@5)$
$\psi\left(\Omega^{\Omega^5} ight)$	$\varphi(1,0,0,0,0,0,0)$
	$\varphi(1@6)$
$\psi\left(\Omega^{\Omega^6} ight)$	$\varphi(1,0,0,0,0,0,0)$
	$\varphi(1@7)$
$\psi\left(\Omega^{\Omega^{\omega}}\right)$	$\varphi(1@\omega)$
$\psi\left(\Omega^{\Omega^{\omega}}+\Omega\right)$	$\varphi(1@1, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega}\right)$	$\varphi(1@2, \varphi(1@\omega) + 1)$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^2}\right)$	$\varphi(1@3, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{3}}\right)$	$\varphi(1@4, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{4}}\right)$	$\varphi(1@5, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{5}}\right)$	$\varphi(1@6, \varphi(1@\omega) + 1)$
$\psi\left(\Omega^{\Omega^{\omega}}\cdot 2\right)$	$\varphi(1@\omega,1)$
$\psi\left(\Omega^{\Omega^{\omega}+1}\right)$	$arphi(1@\omega,1@1)$
$\psi\left(\Omega^{\Omega^{\omega}+\psi(\Omega^{\Omega^{\omega}})}\right)$	$\varphi(1@\omega, \varphi(1@\omega)@1)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega}\right)$	$\varphi(1@\omega,1@2)$
$\psi\left(\Omega^{\Omega^{\omega} + \Omega \cdot \psi(\Omega^{\Omega^{\omega}})}\right)$	$\varphi(1@\omega, \varphi(1@\omega)@2)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{2}}\right)$	$\varphi(1@\omega, 1@3)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{3}}\right)$	$\varphi(1@\omega, 1@4)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{4}}\right)$	$\varphi(1@\omega, 1@5)$
$\psi\left(\Omega^{\Omega^{\omega}\cdot 2}\right)$	$\varphi(2@\omega)$
$\psi\left(\Omega^{\Omega^{\omega}\cdot\psi(\Omega^{\Omega^{\omega}})}\right)$	$\varphi(\varphi(1@\omega)@\omega)$
$\psi\left(\Omega^{\Omega^{\omega+1}}\right)$	$\varphi(1@\omega+1)$
$\psi\left(\Omega^{\Omega^{\omega+1}} + \Omega^{\Omega^{\omega}}\right)$	$\varphi(\varphi(1@\omega+1)@\omega,1)$
$\psi\left(\Omega^{\Omega^{\omega+1}}\cdot 2\right)$	$\varphi(1@\omega+1,1)$
$\psi\left(\Omega^{\Omega^{\omega+1}+1}\right)$	$\varphi(1@\omega+1,1@1)$
$\psi\left(\Omega^{\Omega^{\omega+1}+\Omega}\right)$	$\varphi(1@\omega+1,1@2)$
$\psi\left(\Omega^{\Omega^{\omega+1}+\Omega^{\omega}}\right)$	$\varphi(1@\omega+1,1@\omega)$
$\psi\left(\Omega^{\Omega^{\omega+1}\cdot 2}\right)$	$\varphi(2@\omega+1)$
$\psi\left(\Omega^{\Omega^{\omega+2}}\right)$	$\varphi(1@\omega+2)$
$\psi\left(\Omega^{\Omega^{\omega+3}}\right)$	$\varphi(1@\omega+3)$
$\psi\left(\Omega^{\Omega^{\omega-2}}\right)$	$\varphi(1@\omega \cdot 2)$
$\psi\left(\Omega^{\Omega^{\omega^2}}\right)$	$arphi(1@\omega^2)$
$\psi\left(\Omega^{\Omega^{\psi(0)}}\right)$	$\varphi(1@arepsilon_0)$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi\left(\Omega^{\Omega^{\psi(\Omega)}}\right)$	$\varphi(1@\zeta_0)$
$\psi\left(\Omega^{\Omega^{\psi}(\Omega^{\Omega})}\right)$	$\varphi(1@\Gamma_0)$
$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega^2})}}\right)$	$\varphi(1@\varphi(1@3))$
$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega^{\omega}})}}\right)$	$\varphi(1@\varphi(1@\omega))$
$\psi\left(\Omega^{\Omega^{\Omega}}\right)$	$\varphi(1@(1,0))$
$\psi\left(\Omega^{\Omega^{\Omega}} + \Omega^{\psi\left(\Omega^{\Omega^{\Omega}}\right)}\right)$	$\varphi(\varphi(1@(1,0))@1,1)$
$\psi\left(\Omega^{\Omega^{\Omega}} + \Omega^{\Omega^{\omega} \cdot \psi\left(\Omega^{\Omega^{\Omega}}\right)}\right)$	$\varphi(\varphi(1@(1,0))@\omega,1)$
$\psi\left(\Omega^{\Omega^{\Omega}}\cdot 2\right)$	$\varphi(1@(1,0),1)$
$\psi\left(\Omega^{\Omega^{\Omega}+1}\right)$	$\varphi(1@(1,0),1@1)$
$\psi\left(\Omega^{\Omega^{\Omega}+\Omega^{\omega}}\right)$	$\varphi(1@(1,0),1@\omega)$
$\psi\left(\Omega^{\Omega^{\Omega}\cdot 2}\right)$	$\varphi(2@(1,0))$
$\psi\left(\Omega^{\Omega^{\Omega}\cdot\psi\left(\Omega^{\Omega^{\Omega}}\right)}\right)$	$\varphi(\varphi(1@(1,0))@(1,0))$
$\psi\left(\Omega^{\Omega^{\Omega+1}}\right)$	$\varphi(1@(1,1))$
$\psi\left(\Omega^{\Omega^{\Omega+1}} + \Omega^{\Omega^{\Omega} \cdot \psi(\Omega^{\Omega^{\Omega+1}})}\right)$	$\varphi(\varphi(1@(1,1))@(1,0),1)$
$\psi\left(\Omega^{\Omega^{\Omega+1}\cdot 2}\right)$	arphi(2@(1,1))
$\psi\left(\Omega^{\Omega^{\Omega+2}}\right)$	$\varphi(1@(1,2))$
$\psi\left(\Omega^{\Omega^{\Omega+\omega}}\right)$	$\varphi(1@(1,\omega))$
$\psi\left(\Omega^{\Omega^{\Omega+\psi\left(\Omega^{\Omega^{\Omega}}\right)}}\right)$	$\varphi(1@(1,\varphi(1@(1,0))))$
$\psi\left(\Omega^{\Omega^{\Omega\cdot 2}}\right)$	$\varphi(1@(2,0))$
$\psi\left(\Omega^{\Omega^{\Omega\cdot 2+\psi\left(\Omega^{\Omega^{\Omega\cdot 2}}\right)}}\right)$	$\varphi(1@(2, \varphi(1@(2, 0))))$
$\psi\left(\Omega^{\Omega^{\Omega\cdot3}}\right)$	$\varphi(1@(3,0))$
$\psi\left(\Omega^{\Omega^{\Omega \cdot \omega}}\right)$	$arphi(1@(\omega,0))$
$\psi\left(\Omega^{\Omega^{\Omega\cdot\psi\left(\Omega^{\Omega^{\Omega}} ight)}} ight)$	$\varphi(1@(\varphi(1@(1,0)),0))$
$\psi\left(\Omega^{\Omega^{\Omega^2}}\right)$	$\varphi(1@(1,0,0))$
$\psi\left(\Omega^{\Omega^{\Omega^2}\cdot 2}\right)$	$\varphi(2@(1,0,0))$

Buchholz's OCF	Cantor 式/Veblen 函数
$\psi\left(\Omega^{\Omega^{\Omega^2+1}}\right)$	$\varphi(1@(1,0,0))$
$\psi\left(\Omega^{\Omega^{\Omega^2+\Omega}}\right)$	$\varphi(1@(1,1,0))$
$\psi\left(\Omega^{\Omega^{\Omega^2 \cdot 2}}\right)$	$\varphi(1@(2,0,0))$
$\psi\left(\Omega^{\Omega^{\Omega^3}}\right)$	$\varphi(1@(1,0,0,0))$
` ,	$\varphi(1@(1@3))$
$\psi\left(\Omega^{\Omega^{\Omega^{3}\cdot2}}\right)$	$\varphi(1@(2@3))$
$\psi\left(\Omega^{\Omega^{\Omega^4}}\right)$	arphi(1@(2@3))
$\psi\left(\Omega^{\Omega^{\Omega^{\omega}}}\right)$	$\varphi(1@(1@\omega))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}\right)$	$\varphi(1@(1@(1,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}} + \Omega\right)$	$\varphi(1@1, \varphi(1@(1@(1,0))) + 1)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}\cdot 2\right)$	$\varphi(1@(1@(1,0)),1)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}+1}\right)$	$\varphi(1@(1@(1,0)), 1@1)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}\cdot 2}\right)$	$\varphi(2@(1@(1,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}+1}}\right)$	$\varphi(1@(1@(1,0),1))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega} \cdot 2}}\right)$	$\varphi(1@(2@(1,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega+1}}}\right)$	$\varphi(1@(1@(1,1)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega\cdot2}}}\right)$	$\varphi(1@(1@(2,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega^2}}}\right)$	$\varphi(1@(1@(1,0,0)))$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega^{\Omega}}}}\right)$	$\varphi(1@(1@(1@(1,0))))$
$\psi\left(\Omega_{2}\right)$	$\varphi(1@(1,,0))$
$\psi\left(\varepsilon_{\Omega+1}\right)$	

A.6 BOCF vs MOCF

本节的结果主要引自[1-2]。

Buchholz's OCF	Madore's OCF
$\psi(\Omega)$	$\psi(0)$
$\psi(\Omega) + \psi(0)$	$\psi(0) + 1$

Buchholz's OCF	Madore's OCF
$\psi(\Omega) + \psi(1)$	$\psi(0) + \omega$
$\psi(\Omega) + \psi(\psi(1))$	$\psi(0) + \omega^{\omega}$
$\psi(\Omega) + \psi(\psi(\psi(1)))$	$\psi(0) + \omega^{\omega^{\omega}}$
$\psi(\Omega)\cdot 2$	$\psi(0) \cdot 2$
$\psi(\Omega)\cdot 3$	$\psi(0) \cdot 3$
$\psi(\Omega+1)$	$\psi(0)\cdot\omega$
$\psi(\Omega+1)+\psi(1)$	$\psi(0) \cdot \omega + \omega$
$\psi(\Omega+1) + \psi(\psi(1))$	$\psi(0) \cdot \omega + \omega^{\omega}$
$\psi(\Omega+1)\cdot 2$	$\psi(0)\cdot\omega\cdot 2$
$\psi(\Omega+2)$	$\psi(0)\cdot\omega^2$
$\psi(\Omega+2)\cdot 2$	$\psi(0)\cdot\omega^2\cdot 2$
$\psi(\Omega+3)$	$\psi(0)\cdot\omega^3$
$\psi(\Omega + \psi(1))$	$\psi(0)\cdot\omega^\omega$
$\psi(\Omega + \psi(2))$	$\psi(0) \cdot \omega^{\omega^2}$
$\psi(\Omega + \psi(\psi(1)))$	$\psi(0)\cdot\omega^{\omega^{\omega}}$
$\psi(\Omega + \psi(\Omega))$	$\psi(0)^2$
$\psi(\Omega + \psi(\Omega)) + \psi(1)$	$\psi(0)^2 + \omega$
$\psi(\Omega + \psi(\Omega)) + \psi(\psi(1))$	$\psi(0)^2 + \omega^{\omega}$
$\psi(\Omega + \psi(\Omega)) + \psi(\Omega)$	$\psi(0)^2 + \psi(0)$
$\psi(\Omega + \psi(\Omega)) + \psi(\Omega + 1)$	$\psi(0)^2 + \psi(0) \cdot \omega$
$\psi(\Omega + \psi(\Omega)) \cdot 2$	$\psi(0)^2 \cdot 2$
$\psi(\Omega + \psi(\Omega) + 1)$	$\psi(0)^2 \cdot \omega$
$\psi(\Omega + \psi(\Omega) + \psi(1))$	$\psi(0)^2 \cdot \omega^{\omega}$
$\psi(\Omega + \psi(\Omega) \cdot 2)$	$\psi(0)^3$
$\psi(\Omega + \psi(\Omega) \cdot 3)$	$\psi(0)^4$
$\psi(\Omega + \psi(\Omega + 1))$	$\psi(0)^\omega$

Buchholz's OCF	Madore's OCF
$\psi(\Omega + \psi(\Omega + 1)) \cdot 2$	$\psi(0)^\omega \cdot 2$
$\psi(\Omega + \psi(\Omega + 1) + 1)$	$\psi(0)^\omega \cdot \omega$
$\psi(\Omega + \psi(\Omega + 1) + \psi(1))$	$\psi(0)^\omega \cdot \omega^\omega$
$\psi(\Omega + \psi(\Omega + 1) + \psi(\Omega))$	$\psi(0)^{\omega+1}$
$\psi(\Omega + \psi(\Omega + 1) + \psi(\Omega) \cdot 2)$	$\psi(0)^{\omega+2}$
$\psi(\Omega + \psi(\Omega + 1) \cdot 2)$	$\psi(0)^{\omega\cdot 2}$
$\psi(\Omega + \psi(\Omega + 2))$	$\psi(0)^{\omega^2}$
$\psi(\Omega + \psi(\Omega + \psi(1)))$	$\psi(0)^{\omega^{\omega}}$
$\psi(\Omega + \psi(\Omega + \psi(\psi(1))))$	$\psi(0)^{\omega^{\omega^{\omega}}}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)))$	$\psi(0)^{\psi(0)}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)) + 1)$	$\psi(0)^{\psi(0)}\cdot\omega$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)) + \psi(\Omega))$	$\psi(0)^{\psi(0)+1}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)) + \psi(\Omega + 1))$	$\psi(0)^{\psi(0)+\omega}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega)) \cdot 2)$	$\psi(0)^{\psi(0)\cdot 2}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega) + 1))$	$\psi(0)^{\psi(0)\cdot\omega}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega) \cdot 2))$	$\psi(0)^{\psi(0)^2}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega + 1)))$	$\psi(0)^{\psi(0)^{\omega}}$
$\psi(\Omega + \psi(\Omega + \psi(\Omega + \psi(\Omega))))$	$\psi(0)^{\psi(0)^{\psi(0)}}$
$\psi(\Omega \cdot 2)$	$\psi(1)$
$\psi(\Omega \cdot 2) + \psi(\Omega)$	$\psi(1) + \psi(0)$
$\psi(\Omega \cdot 2) + \psi(\Omega + 1)$	$\psi(1) + \psi(0) \cdot \omega$
$\psi(\Omega \cdot 2) + \psi(\Omega + \psi(\Omega + 1))$	$\psi(1) + \psi(0)^{\omega}$
$\psi(\Omega \cdot 2) \cdot 2$	$\psi(1)\cdot 2$
$\psi(\Omega \cdot 2 + 1)$	$\psi(1)\cdot\omega$
$\psi(\Omega \cdot 2 + \psi(\Omega))$	$\psi(1)\cdot\psi(0)$
$\psi(\Omega \cdot 2 + \psi(\Omega + \psi(\Omega)))$	$\psi(1)\cdot\psi(0)^2$

Buchholz's OCF	Madore's OCF
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2) \cdot 2)$	$\psi(1)^3$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + 1))$	$\psi(1)^\omega$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + \psi(\Omega)))$	$\psi(1)^{\psi(0)}$
$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + \psi(\Omega \cdot 2)))$	$\psi(1)^{\psi(1)}$
$\psi(\Omega\cdot 3)$	$\psi(2)$
$\psi(\Omega \cdot 3 + 1)$	$\psi(2)\cdot\omega$
$\psi(\Omega \cdot 3 + \psi(\Omega))$	$\psi(2)\cdot\psi(0)$
$\psi(\Omega\cdot 3+\psi(\Omega\cdot 2))$	$\psi(2)\cdot\psi(1)$
$\psi(\Omega\cdot 3+\psi(\Omega\cdot 3))$	$\psi(2)^2$
$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 3 + 1))$	$\psi(2)^\omega$
$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 3 + \psi(\Omega \cdot 3)))$	$\psi(2)^{\psi(2)}$
$\psi(\Omega\cdot 4)$	$\psi(3)$
$\psi(\Omega\cdot 4 + \psi(\Omega\cdot 4))$	$\psi(3)^2$
$\psi(\Omega \cdot 5)$	$\psi(4)$
$\psi(\Omega \cdot 6)$	$\psi(5)$
$\psi(\Omega \cdot \psi(1))$	$\psi(\omega)$
$\psi(\Omega \cdot \psi(1) + \psi(\Omega \cdot \psi(1)))$	$\psi(\omega)^2$
$\psi(\Omega \cdot \psi(1) + \Omega)$	$\psi(\omega+1)$
$\psi(\Omega \cdot \psi(1) + \Omega \cdot 2)$	$\psi(\omega+2)$
$\psi(\Omega \cdot \psi(1) \cdot 2)$	$\psi(\omega\cdot 2)$
$\psi(\Omega \cdot \psi(2))$	$\psi(\omega^2)$
$\psi(\Omega \cdot \psi(\psi(1)))$	$\psi(\omega^\omega)$
$\psi(\Omega \cdot \psi(\psi(\psi(1))))$	$\psi(\omega^{\omega^{\omega}})$
$\psi(\Omega \cdot \psi(\Omega))$	$\psi(\psi(0))$
$\psi(\Omega \cdot \psi(\Omega) + \Omega)$	$\psi(\psi(0)+1)$
$\psi(\Omega \cdot \psi(\Omega) \cdot 2)$	$\psi(\psi(0)\cdot 2)$

Buchholz's OCF	Madore's OCF
$\psi(\Omega \cdot \psi(\Omega+1))$	$\psi(\psi(0)\cdot\omega)$
$\psi(\Omega \cdot \psi(\Omega + \psi(\Omega)))$	$\psi(\psi(0)^2)$
$\psi(\Omega\cdot\psi(\Omega\cdot2))$	$\psi(\psi(1))$
$\psi(\Omega\cdot\psi(\Omega\cdot3))$	$\psi(\psi(2))$
$\psi(\Omega \cdot \psi(\Omega \cdot \psi(1)))$	$\psi(\psi(\omega))$
$\psi(\Omega \cdot \psi(\Omega \cdot \psi(\Omega)))$	$\psi(\psi(\psi(0)))$
$\psi(\Omega^2)$	$\psi(\Omega)$
$\psi(\Omega^2) + \psi(1)$	$\psi(\Omega) + \omega$
$\psi(\Omega^2) + \psi(\Omega)$	$\psi(\Omega) + \psi(0)$
$\psi(\Omega^2) + \psi(\Omega \cdot \psi(\Omega))$	$\psi(\Omega) + \psi(\psi(0))$
$\psi(\Omega^2)\cdot 2$	$\psi(\Omega) \cdot 2$
$\psi(\Omega^2+1)$	$\psi(\Omega)\cdot\omega$
$\psi(\Omega^2 + \psi(\Omega))$	$\psi(\Omega)\cdot\psi(0)$
$\psi(\Omega^2 + \psi(\Omega \cdot \psi(\Omega)))$	$\psi(\Omega) \cdot \psi(\psi(0))$
$\psi(\Omega^2 + \psi(\Omega^2))$	$\psi(\Omega)^2$
$\psi(\Omega^2 + \psi(\Omega^2 + 1))$	$\psi(\Omega)^\omega$
$\psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega)))$	$\psi(\Omega)^{\psi(0)}$
$\psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2)))$	$\psi(\Omega)^{\psi(\Omega)}$
$\psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2))))$	$\psi(\Omega)^{\psi(\Omega)^{\psi(\Omega)}}$
$\psi(\Omega^2 + \Omega)$	$\psi(\Omega+1)$
$\psi(\Omega^2 + \Omega + \psi(\Omega^2 + \Omega))$	$\psi(\Omega+1)^2$
$\psi(\Omega^2 + \Omega + \psi(\Omega^2 + \Omega + \psi(\Omega^2 + \Omega)))$	$\psi(\Omega+1)^{\psi(\Omega+1)}$
$\psi(\Omega^2 + \Omega \cdot 2)$	$\psi(\Omega+2)$
$\psi(\Omega^2 + \Omega \cdot 3)$	$\psi(\Omega+3)$
$\psi(\Omega^2 + \Omega \cdot \omega)$	$\psi(\Omega+\omega)$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega))$	$\psi(\Omega + \psi(0))$

Buchholz's OCF	Madore's OCF
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega \cdot \psi(\Omega)))$	$\psi(\Omega + \psi(\psi(0)))$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2))$	$\psi(\Omega + \psi(\Omega))$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2) \cdot 2)$	$\psi(\Omega + \psi(\Omega) \cdot 2)$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + 1))$	$\psi(\Omega + \psi(\Omega) \cdot \omega)$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \psi(\Omega^2)))$	$\psi(\Omega + \psi(\Omega)^2)$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2))))$	$\psi(\Omega + \psi(\Omega)^{\psi(\Omega)})$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega))$	$\psi(\Omega + \psi(\Omega + 1))$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega \cdot \psi(\Omega)))$	$\psi(\Omega + \psi(\Omega + \psi(0)))$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega \cdot \psi(\Omega^2)))$	$\psi(\Omega + \psi(\Omega + \psi(\Omega)))$
$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega)))$	$\psi(\Omega + \psi(\Omega + \psi(\Omega + 1)))$
$\psi(\Omega^2 \cdot 2)$	$\psi(\Omega \cdot 2)$
$\psi(\Omega^2 \cdot 2 + 1)$	$\psi(\Omega \cdot 2) \cdot \omega$
$\psi(\Omega^2 \cdot 2 + \psi(\Omega^2))$	$\psi(\Omega \cdot 2) \cdot \psi(\Omega)$
$\psi(\Omega^2 \cdot 2 + \psi(\Omega^2 \cdot 2))$	$\psi(\Omega\cdot 2)^2$
$\psi(\Omega^2 \cdot 2 + \psi(\Omega^2 \cdot 2 + \psi(\Omega^2 \cdot 2)))$	$\psi(\Omega \cdot 2)^{\psi(\Omega \cdot 2)}$
$\psi(\Omega^2 \cdot 2 + \Omega)$	$\psi(\Omega \cdot 2 + 1)$
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2))$	$\psi(\Omega \cdot 2 + \psi(\Omega + \psi(\Omega)))$
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2 \cdot 2))$	$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2))$
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2 \cdot 2 + \psi(\Omega^2 \cdot 2)))$	$\psi(\Omega\cdot 2 + \psi(\Omega\cdot 2)^2)$
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2 \cdot 2 + \Omega))$	$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + 1))$
$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2 \cdot 2 + \Omega))$	$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + 1))$
$\psi(\Omega^2 \cdot 3)$	$\psi(\Omega \cdot 3)$
$\psi(\Omega^2 \cdot 3 + 1)$	$\psi(\Omega\cdot 3)\cdot\omega$
$\psi(\Omega^2 \cdot 3 + \Omega)$	$\psi(\Omega\cdot 3+1)$
$\psi(\Omega^2 \cdot 3 + \Omega \cdot \psi(\Omega^2 \cdot 3))$	$\psi(\Omega\cdot 3 + \psi(\Omega\cdot 3))$
$\psi(\Omega^2 \cdot 3 + \Omega \cdot \psi(\Omega^2 \cdot 3 + \Omega))$	$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 3 + 1))$

Buchholz's OCF	Madore's OCF
$\psi(\Omega^2 \cdot 4)$	$\psi(\Omega \cdot 4)$
$\psi(\Omega^2 \cdot 5)$	$\psi(\Omega \cdot 5)$
$\psi(\Omega^2 \cdot \psi(1))$	$\psi(\Omega\cdot\omega)$
$\psi(\Omega^2 \cdot \psi(\Omega))$	$\psi(\Omega \cdot \psi(0))$
$\psi(\Omega^2 \cdot \psi(\Omega \cdot \psi(\Omega)))$	$\psi(\Omega\cdot\psi(\psi(0)))$
$\psi(\Omega^2\cdot\psi(\Omega^2))$	$\psi(\Omega\cdot\psi(\Omega))$
$\psi(\Omega^2 \cdot \psi(\Omega^2 \cdot 2))$	$\psi(\Omega\cdot\psi(\Omega\cdot2))$
$\psi(\Omega^2 \cdot \psi(\Omega^2 \cdot \psi(\Omega)))$	$\psi(\Omega \cdot \psi(\Omega \cdot \psi(0)))$
$\psi(\Omega^2 \cdot \psi(\Omega^2 \cdot \psi(\Omega^2)))$	$\psi(\Omega\cdot\psi(\Omega\cdot\psi(\Omega)))$
$\psi(\Omega^3)$	$\psi(\Omega^2)$
$\psi(\Omega^3+1)$	$\psi(\Omega^2)\cdot\omega$
$\psi(\Omega^3 + \psi(\Omega^3 + \psi(\Omega^3)))$	$\psi(\Omega^2)^{\psi(\Omega^2)}$
$\psi(\Omega^3 + \Omega)$	$\psi(\Omega^2+1)$
$\psi(\Omega^3 + \Omega \cdot \psi(\Omega^3))$	$\psi(\Omega^2 + \psi(\Omega^2))$
$\psi(\Omega^3 + \Omega \cdot \psi(\Omega^3 + \Omega \psi(\Omega^3)))$	$\psi(\Omega^2 + \psi(\Omega^2 + \psi(\Omega^2)))$
$\psi(\Omega^3 + \Omega^2)$	$\psi(\Omega^2 + \Omega)$
$\psi(\Omega^3 + \Omega^2 \cdot \psi(\Omega^3))$	$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2))$
$\psi(\Omega^3 + \Omega^2 \psi(\Omega^3 + \Omega^2 \cdot \psi(\Omega^3)))$	$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2 + \Omega \cdot \psi(\Omega^2)))$
$\psi(\Omega^3 \cdot 2)$	$\psi(\Omega^2\cdot 2)$
$\psi(\Omega^3 \cdot 2 + 1)$	$\psi(\Omega^2 \cdot 2) \cdot \omega$
$\psi(\Omega^3 \cdot 2 + \Omega)$	$\psi(\Omega^2 \cdot 2 + 1)$
$\psi(\Omega^3 \cdot 2 + \Omega^2)$	$\psi(\Omega^2 \cdot 2 + \Omega)$
$\psi(\Omega^3 \cdot 2 + \Omega^2 \cdot \psi(\Omega^3 \cdot 2 + \Omega^2))$	$\psi(\Omega^2 \cdot 2 + \Omega \cdot \psi(\Omega^2 \cdot 2 + \Omega))$
$\psi(\Omega^3 \cdot 3)$	$\psi(\Omega^2 \cdot 3)$
$\psi(\Omega^3 \cdot 4)$	$\psi(\Omega^2 \cdot 4)$
$\psi(\Omega^3 \cdot \psi(1))$	$\psi(\Omega^2 \cdot \omega)$

Buchholz's OCF	Madore's OCF
$\psi(\Omega^3 \cdot \psi(\Omega))$	$\psi(\Omega^2\cdot\psi(0))$
$\psi(\Omega^3 \cdot \psi(\Omega^2))$	$\psi(\Omega^2 \cdot \psi(\Omega))$
$\psi(\Omega^3 \cdot \psi(\Omega^3))$	$\psi(\Omega^2 \cdot \psi(\Omega^2))$
$\psi(\Omega^3 \cdot \psi(\Omega^3 \cdot \psi(\Omega^3)))$	$\psi(\Omega^2 \cdot \psi(\Omega^2 \cdot \psi(\Omega^2)))$
$\psi(\Omega^4)$	$\psi(\Omega^3)$
$\psi(\Omega^4+1)$	$\psi(\Omega^3)\cdot\omega$
$\psi(\Omega^4+\Omega)$	$\psi(\Omega^3+1)$
$\psi(\Omega^4 + \Omega^3)$	$\psi(\Omega^3 + \Omega^2)$
$\psi(\Omega^4 \cdot 2)$	$\psi(\Omega^3 \cdot 2)$
$\psi(\Omega^4 \cdot 3)$	$\psi(\Omega^3 \cdot 3)$
$\psi(\Omega^4 \cdot \psi(1))$	$\psi(\Omega^3\cdot\omega)$
$\psi(\Omega^4 \cdot \psi(\Omega^4))$	$\psi(\Omega^3 \cdot \psi(\Omega^3))$
$\psi(\Omega^5)$	$\psi(\Omega^4)$
$\psi(\Omega^5 + \Omega^4)$	$\psi(\Omega^4 + \Omega^3)$
$\psi(\Omega^5 \cdot 2)$	$\psi(\Omega^4 \cdot 2)$
$\psi(\Omega^5 \cdot \psi(\Omega^5))$	$\psi(\Omega^4 \cdot \psi(\Omega^4))$
$\psi(\Omega^6)$	$\psi(\Omega^5)$
$\psi(\Omega^7)$	$\psi(\Omega^6)$
$\psi(\Omega^\omega)$	$\psi(\Omega^\omega)$
$\psi(\Omega^{\omega}+1)$	$\psi(\Omega^\omega)\cdot\omega$
$\psi(\Omega^{\omega} + \Omega)$	$\psi(\Omega^{\omega}+1)$
$\psi(\Omega^{\omega} + \Omega^2)$	$\psi(\Omega^{\omega}+\Omega)$
$\psi(\Omega^{\omega} + \Omega^3)$	$\psi(\Omega^{\omega}+\Omega^2)$
$\psi(\Omega^{\omega} + \Omega^4)$	$\psi(\Omega^{\omega}+\Omega^3)$
$\psi(\Omega^{\omega} + \Omega^5)$	$\psi(\Omega^{\omega}+\Omega^4)$
$\psi(\Omega^{\omega} + \Omega^{6})$	$\psi(\Omega^{\omega}+\Omega^5)$

Buchholz's OCF	Madore's OCF
$\psi(\Omega^{\omega}\cdot 2)$	$\psi(\Omega^{\omega}\cdot 2)$
$\psi(\Omega^{\omega}\cdot 3)$	$\psi(\Omega^{\omega}\cdot 3)$
$\psi(\Omega^\omega \cdot \psi(1))$	$\psi(\Omega^\omega \cdot \omega)$
$\psi(\Omega^\omega \cdot \psi(\Omega^\omega))$	$\psi(\Omega^\omega\cdot\psi(\Omega^\omega))$
$\psi(\Omega^{\omega+1})$	$\psi(\Omega^{\omega+1})$
$\psi(\Omega^{\omega+1} + \Omega^{\omega})$	$\psi(\Omega^{\omega+1} + \Omega^{\omega})$
$\psi(\Omega^{\omega+1}\cdot 2)$	$\psi(\Omega^{\omega+1}\cdot 2)$
$\psi(\Omega^{\omega+2})$	$\psi(\Omega^{\omega+2})$
$\psi(\Omega^{\omega+3})$	$\psi(\Omega^{\omega+3})$
$\psi(\Omega^{\omega \cdot 2})$	$\psi(\Omega^{\omega\cdot 2})$
$\psi(\Omega^{\omega \cdot 3})$	$\psi(\Omega^{\omega\cdot 3})$
$\psi(\Omega^{\psi(2)})$	$\psi(\Omega^{\omega^2})$
$\psi(\Omega^{\psi(\psi(1))})$	$\psi(\Omega^{\omega^\omega})$
$\psi(\Omega^{\psi(\Omega)})$	$\psi(\Omega^{\psi(0)})$
$\psi(\Omega^{\psi(\Omega\cdot 2)})$	$\psi(\Omega^{\psi(1)})$
$\psi(\Omega^{\psi(\Omega^2)})$	$\psi(\Omega^{\psi(\Omega)})$
$\psi(\Omega^{\psi(\Omega^3)})$	$\psi(\Omega^{\psi(\Omega^2)})$
$\psi(\Omega^{\psi(\Omega^\omega)})$	$\psi(\Omega^{\psi(\Omega^\omega)})$
$\psi(\Omega^{\psi(\Omega^{\psi(\Omega)})})$	$\psi(\Omega^{\psi(\Omega^{\psi(0)}})$
$\psi(\Omega^\Omega)$	$\psi(\Omega^\Omega)$
$\psi(\Omega^{\Omega}) \cdot 2$	$\psi(\Omega^{\Omega}) \cdot 2$
$\psi(\Omega^{\Omega}+1)$	$\psi(\Omega^\Omega)\cdot\omega$
$\psi(\Omega^{\Omega} + \psi(\Omega^{\Omega}))$	$\psi(\Omega^\Omega)^2$
$\psi(\Omega^{\Omega} + \Omega)$	$\psi(\Omega^{\Omega}+1)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})$	$\psi(\Omega^{\Omega} + \psi(\Omega^{\Omega}))$
$\psi(\Omega^{\Omega}+\Omega^2)$	$\psi(\Omega^{\Omega}+\Omega)$

Buchholz's OCF	Madore's OCF
$\psi(\Omega^{\Omega} + \Omega^3)$	$\psi(\Omega^{\Omega}+\Omega^2)$
$\psi(\Omega^{\Omega} + \Omega^4)$	$\psi(\Omega^{\Omega}+\Omega^3)$
$\psi(\Omega^{\Omega} + \Omega^5)$	$\psi(\Omega^{\Omega}+\Omega^4)$
$\psi(\Omega^{\Omega} + \Omega^{\omega})$	$\psi(\Omega^{\Omega} + \Omega^{\omega})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(0)})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(0)})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\omega})})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\omega})})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\psi(0)})})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\psi(0)})})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot 2)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot 2)$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot \psi(\Omega^{\Omega}))$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot \psi(\Omega^{\Omega}))$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})+1})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})+1})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) + \omega})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) + \omega})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) \cdot 2})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) \cdot 2})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega)})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + 1)})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})})$
$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} + \Omega)})$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} + 1)})$
$\psi(\Omega^{\Omega} \cdot 2)$	$\psi(\Omega^\Omega \cdot 2)$
$\psi(\Omega^{\Omega} \cdot 2 + \Omega^{\psi(\Omega^{\Omega})})$	$\psi(\Omega^{\Omega} \cdot 2 + \Omega^{\psi(\Omega^{\Omega})})$
$\psi(\Omega^{\Omega} \cdot 2 + \Omega^{\psi(\Omega^{\Omega} \cdot 2)})$	$\psi(\Omega^{\Omega} \cdot 2 + \Omega^{\psi(\Omega^{\Omega} \cdot 2)})$
$\psi(\Omega^{\Omega}\cdot 3)$	$\psi(\Omega^\Omega \cdot 3)$
$\psi(\Omega^{\Omega}\cdot 4)$	$\psi(\Omega^\Omega \cdot 4)$
$\psi(\Omega^\Omega \cdot \omega)$	$\psi(\Omega^\Omega \cdot \omega)$
$\psi(\Omega^\Omega\cdot\psi(0))$	$\psi(\Omega^\Omega\cdot\psi(0))$
$\psi(\Omega^{\Omega} \cdot \psi(\Omega^{\Omega}))$	$\psi(\Omega^{\Omega}\cdot\psi(\Omega^{\Omega}))$
$\psi(\Omega^{\Omega+1})$	$\psi(\Omega^{\Omega+1})$
$\psi(\Omega^{\Omega+1} + \Omega^{\omega})$	$\psi(\Omega^{\Omega+1}+\Omega^{\omega})$

Buchholz's OCF	Madore's OCF
$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega})})$	$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega})})$
$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega+1})})$	$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega+1})})$
$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega+1})+1})$	$\psi(\Omega^{\Omega+1} + \Omega^{\psi(\Omega^{\Omega+1})+1})$
$\psi(\Omega^{\Omega+1} + \Omega^{\Omega})$	$\psi(\Omega^{\Omega+1}+\Omega^{\Omega})$
$\psi(\Omega^{\Omega+1} + \Omega^{\Omega} \cdot \psi(\Omega^{\Omega+1} + \Omega^{\Omega}))$	$\psi(\Omega^{\Omega+1} + \Omega^{\Omega} \cdot \psi(\Omega^{\Omega+1} + \Omega^{\Omega}))$
$\psi(\Omega^{\Omega+1}\cdot 2)$	$\psi(\Omega^{\Omega+1}\cdot 2)$
$\psi(\Omega^{\Omega+1}\cdot 3)$	$\psi(\Omega^{\Omega+1}\cdot 3)$
$\psi(\Omega^{\Omega+1}\cdot\omega)$	$\psi(\Omega^{\Omega+1}\cdot\omega)$
$\psi(\Omega^{\Omega+2})$	$\psi(\Omega^{\Omega+2})$
$\psi\left(\Omega^{\Omega+2} + \Omega^{\psi(\Omega^{\Omega+2})+1}\right)$	$\psi\left(\Omega^{\Omega+2} + \Omega^{\psi\left(\Omega^{\Omega+2}\right)+1}\right)$
$\psi\left(\Omega^{\Omega+2} + \Omega^{\Omega}\right)$	$\psi\left(\Omega^{\Omega+2}+\Omega^{\Omega}\right)$
$\psi\left(\Omega^{\Omega+2} + \Omega^{\Omega}\psi\left(\Omega^{\Omega+2} + \Omega^{\Omega}\right)\right)$	$\psi \left(\Omega^{\Omega+2} + \Omega^{\Omega} \psi \left(\Omega^{\Omega+2} + \Omega^{\Omega}\right)\right)$
$\psi\left(\Omega^{\Omega+2} + \Omega^{\Omega+1}\right)$	$\psi\left(\Omega^{\Omega+2} + \Omega^{\Omega+1}\right)$
$\psi\left(\Omega^{\Omega+2}\cdot 2\right)$	$\psi\left(\Omega^{\Omega+2}\cdot 2\right)$
$\psi\left(\Omega^{\Omega+2}\cdot\psi\left(\Omega^{\Omega+2} ight) ight)$	$\psi\left(\Omega^{\Omega+2}\cdot\psi\left(\Omega^{\Omega+2}\right)\right)$
$\psi\left(\Omega^{\Omega+3}\right)$	$\psi\left(\Omega^{\Omega+3}\right)$
$\psi\left(\Omega^{\Omega+3}\cdot 2\right)$	$\psi\left(\Omega^{\Omega+3}\cdot 2\right)$
$\psi\left(\Omega^{\Omega+4}\right)$	$\psi\left(\Omega^{\Omega+4}\right)$
$\psi\left(\Omega^{\Omega+\omega}\right)$	$\psi\left(\Omega^{\Omega+\omega}\right)$
$\psi\left(\Omega^{\Omega+\psi(\Omega^{\Omega})}\right)$	$\psi\left(\Omega^{\Omega+\psi(\Omega^{\Omega})}\right)$
$\psi\left(\Omega^{\Omega+\psi(\Omega^{\Omega+\psi(\Omega^{\Omega})})}\right)$	$\psi\left(\Omega^{\Omega+\psi(\Omega^{\Omega+\psi(\Omega^{\Omega})})}\right)$
$\psi\left(\Omega^{\Omega\cdot2}\right)$	$\psi\left(\Omega^{\Omega\cdot2} ight)$
$\psi\left(\Omega^{\Omega\cdot} + \Omega^{\psi\left(\Omega^{\Omega\cdot2}\right)+1}\right)$	$\psi\left(\Omega^{\Omega\cdot} + \Omega^{\psi\left(\Omega^{\Omega\cdot2}\right)+1}\right)$
$\psi\left(\Omega^{\Omega\cdot2}+\Omega^{\Omega}\right)$	$\psi\left(\Omega^{\Omega\cdot2}+\Omega^{\Omega}\right)$
$\psi\left(\Omega^{\Omega\cdot2} + \Omega^{\Omega+\omega}\right)$	$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega+\omega}\right)$
$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega + \psi(\Omega^{\Omega}\cdot 2)}\right)$	$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega + \psi(\Omega^{\Omega}\cdot 2)}\right)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega + \psi(\Omega^{\Omega}\cdot 2) + 1}\right)$	$\psi\left(\Omega^{\Omega\cdot 2} + \Omega^{\Omega+\psi(\Omega^{\Omega}\cdot 2)+1}\right)$
$\psi\left(\Omega^{\Omega\cdot2}\cdot2\right)$	$\psi\left(\Omega^{\Omega\cdot2}\cdot2 ight)$
$\psi\left(\Omega^{\Omega\cdot2}\cdot\psi\left(\Omega^{\Omega\cdot2}\right)\right)$	$\psi\left(\Omega^{\Omega\cdot2}\cdot\psi\left(\Omega^{\Omega\cdot2}\right)\right)$
$\psi\left(\Omega^{\Omega\cdot2+1}\right)$	$\psi\left(\Omega^{\Omega\cdot2+1}\right)$
$\psi\left(\Omega^{\Omega\cdot 2+1}\cdot 2\right)$	$\psi\left(\Omega^{\Omega\cdot2+1}\cdot2\right)$
$\psi\left(\Omega^{\Omega\cdot 2 + \psi(\Omega^{\Omega}\cdot 2)}\right)$	$\psi\left(\Omega^{\Omega\cdot 2+\psi(\Omega^{\Omega}\cdot 2)}\right)$
$\psi\left(\Omega^{\Omega\cdot3}\right)$	$\psi\left(\Omega^{\Omega\cdot3} ight)$
$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\psi(\Omega^\Omega\cdot3)}\right)$	$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\psi(\Omega^{\Omega}\cdot3)}\right)$
$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\Omega+\psi(\Omega^\Omega\cdot3)}\right)$	$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\Omega+\psi(\Omega^{\Omega}\cdot3)}\right)$
$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\Omega\cdot2 + \psi(\Omega^{\Omega}\cdot3)}\right)$	$\psi\left(\Omega^{\Omega\cdot3} + \Omega^{\Omega\cdot2 + \psi(\Omega^{\Omega}\cdot3)}\right)$
$\psi\left(\Omega^{\Omega\cdot3}\cdot2\right)$	$\psi\left(\Omega^{\Omega\cdot3}\cdot2 ight)$
$\psi\left(\Omega^{\Omega\cdot3+1}\right)$	$\psi\left(\Omega^{\Omega\cdot3+1} ight)$
$\psi\left(\Omega^{\Omega\cdot4}\right)$	$\psi\left(\Omega^{\Omega\cdot4} ight)$
$\psi\left(\Omega^{\Omega\cdot5} ight)$	$\psi\left(\Omega^{\Omega\cdot5} ight)$
$\psi\left(\Omega^{\Omega\cdot\omega}\right)$	$\psi\left(\Omega^{\Omega\cdot\omega} ight)$
$\psi\left(\Omega^{\Omega\cdot\psi(0)}\right)$	$\psi\left(\Omega^{\Omega\cdot\psi(0)}\right)$
$\psi\left(\Omega^{\Omega\cdot\psi(\Omega^{\Omega})}\right)$	$\psi\left(\Omega^{\Omega\cdot\psi(\Omega^{\Omega})}\right)$
$\psi\left(\Omega^{\Omega^2} ight)$	$\psi\left(\Omega^{\Omega^2} ight)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\psi\left(\Omega^{\Omega^2}\right)}\right)$	$\psi\left(\Omega^{\Omega^2}+\Omega^{\psi\left(\Omega^{\Omega^2} ight)} ight)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega+1}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega+1}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega + \omega}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega + \omega}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega + \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega + \psi\left(\Omega^{\Omega^2}\right)}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 2}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 2}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 2 + \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 2 + \psi\left(\Omega^{\Omega^2}\right)}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 3}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot 3}\right)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega}\right)}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega}\right)}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right)}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right) + 1}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right) + 1}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right) + \Omega}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right) + \Omega}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right) \cdot 2}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi\left(\Omega^{\Omega^2}\right) \cdot 2}\right)$
$\psi\left(\Omega^{\Omega^2}\cdot 2 ight)$	$\psi\left(\Omega^{\Omega^2}\cdot 2\right)$
$\psi\left(\Omega^{\Omega^2+1}\right)$	$\psi\left(\Omega^{\Omega^2+1}\right)$
$\psi\left(\Omega^{\Omega^2+\psi\left(\Omega^{\Omega^2} ight)} ight)$	$\psi\left(\Omega^{\Omega^2+\psi\left(\Omega^{\Omega^2}\right)}\right)$
$\psi\left(\Omega^{\Omega^2+\Omega}\right)$	$\psi\left(\Omega^{\Omega^2+\Omega} ight)$
$\psi\left(\Omega^{\Omega^2+\Omega}+\Omega^{\Omega^2+\psi\left(\Omega^{\Omega^2+\Omega}\right)\cdot 2}\right)$	$\psi\left(\Omega^{\Omega^2+\Omega}+\Omega^{\Omega^2+\psi\left(\Omega^{\Omega^2+\Omega}\right)\cdot 2}\right)$
$\psi\left(\Omega^{\Omega^2+\Omega}\cdot 2\right)$	$\psi\left(\Omega^{\Omega^2+\Omega}\cdot 2\right)$
$\psi\left(\Omega^{\Omega^2+\Omega+1}\right)$	$\psi\left(\Omega^{\Omega^2+\Omega+1}\right)$
$\psi\left(\Omega^{\Omega^2 + \Omega \cdot 2}\right)$	$\psi\left(\Omega^{\Omega^2 + \Omega \cdot 2}\right)$
$\psi\left(\Omega^{\Omega^2+\Omega\cdot\psi\left(\Omega^{\Omega^2} ight)} ight)$	$\psi\left(\Omega^{\Omega^2+\Omega\cdot\psi\left(\Omega^{\Omega^2} ight)} ight)$
$\psi\left(\Omega^{\Omega^2\cdot 2}\right)$	$\psi\left(\Omega^{\Omega^2\cdot 2}\right)$
$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega^2 + \Omega \cdot \psi\left(\Omega^{\Omega^2}\right)}\right)$	$\psi\left(\Omega^{\Omega^2} + \Omega^{\Omega^2 + \Omega \cdot \psi\left(\Omega^{\Omega^2}\right)}\right)$
$\psi\left(\Omega^{\Omega^2\cdot 2}\cdot 2\right)$	$\psi\left(\Omega^{\Omega^2\cdot 2}\cdot 2\right)$
$\psi\left(\Omega^{\Omega^2\cdot 2+1}\right)$	$\psi\left(\Omega^{\Omega^2\cdot 2+1}\right)$
$\psi\left(\Omega^{\Omega^2\cdot 2+1}\cdot 2\right)$	$\psi\left(\Omega^{\Omega^2\cdot 2+1}\cdot 2\right)$
$\psi\left(\Omega^{\Omega^2\cdot 2+\Omega}\right)$	$\psi\left(\Omega^{\Omega^2\cdot 2+\Omega}\right)$
$\psi\left(\Omega^{\Omega^2\cdot 3}\right)$	$\psi\left(\Omega^{\Omega^2\cdot 3}\right)$
$\psi\left(\Omega^{\Omega^2\cdot\psi(\Omega^\Omega)}\right)$	$\psi\left(\Omega^{\Omega^2\cdot\psi(\Omega^\Omega)}\right)$
$\psi\left(\Omega^{\Omega^3}\right)$	$\psi\left(\Omega^{\Omega^3}\right)$
$\psi\left(\Omega^{\Omega^3} + \Omega^{\psi(\Omega^{\Omega^3})}\right)$	$\psi\left(\Omega^{\Omega^3} + \Omega^{\psi(\Omega^{\Omega^3})}\right)$
$\psi\left(\Omega^{\Omega^3} + \Omega^{\Omega \cdot \psi(\Omega^{\Omega^3})}\right)$	$\psi\left(\Omega^{\Omega^3} + \Omega^{\Omega \cdot \psi(\Omega^{\Omega^3})}\right)$
$\psi\left(\Omega^{\Omega^3} + \Omega^{\Omega^2 \cdot \psi(\Omega^{\Omega^3})}\right)$	$\psi\left(\Omega^{\Omega^3} + \Omega^{\Omega^2 \cdot \psi(\Omega^{\Omega^3})}\right)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega^{\Omega^3}\cdot 2\right)$	$\psi\left(\Omega^{\Omega^3}\cdot 2\right)$
$\psi\left(\Omega^{\Omega^3+1}\right)$	$\psi\left(\Omega^{\Omega^3+1}\right)$
$\psi\left(\Omega^{\Omega^3+\Omega}\right)$	$\psi\left(\Omega^{\Omega^3+\Omega}\right)$
$\psi\left(\Omega^{\Omega^3+\Omega^2}\right)$	$\psi\left(\Omega^{\Omega^3+\Omega^2}\right)$
$\psi\left(\Omega^{\Omega^3\cdot 2}\right)$	$\psi\left(\Omega^{\Omega^3\cdot 2}\right)$
$\psi\left(\Omega^{\Omega^4}\right)$	$\psi\left(\Omega^{\Omega^4} ight)$
$\psi\left(\Omega^{\Omega^5} ight)$	$\psi\left(\Omega^{\Omega^5} ight)$
$\psi\left(\Omega^{\Omega^6} ight)$	$\psi\left(\Omega^{\Omega^6} ight)$
$\psi\left(\Omega^{\Omega^{\omega}}\right)$	$\psi\left(\Omega^{\Omega^{\omega}}\right)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega\right)$	$\psi\left(\Omega^{\Omega^{\omega}}+1\right)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega}\right)$	$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega}\right)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^2}\right)$	$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^2}\right)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{3}}\right)$	$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{3}}\right)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^4}\right)$	$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{4}}\right)$
$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{5}}\right)$	$\psi\left(\Omega^{\Omega^{\omega}} + \Omega^{\Omega^{5}}\right)$
$\psi\left(\Omega^{\Omega^{\omega}}\cdot 2\right)$	$\psi\left(\Omega^{\Omega^{\omega}}\cdot 2\right)$
$\psi\left(\Omega^{\Omega^{\omega}+1}\right)$	$\psi\left(\Omega^{\Omega^{\omega}+1}\right)$
$\psi\left(\Omega^{\Omega^{\omega}+\psi(\Omega^{\Omega^{\omega}})}\right)$	$\psi\left(\Omega^{\Omega^{\omega}+\psi(\Omega^{\Omega^{\omega}})}\right)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega}\right)$	$\psi\left(\Omega^{\Omega^{\omega}+\Omega}\right)$
$\psi\left(\Omega^{\Omega^{\omega} + \Omega \cdot \psi(\Omega^{\Omega^{\omega}})}\right)$	$\psi\left(\Omega^{\Omega^{\omega} + \Omega \cdot \psi(\Omega^{\Omega^{\omega}})}\right)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{2}}\right)$	$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{2}}\right)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{3}}\right)$	$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{3}}\right)$
$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{4}}\right)$	$\psi\left(\Omega^{\Omega^{\omega}+\Omega^{4}}\right)$
$\psi\left(\Omega^{\Omega^{\omega}\cdot 2}\right)$	$\psi\left(\Omega^{\Omega^{\omega}\cdot 2}\right)$
$\psi\left(\Omega^{\Omega^{\omega}\cdot\psi(\Omega^{\Omega^{\omega}})}\right)$	$\psi\left(\Omega^{\Omega^{\omega}\cdot\psi(\Omega^{\Omega^{\omega}})}\right)$
$\psi\left(\Omega^{\Omega^{\omega+1}}\right)$	$\psi\left(\Omega^{\Omega^{\omega+1}}\right)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega^{\Omega^{\omega+1}} + \Omega^{\Omega^{\omega}}\right)$	$\psi\left(\Omega^{\Omega^{\omega+1}} + \Omega^{\Omega^{\omega}}\right)$
$\psi\left(\Omega^{\Omega^{\omega+1}}\cdot 2\right)$	$\psi\left(\Omega^{\Omega^{\omega+1}}\cdot 2\right)$
$\psi\left(\Omega^{\Omega^{\omega+1}+1}\right)$	$\psi\left(\Omega^{\Omega^{\omega+1}+1}\right)$
$\psi\left(\Omega^{\Omega^{\omega+1}+\Omega}\right)$	$\psi\left(\Omega^{\Omega^{\omega+1}+\Omega}\right)$
$\psi\left(\Omega^{\Omega^{\omega+1}+\Omega^{\omega}}\right)$	$\psi\left(\Omega^{\Omega^{\omega+1}+\Omega^{\omega}}\right)$
$\psi\left(\Omega^{\Omega^{\omega+1}\cdot 2}\right)$	$\psi\left(\Omega^{\Omega^{\omega+1}\cdot 2}\right)$
$\psi\left(\Omega^{\Omega^{\omega+2}}\right)$	$\psi\left(\Omega^{\Omega^{\omega+2}}\right)$
$\psi\left(\Omega^{\Omega^{\omega+3}}\right)$	$\psi\left(\Omega^{\Omega^{\omega+3}}\right)$
$\psi\left(\Omega^{\Omega^{\omega\cdot2}}\right)$	$\psi\left(\Omega^{\Omega^{\omega\cdot2}}\right)$
$\psi\left(\Omega^{\Omega^{\omega^2}}\right)$	$\psi\left(\Omega^{\Omega^{\omega^2}}\right)$
$\psi\left(\Omega^{\Omega^{\psi(0)}}\right)$	$\psi\left(\Omega^{\Omega^{\psi(0)}}\right)$
$\psi\left(\Omega^{\Omega^{\psi(\Omega)}}\right)$	$\psi\left(\Omega^{\Omega^{\psi(\Omega)}}\right)$
$\psi\left(\Omega^{\Omega^{\psi}(\Omega^{\Omega})}\right)$	$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega})}}\right)$
$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega^2})}} ight)$	$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega^2})}}\right)$
$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega^{\omega}})}}\right)$	$\psi\left(\Omega^{\Omega^{\psi(\Omega^{\Omega^{\omega}})}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega}} + \Omega^{\psi\left(\Omega^{\Omega^{\Omega}}\right)}\right)$	$\psi\left(\Omega^{\Omega^\Omega}+\Omega^{\psi\left(\Omega^{\Omega^\Omega} ight)} ight)$
$\psi\left(\Omega^{\Omega^{\Omega}} + \Omega^{\Omega^{\omega} \cdot \psi\left(\Omega^{\Omega^{\Omega}}\right)}\right)$	$\psi\left(\Omega^{\Omega^{\Omega}} + \Omega^{\Omega^{\omega} \cdot \psi\left(\Omega^{\Omega^{\Omega}}\right)}\right)$
$\psi\left(\Omega^{\Omega^{\Omega}}\cdot 2\right)$	$\psi\left(\Omega^{\Omega^{\Omega}}\cdot 2\right)$
$\psi\left(\Omega^{\Omega^{\Omega}+1}\right)$	$\psi\left(\Omega^{\Omega^{\Omega}+1}\right)$
$\psi\left(\Omega^{\Omega^{\Omega}+\Omega^{\omega}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega}+\Omega^{\omega}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega}\cdot 2}\right)$	$\psi\left(\Omega^{\Omega^{\Omega}\cdot 2}\right)$
$\psi\left(\Omega^{\Omega^{\Omega}\cdot\psi\left(\Omega^{\Omega^{\Omega}}\right)}\right)$	$\psi\left(\Omega^{\Omega^{\Omega}\cdot\psi\left(\Omega^{\Omega^{\Omega}} ight)} ight)$
$\psi\left(\Omega^{\Omega^{\Omega+1}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega+1}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega+1}\cdot 2}\right)$	$\psi\left(\Omega^{\Omega^{\Omega+1}\cdot 2}\right)$
$\psi\left(\Omega^{\Omega^{\Omega+2}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega+2}}\right)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega^{\Omega^{\Omega+\omega}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega+\omega}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega+\psi\left(\Omega^{\Omega^{\Omega}}\right)}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega+\psi\left(\Omega^{\Omega^{\Omega}}\right)}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega\cdot2}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega\cdot 2}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega\cdot 2+\psi\left(\Omega^{\Omega^{\Omega\cdot 2}}\right)}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega\cdot 2+\psi\left(\Omega^{\Omega^{\Omega\cdot 2}}\right)}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega\cdot3}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega\cdot3}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega\cdot\omega}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega\cdot\omega}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega\cdot\psi\left(\Omega^{\Omega^{\Omega}}\right)}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega\cdot\psi\left(\Omega^{\Omega^{\Omega}} ight)}} ight)$
$\psi\left(\Omega^{\Omega^{\Omega^2}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^2}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^2}\cdot 2}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^2}\cdot 2}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^2+1}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^2+1}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^2+\Omega}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^2+\Omega}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^2\cdot 2}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^2 \cdot 2}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^3}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^3}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{3}\cdot2}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^3\cdot 2}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^4}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^4}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\omega}}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\omega}}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}} + \Omega\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}+1\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}\cdot 2\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}}\cdot 2\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}+1}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}+1}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}\cdot 2}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}}\cdot 2}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}+1}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}+1}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}.2}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega}\cdot 2}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega+1}}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega+1}}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega\cdot 2}}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega \cdot 2}}}\right)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega^{\Omega^{\Omega^2}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^2}}\right)$
$\psi\left(\Omega^{\Omega^{\Omega^{\Omega^{\Omega}}}}\right)$	$\psi\left(\Omega^{\Omega^{\Omega^{\Omega^{\Omega}}}}\right)$
$\psi\left(\Omega_{2} ight)$	$\psi(\psi_1(0))$
$\psi\left(\Omega_{2}+\Omega\right)$	$\psi(\psi_1(0)+1)$
$\psi\left(\Omega_2 + \Omega^\Omega\right)$	$\psi(\psi_1(0) + \Omega^{\Omega})$
$\psi\left(\Omega_2 + \Omega^{\Omega^{\Omega}}\right)$	$\psi(\psi_1(0) + \Omega^{\Omega^{\Omega}})$
$\psi\left(\Omega_2 + \psi_1(\Omega_2)\right)$	$\psi(\psi_1(0)\cdot 2)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2) \cdot 2\right)$	$\psi(\psi_1(0)\cdot 3)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + 1)\right)$	$\psi(\psi_1(0)\cdot\omega)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \psi(\Omega_2))\right)$	$\psi(\psi_1(0)\cdot\psi(\psi_1(0)))$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \Omega)\right)$	$\psi(\psi_1(0)\cdot\Omega)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \Omega^{\Omega^{\Omega}})\right)$	$\psi(\psi_1(0)\cdot\Omega^{\Omega^\Omega})$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2))\right)$	$\psi(\psi_1(0)^2)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2)) \cdot 2\right)$	$\psi(\psi_1(0)^2\cdot 2)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2)) \cdot \Omega\right)$	$\psi(\psi_1(0)^2\cdot\Omega)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2) \cdot 2)\right)$	$\psi(\psi_1(0)^3)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2 + 1))\right)$	$\psi(\psi_1(0)^\omega)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2 + \Omega))\right)$	$\psi(\psi_1(0)^\Omega)$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2 + \Omega^{\Omega}))\right)$	$\psi(\psi_1(0)^{\Omega^{\Omega}})$
$\psi\left(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2)))\right)$	$\psi(\psi_1(0)^{\psi_1(0)})$
$\psi\left(\Omega_2\cdot 2\right)$	$\psi(\psi_1(1))$
$\psi\left(\Omega_2\cdot 2 + \psi_1(\Omega_2)\right)$	$\psi(\psi_1(1) + \psi_1(0))$
$\psi\left(\Omega_2\cdot 2 + \psi_1(\Omega_2\cdot 2)\right)$	$\psi(\psi_1(1)\cdot 2)$
$\psi\left(\Omega_2\cdot 2 + \psi_1(\Omega_2\cdot 2 + \psi_1(\Omega_2\cdot 2))\right)$	$\psi(\psi_1(1)^2)$
$\psi\left(\Omega_2\cdot 3\right)$	$\psi(\psi_1(2))$
$\psi\left(\Omega_2\cdot\omega ight)$	$\psi(\psi_1(\omega))$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega_2\cdot\psi(\Omega_2)\right)$	$\psi(\psi_1(\psi(\psi_1(0))))$
$\psi\left(\Omega_2\cdot\Omega\right)$	$\psi(\psi_1(\Omega))$
$\psi\left(\Omega_2\cdot\Omega^2\right)$	$\psi(\psi_1(\Omega^2))$
$\psi\left(\Omega_2\cdot\psi_1(\Omega_2)\right)$	$\psi(\psi_1(\psi_1(0)))$
$\psi\left(\Omega_2{}^2\right)$	$\psi(\Omega_2)$
$\psi\left(\Omega_2^2 + \psi_1(\Omega_2^2)\right)$	$\psi(\Omega_2 + \psi_1(\Omega_2))$
$\psi\left(\Omega_2^2 + \Omega_2\right)$	$\psi(\Omega_2 + \psi_1(\Omega_2 + 1))$
$\psi\left(\Omega_2^2 + \Omega_2 \cdot \psi_1(\Omega_2^2)\right)$	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2)))$
$\psi\left(\Omega_2^2\cdot 2\right)$	$\psi(\Omega_2 \cdot 2)$
$\psi\left(\Omega_2{}^2\cdot\Omega\right)$	$\psi(\Omega_2\cdot\Omega)$
$\psi\left(\Omega_2{}^2\cdot\psi_1(\Omega_2{}^2)\right)$	$\psi(\Omega_2 \cdot \psi_1(\Omega_2))$
$\psi\left(\Omega_2{}^3\right)$	$\psi(\Omega_2{}^2)$
$\psi\left(\Omega_2^{\ 4}\right)$	$\psi(\Omega_2{}^3)$
$\psi\left(\Omega_2{}^\omega\right)$	$\psi(\Omega_2{}^\omega)$
$\psi\left(\Omega_2^{\psi(\Omega_2^{\omega})}\right)$	$\psi(\Omega_2^{\psi(\Omega_2^{\omega})})$
$\psi\left(\Omega_2{}^\Omega\right)$	$\psi(\Omega_2{}^\Omega)$
$\psi\left(\Omega_2^{\psi_1\left(\Omega_2^{\Omega}\right)}\right)$	$\psi(\Omega_2^{\psi_1(\Omega_2^{\omega})})$
$\psi\left(\Omega_{2}^{\ \Omega_{2}}\right)$	$\psi(\Omega_2{}^{\Omega_2})$
$\psi\left(\Omega_2^{\Omega_2}\right)$	$\psi(\Omega_2{}^{\Omega_2})$
$\psi\left(\Omega_2^{\Omega_2} + \Omega\right)$	$\psi(\Omega_2^{\Omega_2} + 1)$
$\psi\left(\Omega_2^{\Omega_2} + \psi_1(\Omega_2)\right)$	$\psi(\Omega_2^{\Omega_2} + \psi_1(0))$
$\psi\left(\Omega_2^{\Omega_2} + \psi_1(\Omega_2^{\Omega_2})\right)$	$\psi(\Omega_2^{\Omega_2} + \psi_1(\Omega_2^{\Omega_2}))$
$\psi\left(\Omega_2^{\Omega_2} + \Omega_2\right)$	$\psi(\Omega_2{}^{\Omega_2}+\Omega_2)$
$\psi\left(\Omega_2^{\Omega_2} + \Omega_2^{\omega}\right)$	$\psi(\Omega_2^{\Omega_2} + \Omega_2^{\omega})$
$\psi\left(\Omega_2^{\Omega_2} + \Omega_2^{\Omega}\right)$	$\psi(\Omega_2^{\Omega_2} + \Omega_2^{\Omega})$
$\psi\left(\Omega_2^{\Omega_2} + \Omega_2^{\psi_1(\Omega_2)}\right)$	$\psi(\Omega_2^{\Omega_2} + \Omega_2^{\psi_1(\Omega_2)})$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega_2^{\Omega_2} + \Omega_2^{\psi_1(\Omega_2^{\Omega_2})}\right)$	$\psi(\Omega_2^{\Omega_2} + \Omega_2^{\psi_1(\Omega_2^{\Omega_2})})$
$\psi\left(\Omega_2^{\Omega_2}\cdot 2\right)$	$\psi(\Omega_2^{\Omega_2} \cdot 2)$
$\psi\left(\psi_2\left(\psi_2\left(\psi_2(0)\right)+\Omega\right)\right)$	$\psi(\Omega_2{}^{\Omega_2}\cdot\Omega^2)$
$\psi (\psi_2 (\psi_2 (\psi_2 (0)) + \psi_1 (\psi_2 (0))))$	$\psi(\Omega_2^{\Omega_2} \cdot \psi_1(0))$
$\psi\left(\Omega_2^{\Omega_2+1}\right)$	$\psi(\Omega_2^{\Omega_2+1})$
$\psi\left(\Omega_2^{\Omega_2\cdot 2}\right)$	$\psi(\Omega_2^{\ \Omega_2\cdot 2})$
$\psi\left(\Omega_2^{\Omega_2\cdot\Omega}\right)$	$\psi(\Omega_2^{\Omega_2 \cdot \Omega})$
$\psi\left(\Omega_{2}^{\ \Omega_{2}^{2}}\right)$	$\psi(\Omega_2^{\Omega_2^2})$
$\psi\left(\Omega_2^{\Omega_2^2\cdot 2}\right)$	$\psi(\Omega_2^{\Omega_2^2 \cdot 2})$
$\psi\left(\Omega_2^{\Omega_2^3}\right)$	$\psi(\Omega_2^{\Omega_2^3})$
$\psi\left(\Omega_{2}^{\Omega_{2}{}^{\omega}}\right)$	$\psi(\Omega_2^{\Omega_2^{\omega}})$
$\psi\left(\Omega_2^{\Omega_2^{\Omega}}\right)$	$\psi(\Omega_2^{\Omega_2^{\Omega}})$
$\psi\left(\Omega_2^{\Omega_2^{\Omega_2}}\right)$	$\psi(\Omega_2^{\Omega_2^{\Omega_2}})$
$\psi\left(\Omega_2^{\Omega_2^{\Omega_2}}\cdot 2\right)$	$\psi(\Omega_2^{\Omega_2^{\Omega_2}} \cdot 2)$
$\psi\left(\Omega_2^{\Omega_2\Omega_2\cdot 2}\right)$	$\psi(\Omega_2^{\Omega_2\Omega_2\cdot 2})$
$\psi\left(\Omega_2^{\Omega_2^{\Omega_2 \cdot 2}}\right)$	$\psi(\Omega_2^{\Omega_2^{\Omega_2 \cdot 2}})$
$\psi\left(\Omega_2^{\Omega_2^{\Omega_2^2}}\right)$	$\psi(\Omega_2^{\Omega_2^{\Omega_2^2}})$
$\psi\left(\Omega_2^{\Omega_2^{\Omega_2^{\omega}}}\right)$	$\psi(\Omega_2^{\Omega_2^{\Omega_2^{lpha}}})$
$\psi(\Omega_3)$	$\psi(\psi_2(0))$
$\psi\left(\Omega_{3}+\Omega\right)$	$\psi(\psi_2(0)+1)$
$\psi\left(\Omega_3+\Omega^\Omega\right)$	$\psi(\psi_2(0) + \Omega^{\Omega})$
$\psi\left(\Omega_{3}+\psi_{1}\left(\Omega_{2}\right)\right)$	$\psi(\psi_2(0) + \psi_1(0))$
$\psi\left(\Omega_{3}+\psi_{1}\left(\Omega_{3}\right)\right)$	$\psi(\psi_2(0) + \psi_1(\psi_2(0)))$
$\psi\left(\Omega_3 + \Omega_2\right)$	$\psi(\psi_2(0) + \Omega_2)$
$\psi\left(\Omega_3 + \Omega_2^{\Omega_2}\right)$	$\psi(\psi_2(0) + \Omega_2^{\Omega_2})$
$\psi\left(\Omega_{3}+\psi_{2}\left(\Omega_{3}\right)\right)$	$\psi(\psi_2(0)\cdot 2)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega_3\cdot 2\right)$	$\psi(\psi_2(1))$
$\psi\left(\Omega_3^{\ 2}\right)$	$\psi(\Omega_3)$
$\psi\left(\Omega_3{}^\omega\right)$	$\psi(\Omega_3{}^\omega)$
$\psi\left(\Omega_3{}^\Omega\right)$	$\psi(\Omega_3{}^\Omega)$
$\psi\left(\Omega_3^{\Omega_2}\right)$	$\psi(\Omega_3{}^{\Omega_2})$
$\psi\left(\Omega_3^{\Omega_3}\right)$	$\psi(\Omega_3^{\ \Omega_3})$
$\psi\left(\Omega_3^{\Omega_3}\cdot 2\right)$	$\psi(\Omega_3^{\Omega_3} \cdot 2)$
$\psi\left(\Omega_3^{\Omega_3+1}\right)$	$\psi(\Omega_3^{\Omega_3+1})$
$\psi\left(\Omega_3^{\Omega_3\cdot 2}\right)$	$\psi(\Omega_3{}^{\Omega_3\cdot 2})$
$\psi\left(\Omega_3^{\Omega_3\cdot\omega}\right)$	$\psi(\Omega_3{}^{\Omega_3\cdot\omega})$
$\psi\left(\Omega_3^{\Omega_3^{2}}\right)$	$\psi(\Omega_3^{\Omega_3^2})$
$\psi\left(\Omega_3{}^{\Omega_3{}^\omega} ight)$	$\psi(\Omega_3{}^{\Omega_3{}^\omega})$
$\psi\left(\Omega_3{}^{\Omega_3{}^{\Omega}}\right)$	$\psi(\Omega_3{}^{\Omega_3{}^\Omega})$
$\psi\left(\Omega_3^{\Omega_3^{\Omega_2}}\right)$	$\psi(\Omega_3^{\Omega_3^{\Omega_2}})$
$\psi\left(\Omega_3^{\Omega_3\Omega_3}\right)$	$\psi(\Omega_3^{\Omega_3^{\Omega_3}})$
$\psi\left(\Omega_{4} ight)$	$\psi(\psi_3(0))$
$\psi\left(\Omega_4 + \Omega \cdot \psi\left(\Omega_4\right)\right)$	$\psi(\psi_3(0) + \psi(\psi_3(0)))$
$\psi\left(\Omega_4 + \Omega^2\right)$	$\psi(\psi_3(0) + \psi(\psi_3(0)))$
$\psi\left(\Omega_4 + \Omega^2\right)$	$\psi(\psi_3(0) + \Omega)$
$\psi\left(\Omega_4 + \Omega_2 \cdot \psi_1\left(\Omega_4\right)\right)$	$\psi(\psi_3(0) + \psi_1(\psi_3(0)))$
$\psi\left(\Omega_4 + \Omega_2^2\right)$	$\psi(\psi_3(0) + \Omega_2)$
$\psi\left(\Omega_4 + \Omega_3 \cdot \psi_2\left(\Omega_4\right)\right)$	$\psi(\psi_3(0) + \psi_2(\psi_3(0)))$
$\psi\left(\Omega_4\cdot 2\right)$	$\psi(\psi_3(0) + \Omega_3)$
$\psi\left(\Omega_4 + \Omega_3^2\right)$	$\psi(\psi_3(1))$
$\psi\left(\Omega_4\cdot\psi_3\left(\Omega_4\right)\right)$	$\psi(\psi_3(\psi_3(0)))$
$\psi\left(\Omega_4^{\ 2}\right)$	$\psi(\Omega_4)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega_4{}^\omega\right)$	$\psi(\Omega_4{}^\omega)$
$\psi\left(\Omega_4^{\ \Omega_4}\right)$	$\psi(\Omega_4{}^{\Omega_4})$
$\psi\left(\Omega_{5} ight)$	$\psi(\psi_4(0))$
$\psi\left({\Omega_5}^2\right)$	$\psi(\Omega_5)$
$\psi\left(\Omega_5^{\Omega_5}\right)$	$\psi(\Omega_5{}^{\Omega_5})$
$\psi\left(\Omega_{6} ight)$	$\psi(\psi_5(0))$
$\psi\left(\Omega_{7} ight)$	$\psi(\psi_6(0))$
$\psi\left(\Omega_{\omega} ight)$	$\psi\left(\Omega_{\omega} ight)$
$\psi\left(\Omega_{\omega}+1\right)$	$\psi\left(\Omega_{\omega}\right)\cdot\omega$
$\psi\left(\Omega_{\omega} + \psi(\Omega)\right)$	$\psi\left(\Omega_{\omega}\right)\cdot\psi(0)$
$\psi\left(\Omega_{\omega} + \psi(\Omega_{\omega})\right)$	$\psi\left(\Omega_{\omega}\right)^{2}$
$\psi\left(\Omega_{\omega}+\Omega\right)$	$\psi\left(\Omega_{\omega}+1\right)$
$\psi\left(\Omega_{\omega} + \Omega \cdot \psi(\Omega_{\omega})\right)$	$\psi\left(\Omega_{\omega} + \psi(\Omega_{\omega})\right)$
$\psi\left(\Omega_{\omega}+\Omega^{2}\right)$	$\psi\left(\Omega_{\omega}+\Omega\right))$
$\psi\left(\Omega_{\omega} + \psi_1(\Omega_2)\right)$	$\psi\left(\Omega_{\omega} + \psi_1(0)\right)$
$\psi\left(\Omega_{\omega} + \psi_1(\Omega_3)\right)$	$\psi\left(\Omega_{\omega} + \psi_1(\psi_2(0))\right)$
$\psi\left(\Omega_{\omega} + \psi_1(\Omega_{\omega})\right)$	$\psi\left(\Omega_{\omega} + \psi_1(\Omega_{\omega})\right)$
$\psi\left(\Omega_{\omega}+\Omega_{2}\right)$	$\psi\left(\Omega_{\omega} + \psi_1(\Omega_{\omega} + 1)\right)$
$\psi\left(\Omega_{\omega} + \psi_2(\Omega_{\omega})\right)$	$\psi\left(\Omega_{\omega} + \psi_2(\Omega_{\omega})\right)$
$\psi\left(\Omega_{\omega}\cdot 2\right)$	$\psi\left(\Omega_{\omega}\cdot2 ight)$
$\psi\left(\Omega_{\omega}\cdot\omega\right)$	$\psi\left(\Omega_{\omega}\cdot\omega ight)$
$\psi\left(\Omega_{\omega}\cdot\psi(\Omega)\right)$	$\psi\left(\Omega_{\omega}\cdot\psi(0)\right)$
$\psi\left(\Omega_{\omega}\cdot\psi(\Omega_{\omega})\right)$	$\psi\left(\Omega_{\omega}\cdot\psi(\Omega_{\omega})\right)$
$\psi\left(\Omega_{\omega}\cdot\Omega\right)$	$\psi\left(\Omega_{\omega}\cdot\Omega\right)$
$\psi\left(\Omega_{\omega}\cdot\Omega_{2}\right)$	$\psi\left(\Omega_{\omega}\cdot\Omega_{2} ight)$
$\psi\left(\Omega_{\omega}^{2}\right)$	$\psi\left(\Omega_{\omega}^{2}\right)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega_{\omega}^{3}\right)$	$\psi\left(\Omega_{\omega}{}^{3}\right)$
$\psi\left(\Omega_{\omega}{}^{\omega}\right)$	$\psi\left(\Omega_{\omega}{}^{\omega}\right)$
$\psi\left(\Omega_{\omega}{}^{\Omega}\right)$	$\psi\left(\Omega_{\omega}{}^{\Omega}\right)$
$\psi\left(\Omega_{\omega}^{\Omega_{2}}\right)$	$\psi\left(\Omega_{\omega}{}^{\Omega_2}\right)$
$\psi\left(\Omega_{\omega}^{\Omega_{\omega}}\right)$	$\psi\left(\Omega_{\omega}{}^{\Omega_{\omega}}\right)$
$\psi\left(\Omega_{\omega}{}^{\Omega_{\omega}{}^{\Omega_{\omega}}}\right)$	$\psi\left(\Omega_{\omega}{}^{\Omega_{\omega}{}^{\Omega_{\omega}}}\right)$
$\psi\left(\Omega_{\omega+1}\right)$	$\psi\left(\psi_{\omega}(0) ight)$
$\psi\left(\Omega_{\omega+1}+\Omega_{\omega}\right)$	$\psi\left(\psi_{\omega}(0) + \Omega_{\omega}\right)$
$\psi\left(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})\right)$	$\psi\left(\psi_{\omega}(0)\cdot 2\right)$
$\psi\left(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + 1)\right)$	$\psi\left(\psi_{\omega}(0)\cdot\omega\right)$
$\psi\left(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} \cdot 2)\right)$	$\psi\left(\psi_{\omega}(0)^2\right)$
$\psi\left(\Omega_{\omega+1}\cdot 2\right)$	$\psi\left(\psi_{\omega}(1) ight)$
$\psi\left(\Omega_{\omega+1}\cdot\omega\right)$	$\psi\left(\psi_{\omega}(\omega) ight)$
$\psi\left(\Omega_{\omega+1}\cdot\Omega_{\omega}\right)$	$\psi\left(\psi_{\omega}(\Omega_{\omega}) ight)$
$\psi\left(\Omega_{\omega+1}^{2}\right)$	$\psi\left(\Omega_{\omega+1}\right)$
$\psi\left(\Omega_{\omega+1}{}^{\omega}\right)$	$\psi\left(\Omega_{\omega+1}{}^{\omega}\right)$
$\psi\left(\Omega_{\omega+1}^{\Omega_{\omega}}\right)$	$\psi\left(\Omega_{\omega+1}{}^{\Omega_{\omega}}\right)$
$\psi\left(\Omega_{\omega+1}^{\Omega_{\omega+1}}\right)$	$\psi\left(\Omega_{\omega+1}^{\Omega_{\omega+1}}\right)$
$\psi\left(\Omega_{\omega+2}\right)$	$\psi\left(\psi_{\omega+1}(0)\right)$
$\psi\left(\Omega_{\omega+2}^{2}\right)$	$\psi\left(\Omega_{\omega+2}\right)$
$\psi\left(\Omega_{\omega+2}{}^{\omega}\right)$	$\psi\left(\Omega_{\omega+2}{}^{\omega}\right)$
$\psi\left(\Omega_{\omega+3}\right)$	$\psi\left(\psi_{\omega+2}(0)\right)$
$\psi\left(\Omega_{\omega\cdot2}\right)$	$\psi\left(\Omega_{\omega\cdot2} ight)$
$\psi\left(\Omega_{\omega\cdot3}\right)$	$\psi\left(\Omega_{\omega\cdot3}\right)$
$\psi\left(\Omega_{\omega^2}\right)$	$\psi\left(\Omega_{\omega^2} ight)$
$\psi\left(\Omega_{\omega^{\omega}} ight)$	$\psi\left(\Omega_{\omega^{\omega}} ight)$

Buchholz's OCF	Madore's OCF
$\psi\left(\Omega_{\psi(\Omega)} ight)$	$\psi\left(\Omega_{\psi(0)} ight)$
$\psi\left(\Omega_{\psi(\Omega^\omega)} ight)$	$\psi\left(\Omega_{\psi(\Omega^\omega)} ight)$
$\psi\left(\Omega_{\psi(\Omega_2)} ight)$	$\psi\left(\Omega_{\psi(\psi_1(0))}\right)$
$\psi\left(\Omega_{\psi(\Omega_{\omega})} ight)$	$\psi\left(\Omega_{\psi(\Omega_{\omega})}\right)$
$\psi\left(\Omega_{\psi(\Omega_{\psi(\Omega_{\omega})})}\right)$	$\psi\left(\Omega_{\psi(\Omega_{\psi(\Omega_{\omega})})} ight)$
$\psi\left(\Omega_{\Omega} ight)$	$\psi\left(\Omega_{\Omega} ight)$
$\psi\left(\Omega_{\Omega+1} ight)$	$\psi\left(\psi_{\Omega}(0) ight)$
$\psi\left(\Omega_{\Omega+\omega} ight)$	$\psi\left(\Omega_{\Omega+\omega} ight)$
$\psi\left(\Omega_{\Omega\cdot2} ight)$	$\psi\left(\Omega_{\Omega\cdot2} ight)$
$\psi\left(\Omega_{\Omega^2} ight)$	$\psi\left(\Omega_{\Omega^2} ight)$
$\psi\left(\Omega_{\Omega^{\Omega}} ight)$	$\psi\left(\Omega_{\Omega^{\Omega}} ight)$
$\psi\left(\Omega_{\psi_1(\Omega_2)}\right)$	$\psi\left(\Omega_{\psi_1(0)}\right)$
$\psi\left(\Omega_{\psi_1(\Omega_\omega)}\right)$	$\psi\left(\Omega_{\psi_1(\Omega_\omega)} ight)$
$\psi\left(\Omega_{\psi_1(\Omega_\Omega)}\right)$	$\psi\left(\Omega_{\psi_1(\Omega_\Omega)} ight)$
$\psi\left(\Omega_{\psi_1(\Omega_{\psi_1(\Omega_{\omega})})}\right)$	$\psi\left(\Omega_{\psi_1(\Omega_{\psi_1(\Omega_{\omega})})}\right)$
$\psi\left(\Omega_{\Omega_2}\right)$	$\psi\left(\Omega_{\Omega_{2}} ight)$
$\psi\left(\Omega_{\Omega_{\omega}} ight)$	$\psi\left(\Omega_{\Omega_{\omega}} ight)$
$\psi\left(\Omega_{\Omega_{\Omega}} ight)$	$\psi\left(\Omega_{\Omega_{\Omega}} ight)$
$\psi\left(I\right)$	$\psi\left(\psi_{I}(0)\right)$

A.7 BMS vs Cantor 式/Veblen 函数

本节的结果主要引自[6-7]。

BMS	Madore's OCF
(0)	1
(0)(0)	2
(0)(0)(0)	3

BMS	Madore's OCF
(0)(1)	ω
(0)(1)(0)	$\omega + 1$
(0)(1)(0)(1)	$\omega \cdot 2$
(0)(1)(0)(1)(0)(1)	$\omega \cdot 3$
(0)(1)(1)	ω^2
(0)(1)(1)(0)(1)	$\omega^2 + \omega$
(0)(1)(1)(0)(1)(1)	$\omega^2 \cdot 2$
(0)(1)(1)(1)	ω^3
(0)(1)(1)(1)(1)	ω^4
(0)(1)(2)	ω^{ω}
(0)(1)(2)(1)	$\omega^{\omega+1}$
(0)(1)(2)(1)(2)	$\omega^{\omega \cdot 2}$
(0)(1)(2)(2)	ω^{ω^2}
(0)(1)(2)(2)(2)	ω^{ω^3}
(0)(1)(2)(3)	$\omega^{\omega^{\omega}}$
(0)(1)(2)(3)(1)	$\omega^{\omega^{\omega}+1}$
(0)(1)(2)(3)(2)	$\omega^{\omega^{\omega+1}}$
(0)(1)(2)(3)(3)	ω^{ω^2}
(0)(1)(2)(3)(4)	$\omega^{\omega^{\omega^{\omega}}}$
(0,0)(1,1)	$arepsilon_0$
(0,0)(1,1)(0,0)	$\varepsilon_0 + 1$
(0,0)(1,1)(0,0)(1,1)	$arepsilon_0\cdot 2$
(0,0)(1,1)(0,0)(1,1)(0,0)(1,1)	$arepsilon_0 \cdot 3$
(0,0)(1,1)(1,0)	$\varepsilon_0 \cdot \omega$
(0,0)(1,1)(1,0)(1,0)	$\varepsilon_0 \cdot \omega^2$
(0,0)(1,1)(1,0)(2,0)	$\varepsilon_0 \cdot \omega^{\omega}$

BMS	Madore's OCF
(0,0)(1,1)(1,0)(2,0)(1,0)	$\varepsilon_0 \cdot \omega^{\omega+1}$
(0,0)(1,1)(1,0)(2,0)(2,0)	$arepsilon_0 \cdot \omega^{\omega^2}$
(0,0)(1,1)(1,0)(2,0)(3,0)	$arepsilon_0 \cdot \omega^{\omega^\omega}$
(0,0)(1,1)(1,0)(2,1)	${arepsilon_0}^2$
(0,0)(1,1)(1,0)(2,1)(1,0)	${\varepsilon_0}^2 \cdot \omega$
(0,0)(1,1)(1,0)(2,1)(1,0)(2,1)	${arepsilon_0}^3$
(0,0)(1,1)(1,0)(2,1)(2,0)	$arepsilon_0^{\;\omega}$
(0,0)(1,1)(1,0)(2,1) - (2,0)(1,0)(2,1)	${\varepsilon_0}^{\omega+1}$
(0,0)(1,1)(1,0)(2,1)(2,0)(2,0)	$arepsilon_0^{\omega^2}$
(0,0)(1,1)(1,0)(2,1)(2,0)(3,0)	$arepsilon_0^{\ \omega^\omega}$
(0,0)(1,1)(1,0)(2,1)(2,0)(3,1)	${arepsilon_0}^{arepsilon_0}$
(0,0)(1,1)(1,0)(2,1) - (2,0)(3,1)(1,0)(2,1)	${\varepsilon_0}^{{\varepsilon_0}+1}$
(0,0)(1,1)(1,0)(2,1)- $-(2,0)(3,1)(2,0)$	$arepsilon_0^{\epsilon_0\cdot\omega}$
(0,0)(1,1)(1,0)(2,1)- $-(2,0)(3,1)(2,0)(3,1)$	${arepsilon_0}^{{arepsilon_0}^2}$
(0,0)(1,1)(1,0)(2,1)- $-(2,0)(3,1)(3,0)$	$\varepsilon_0^{\varepsilon_0^{\omega}}$
(0,0)(1,1)(1,0)(2,1)- $-(2,0)(3,1)(3,0)(4,1)$	${\varepsilon_0}^{{\varepsilon_0}^{{\varepsilon_0}}}$
(0,0)(1,1)(1,1)	$arepsilon_1$
(0,0)(1,1)(1,1)(1,1)	$arepsilon_2$
(0,0)(1,1)(2,0)	$arepsilon_{\omega}$
(0,0)(1,1)(2,0)(1,1)	$\varepsilon_{\omega+1}$
(0,0)(1,1)(2,0)(1,1)(2,0)	$arepsilon_{\omega \cdot 2}$
(0,0)(1,1)(2,0)(2,0)	$arepsilon_{\omega^2}$
(0,0)(1,1)(2,0)(2,0)(2,0)	$arepsilon_{\omega^3}$
(0,0)(1,1)(2,0)(3,0)	$arepsilon_{\omega^{\omega}}$

BMS	Madore's OCF
(0,0)(1,1)(2,0)(3,1)	$arepsilon_{arepsilon_0}$
(0,0)(1,1)(2,0)(3,1)(1,1)	$arepsilon_{arepsilon_0+1}$
(0,0)(1,1)(2,0)(3,1)(2,0)	$arepsilon_{arepsilon_0\cdot\omega}$
(0,0)(1,1)(2,0)(3,1)(3,1)	$arepsilon_{arepsilon_1}$
(0,0)(1,1)(2,0)(3,1)(4,0)	$arepsilon_{arepsilon_{\omega}}$
(0,0)(1,1)(2,0)(3,1)(4,0)(5,1)	$arepsilon_{arepsilon_{arepsilon_0}}$
(0,0)(1,1)(2,1)	ζ_0
(0,0)(1,1)(2,1)(1,1)	$arepsilon_{\zeta_0+1}$
(0,0)(1,1)(2,1)(1,1)(2,0)	$arepsilon_{\zeta_0+\omega}$
(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)	$\varepsilon_{\zeta_0+\varepsilon_0}$
(0,0)(1,1)(2,1)(1,1)-(2,0)(3,1)(2,0)	$arepsilon_{\zeta_0+arepsilon_0\cdot\omega}$
(0,0)(1,1)(2,1)(1,1)-(2,0)(3,1)(3,1)	$arepsilon_{\zeta_0+arepsilon_1}$
(0,0)(1,1)(2,1)(1,1)- $-(2,0)(3,1)(4,1)$	$arepsilon_{\zeta_0\cdot 2}$
(0,0)(1,1)(2,1)(1,1)- $-(2,0)(3,1)(4,1)(3,0)$	$arepsilon_{\zeta_0\cdot\omega}$
(0,0)(1,1)(2,1)(1,1)- $-(2,0)(3,1)(4,1)(3,1)$	$\varepsilon_{arepsilon_{\zeta_0+1}}$
(0,0)(1,1)(2,1)(1,1)(2,1)	ζ_1
(0,0)(1,1)(2,1)(1,1)(2,1)(1,1)(2,1)	ζ_2
(0,0)(1,1)(2,1)(2,0)	ζ_{ω}
(0,0)(1,1)(2,1)(2,0)(3,0)	$\zeta_{\omega^{\omega}}$
(0,0)(1,1)(2,1)(2,0)(3,1)	$\zeta_{arepsilon_0}$
(0,0)(1,1)(2,1)(2,0)(3,1)(4,1)	ζ_{ζ_0}
(0,0)(1,1)(2,1)(2,1)	η_0
(0,0)(1,1)(2,1)(2,1)(1,1)	$arepsilon_{\eta_0+1}$
(0,0)(1,1)(2,1)(2,1)(1,1)(2,1)	ζ_{η_0+1}

BMS	Madore's OCF
(0,0)(1,1)(2,1)(2,1)(1,1)(2,1)(2,1)	η_1
(0,0)(1,1)(2,1)(2,1)(2,0)	η_{ω}
(0,0)(1,1)(2,1)(2,1)- $-(2,0)(3,1)(4,1)(4,1)$	η_{η_0}
(0,0)(1,1)(2,1)(2,1)(2,1)	$\varphi(4,0)$
(0,0)(1,1)(2,1)(3,0)	$\varphi(\omega,0)$
(0,0)(1,1)(2,1)(3,0)(1,1)	$\varphi(1,\varphi(\omega,0)+1)$
(0,0)(1,1)(2,1)(3,0)(1,1)(2,1)	$\varphi(2,\varphi(\omega,0)+1)$
(0,0)(1,1)(2,1)(3,0) - (1,1)(2,1)(3,0)	$arphi(\omega,1)$
(0,0)(1,1)(2,1)(3,0)(2,0)	$\varphi(\omega,\omega)$
(0,0)(1,1)(2,1)(3,0)(2,0)(3,1)	$\varphi(\omega, \varphi(1,0))$
(0,0)(1,1)(2,1)(3,0)- $-(2,0)(3,1)(4,1)(5,0)$	$\varphi(\omega, \varphi(\omega, 0))$
(0,0)(1,1)(2,1)(3,0)(2,1)	$\varphi(\omega+1,0)$
(0,0)(1,1)(2,1)(3,0)(2,1)(3,0)	$\varphi(\omega \cdot 2,0)$
(0,0)(1,1)(2,1)(3,0)(3,0)	$\varphi(\omega^2,0)$
(0,0)(1,1)(2,1)(3,0)(4,1)	$\varphi(\varphi(1,0),0)$
(0,0)(1,1)(2,1)(3,0)- $-(4,1)(5,1)(6,0)$	$\varphi(\varphi(\omega,0),0)$
(0,0)(1,1)(2,1)(3,1)	$\varphi(1,0,0)$
(0,0)(1,1)(2,1)(3,1)(1,1)	$\varphi(1,\varphi(1,0,0)+1)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)	$\varphi(2,\varphi(1,0,0)+1)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0)	$\varphi(\omega, \varphi(1,0,0)+1)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(3,0)(4,1)$	$\varphi(\varphi(1,0),\varphi(1,0,0)+1)$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(3,0)(4,1)(5,1)$	$\varphi(\varphi(2,0),\varphi(1,0,0)+1)$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(3,0)(4,1)(5,1)(6,1)$	$\varphi(\varphi(1,0,0),1)$

BMS	Madore's OCF
	Madore 5 OCI
$ \begin{array}{c c} (0,0)(1,1)(2,1)(3,1)(1,1)(2,1) - \\ -(3,0)(4,1)(5,1)(6,1)(2,0) \end{array} $	$\varphi(\varphi(1,0,0),\omega)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)-	
-(3,0)(4,1)(5,1)(6,1)(2,1)	$\varphi(\varphi(1,0,0)+1,0)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)-	
-(3,0)(4,1)(5,1)(6,1)(2,1)(3,0)	$\varphi(\varphi(1,0,0)+\omega,0)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)	
-(3,0)(4,1)(5,1)(6,1)(2,1)	$\varphi(\varphi(1,0,0)\cdot 2,0)$
-(3,0)(4,1)(5,1)(6,1)	
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)-	$\varphi(\varphi(1,0,0)\cdot\omega,0)$
-(3,0)(4,1)(5,1)(6,1)(3,0)	$\varphi(\varphi(1,0,0)\cdot\omega,0)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) -	$\varphi(\varphi(1,0,0)^{\omega},0)$
-(3,0)(4,1)(5,1)(6,1)(4,0)	φ(φ(1, 0, 0) , 0)
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)-	$\varphi(\varphi(1,\varphi(1,0,0)+1),0)$
-(3,0)(4,1)(5,1)(6,1)(4,1)	
(0,0)(1,1)(2,1)(3,1)(1,1)-	(((1 0 0) . 1) 0)
-(2,1)(3,0)(4,1)(5,1)	$\varphi(\varphi(\omega,\varphi(1,0,0)+1),0)$
-(6,1)(4,1)(5,1)(6,0)	
(0,0)(1,1)(2,1)(3,1) - (1,1)(2,1)(3,1)	$\varphi(1,0,1)$
(0,0)(1,1)(2,1)(3,1)(1,1)-	
-(2,1)(3,1)(1,1)(2,1)(3,1)	$\varphi(1,0,2)$
	, ,
(0,0)(1,1)(2,1)(3,1)(2,0)	$\varphi(1,0,\omega)$
(0,0)(1,1)(2,1)(3,1)	$\varphi(1,0,\varphi(1,0,0))$
-(2,0)(3,1)(4,1)(5,1)	
(0,0)(1,1)(2,1)(3,1)(2,1)	$\varphi(1,1,0)$
(0,0)(1,1)(2,1)(3,1)(2,1)(3,0)	$\varphi(1,\omega,0)$
(0,0)(1,1)(2,1)(3,1)-	$\varphi(1,\varphi(1,0,0),0)$
-(2,1)(3,0)(4,1)(5,1)(6,1)	$\varphi(1,\varphi(1,0,0),0)$
(0,0)(1,1)(2,1)(3,1)(2,1)(3,1)	$\varphi(2,0,0)$
(0,0)(1,1)(2,1)(3,1)(2,1)-	$\varphi(2,0,1)$
-(3,1)(1,1)(2,1)(3,1)(2,1)(3,1)	$\varphi(z,0,1)$
(0,0)(1,1)(2,1)(3,1)-	$\varphi(2,1,0)$
-(2,1)(3,1)(2,1)	7(-, 1, 0)
(0,0)(1,1)(2,1)(3,1)-	$\varphi(3,0,0)$
-(2,1)(3,1)(2,1)(3,1)	r (-, -, -, -)
(0,0)(1,1)(2,1)(3,1)(3,0)	$\varphi(\omega,0,0)$

BMS	Madore's OCF
(0,0)(1,1)(2,1)(3,1)(3,0)(4,1)(5,1)(6,1)	$\varphi(\varphi(1,0,0),0,0)$
(0,0)(1,1)(2,1)(3,1)(3,1)	$\varphi(1,0,0,0)$
(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)	$\varphi(1,0,1,0)$
(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)(3,1)	$\varphi(1,1,0,0)$
(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)(3,1)(3,1)	$\varphi(2,0,0,0)$
(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)	$\varphi(1,0,0,0,0)$
(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)(3,1)	$\varphi(1,0,0,0,0,0)$
(0,0)(1,1)(2,1)(3,1)(4,0)	$\varphi(1@\omega)$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(1,1)(2,1)(3,1)(4,0)$	$arphi(1@\omega,1@0)$
(0,0)(1,1)(2,1)(3,1)(4,0)(2,1)	$arphi(1@\omega,1@1)$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(2,1)(3,1)$	$\varphi(1@\omega,1@2)$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(2,1)(3,1)(4,0)$	$arphi(2@\omega)$
(0,0)(1,1)(2,1)(3,1)(4,0)(3,0)	$arphi(\omega@\omega)$
(0,0)(1,1)(2,1)(3,1)(4,0)(3,1)	$\varphi(1@\omega+1)$
(0,0)(1,1)(2,1)(3,1)(4,0)(4,0)	$\varphi(1@\omega^2)$
(0,0)(1,1)(2,1)(3,1)(4,0)(5,1)	$\varphi(1@\varphi(1,0))$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(5,1)(6,1)(7,1)$	$\varphi(1@\varphi(1,0,0))$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(5,1)(6,1)(7,1)(8,0)$	$\varphi(1@\varphi(1@\omega))$
(0,0)(1,1)(2,1)(3,1)(4,1)	$\varphi(1@(1,0))$
(0,0)(1,1)(2,1)(3,1)(4,1)-(1,1)(2,1)(3,1)(4,1)	$\varphi(1@(1,0),1)$
(0,0)(1,1)(2,1)(3,1)(4,1)(2,1)	$\varphi(1@(1,0),1@1)$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(2,1)(3,1)(4,1)$	$\varphi(2@(1,0))$
(0,0)(1,1)(2,1)(3,1)(4,1)(3,1)	$\varphi(1@(1,1))$

BMS	Madore's OCF
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(3,1)(4,1)$	$\varphi(1@(2,0))$
(0,0)(1,1)(2,1)(3,1)(4,1)(4,0)	$\varphi(1@(\omega,0))$
(0,0)(1,1)(2,1)(3,1)(4,1)(4,1)	$\varphi(1@(1,0,0))$
(0,0)(1,1)(2,1)(3,1)(4,1)(5,0)	$\varphi(1@(1@\omega))$
(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)	$\varphi(1@(1@(1,0)))$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(5,1)(6,1)$	$\varphi(1@(1@(1@(1,0))))$
(0,0)(1,1)(2,2)	$\varphi(1@(1,,0))$

A.8 BMS vs MOCF

本节的结果主要引自[6,8-9]。

BMS	Madore's OCF
(0,0)(1,1)	$\psi(0)$
(0,0)(1,1)(0,0)	$\psi(0) + 1$
(0,0)(1,1)(0,0)(1,1)	$\psi(0)\cdot 2$
(0,0)(1,1)(0,0)(1,1)(0,0)(1,1)	$\psi(0)\cdot 3$
(0,0)(1,1)(1,0)	$\psi(0)\cdot\omega$
(0,0)(1,1)(1,0)(1,0)	$\psi(0)\cdot\omega^2$
(0,0)(1,1)(1,0)(2,0)	$\psi(0)\cdot\omega^\omega$
(0,0)(1,1)(1,0)(2,0)(1,0)	$\psi(0)\cdot\omega^{\omega+1}$
(0,0)(1,1)(1,0)(2,0)(2,0)	$\psi(0)\cdot\omega^{\omega^2}$
(0,0)(1,1)(1,0)(2,0)(3,0)	$\psi(0)\cdot\omega^{\omega^{\omega}}$
(0,0)(1,1)(1,0)(2,1)	$\psi(0)^2$
(0,0)(1,1)(1,0)(2,1)(1,0)	$\psi(0)^2 \cdot \omega$
(0,0)(1,1)(1,0)(2,1)(1,0)(2,1)	$\psi(0)^3$
(0,0)(1,1)(1,0)(2,1)(2,0)	$\psi(0)^\omega$

BMS	Madore's OCF
(0,0)(1,1)(1,0)(2,1)-	$\psi(0)^{\omega+1}$
-(2,0)(1,0)(2,1)	$\psi(0)$
(0,0)(1,1)(1,0)(2,1)(2,0)(2,0)	$\psi(0)^{\omega^2}$
(0,0)(1,1)(1,0)(2,1)(2,0)(3,0)	$\psi(0)^{\omega^\omega}$
(0,0)(1,1)(1,0)(2,1)(2,0)(3,1)	$\psi(0)^{\psi(0)}$
(0,0)(1,1)(1,0)(2,1)-	$\psi(0)^{\psi(0)+1}$
-(2,0)(3,1)(1,0)(2,1)	Ψ (0)
(0,0)(1,1)(1,0)(2,1)-	$\psi(0)^{\psi(0)+\omega}$
-(2,0)(3,1)(2,0)	. ,
$ \begin{array}{c c} (0,0)(1,1)(1,0)(2,1) - \\ -(2,0)(3,1)(2,0)(3,1) \end{array} $	$\psi(0)^{\psi(0)^2}$
(0,0)(1,1)(1,0)(2,1)-	$\psi(0)^{\psi(0)^\omega}$
-(2,0)(3,1)(3,0)	$\psi(0)$. γ
(0,0)(1,1)(1,0)(2,1)-	$\psi(0)^{\psi(0)^{\psi(0)}}$
-(2,0)(3,1)(3,0)(4,1)	Ψ(0)
(0,0)(1,1)(1,1)	$\psi(1)$
(0,0)(1,1)(1,1)(1,1)	$\psi(2)$
(0,0)(1,1)(2,0)	$\psi(\omega)$
(0,0)(1,1)(2,0)(1,1)	$\psi(\omega+1)$
(0,0)(1,1)(2,0)(1,1)(2,0)	$\psi(\omega \cdot 2)$
(0,0)(1,1)(2,0)(2,0)	$\psi(\omega^2)$
(0,0)(1,1)(2,0)(2,0)(2,0)	$\psi(\omega^3)$
(0,0)(1,1)(2,0)(3,0)	$\psi(\omega^\omega)$
(0,0)(1,1)(2,0)(3,1)	$\psi(\psi(0))$
(0,0)(1,1)(2,0)(3,1)(1,1)	$\psi(\psi(0)+1)$
(0,0)(1,1)(2,0)(3,1)(2,0)	$\psi(\psi(0)\cdot\omega)$
(0,0)(1,1)(2,0)(3,1)(3,1)	$\psi(\psi(1))$
(0,0)(1,1)(2,0)(3,1)(4,0)	$\psi(\psi(\omega))$
(0,0)(1,1)(2,0)(3,1)(4,0)(5,1)	$\psi(\psi(\psi(0)))$
(0,0)(1,1)(2,1)	$\psi(\Omega)$

BMS	Madore's OCF
(0,0)(1,1)(2,1)(1,1)	$\psi(\Omega+1)$
(0,0)(1,1)(2,1)(1,1)(2,0)	$\psi(\Omega+\omega)$
(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)	$\psi(\Omega + \psi(0))$
(0,0)(1,1)(2,1)(1,1)- $-(2,0)(3,1)(2,0)$	$\psi(\psi(\Omega+\psi(1))$
(0,0)(1,1)(2,1)(1,1)- $-(2,0)(3,1)(3,1)$	$\psi(\Omega + \psi(2))$
(0,0)(1,1)(2,1)(1,1)- $-(2,0)(3,1)(4,1)$	$\psi(\Omega + \psi(\Omega))$
(0,0)(1,1)(2,1)(1,1)- $-(2,0)(3,1)(4,1)(3,0)$	$\psi(\Omega + \psi(\Omega) \cdot \omega)$
(0,0)(1,1)(2,1)(1,1)- $-(2,0)(3,1)(4,1)(3,1)$	$\psi(\Omega + \psi(\Omega)^2)$
(0,0)(1,1)(2,1)(1,1)(2,1)	$\psi(\Omega\cdot 2)$
(0,0)(1,1)(2,1)(1,1)- $-(2,1)(1,1)(2,1)$	$\psi(\Omega \cdot 3)$
(0,0)(1,1)(2,1)(2,0)	$\psi(\Omega\cdot\omega)$
(0,0)(1,1)(2,1)(2,0)(3,0)	$\psi(\Omega^2 \cdot \psi(2))$
(0,0)(1,1)(2,1)(2,0)(3,1)	$\psi(\Omega\cdot\psi(0))$
(0,0)(1,1)(2,1)(2,0)(3,1)(4,1)	$\psi(\Omega\cdot\psi(\Omega))$
(0,0)(1,1)(2,1)(2,1)	$\psi(\Omega^2)$
(0,0)(1,1)(2,1)(2,1)(1,1)	$\psi(\Omega^2+1)$
(0,0)(1,1)(2,1)(2,1)(1,1)(2,1)	$\psi(\Omega^2 + \Omega)$
(0,0)(1,1)(2,1)(2,1)- $-(1,1)(2,1)(2,1)$	$\psi(\Omega^2 \cdot 2)$
(0,0)(1,1)(2,1)(2,1)(2,0)	$\psi(\Omega^2\cdot\omega)$
(0,0)(1,1)(2,1)(2,1)- $-(2,0)(3,1)(4,1)(4,1)$	$\psi(\Omega^2\cdot\psi(\Omega^2))$
(0,0)(1,1)(2,1)(2,1)(2,1)	$\psi(\Omega^3)$
(0,0)(1,1)(2,1)(3,0)	$\psi(\Omega^\omega)$
(0,0)(1,1)(2,1)(3,0)(1,1)	$\psi(\Omega^{\omega}+1)$
(0,0)(1,1)(2,1)(3,0)(1,1)(2,1)	$\psi(\Omega^{\omega} + \Omega)$

BMS	Madore's OCF
(0,0)(1,1)(2,1)(3,0)- $-(1,1)(2,1)(3,0)$	$\psi(\Omega^\omega \cdot 2)$
(0,0)(1,1)(2,1)(3,0)(2,0)	$\psi(\Omega^\omega \cdot \omega)$
(0,0)(1,1)(2,1)(3,0)(2,0)(3,1)	$\psi(\Omega^\omega\cdot\psi(1))$
(0,0)(1,1)(2,1)(3,0)- $-(2,0)(3,1)(4,1)(5,0)$	$\psi(\Omega^\omega \cdot \psi(\Omega^\omega))$
(0,0)(1,1)(2,1)(3,0)(2,1)	$\psi(\Omega^{\omega+1})$
(0,0)(1,1)(2,1)(3,0)(2,1)(3,0)	$\psi(\Omega^{\omega \cdot 2})$
(0,0)(1,1)(2,1)(3,0)(3,0)	$\psi(\Omega^{\omega^2})$
(0,0)(1,1)(2,1)(3,0)(4,1)	$\psi(\Omega^{\psi(0)})$
(0,0)(1,1)(2,1)(3,0)- $-(4,1)(5,1)(6,0)$	$\psi(\Omega^{\psi(\Omega^\omega)})$
(0,0)(1,1)(2,1)(3,1)	$\psi(\Omega^\Omega)$
(0,0)(1,1)(2,1)(3,1)(1,1)	$\psi(\Omega^{\Omega}+1)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)	$\psi(\Omega^\Omega+\Omega)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(3,0)$	$\psi(\Omega^\Omega+\Omega^\omega)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(3,0)(4,1)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(1)})$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(3,0)(4,1)(5,1)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega)})$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(3,0)(4,1)(5,1)(6,1)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)- $-(3,0)(4,1)(5,1)(6,1)(2,0)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot \omega)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)- $-(3,0)(4,1)(5,1)(6,1)(2,1)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})+1})$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)- $-(3,0)(4,1)(5,1)(6,1)(2,1)(3,0)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) + \omega})$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)- $-(3,0)(4,1)(5,1)(6,1)(2,1)-$ $-(3,0)(4,1)(5,1)(6,1)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) \cdot 2})$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)- $-(3,0)(4,1)(5,1)(6,1)(3,0)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) \cdot \omega})$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0)(4,1)(5,1)(6,1)(4,0)	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})^{\omega}})$

BMS	Madore's OCF
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)-	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + 1)})$
-(3,0)(4,1)(5,1)(6,1)(4,1)	
(0,0)(1,1)(2,1)(3,1)(1,1)-	0 (00,0)
-(2,1)(3,0)(4,1)(5,1)-	$\psi(\Omega^\Omega + \Omega^{\psi(\Omega^\Omega + \Omega \cdot \omega)})$
-(6,1)(4,1)(5,1)(6,0)	
(0,0)(1,1)(2,1)(3,1)-	$\psi(\Omega^\Omega\cdot 2)$
-(1,1)(2,1)(3,1)	, ,
(0,0)(1,1)(2,1)(3,1)(1,1)-	$\psi(\Omega^\Omega\cdot 3)$
-(2,1)(3,1)(1,1)(2,1)(3,1)	, , ,
(0,0)(1,1)(2,1)(3,1)(2,0)	$\psi(\Omega^\Omega\cdot\omega)$
(0,0)(1,1)(2,1)(3,1)-	$\psi(\Omega^\Omega\cdot\psi(\Omega^\Omega))$
-(2,0)(3,1)(4,1)(5,1)	$\varphi(zz \cdot \varphi(zz))$
(0,0)(1,1)(2,1)(3,1)(2,1)	$\psi(\Omega^{\Omega+1})$
(0,0)(1,1)(2,1)(3,1)(2,1)(3,0)	$\psi(\Omega^{\Omega+\omega})$
(0,0)(1,1)(2,1)(3,1)-	$\psi(\Omega^{\Omega+\psi(\Omega^\Omega)})$
-(2,1)(3,0)(4,1)(5,1)(6,1)	$\psi(\Omega^{r+r}, \cdots)$
(0,0)(1,1)(2,1)(3,1)(2,1)(3,1)	$\psi(\Omega^{\Omega\cdot 2})$
(0,0)(1,1)(2,1)(3,1)(2,1)-	$\psi(\Omega^{\Omega \cdot 2} \cdot 2)$
-(3,1)(1,1)(2,1)(3,1)(2,1)(3,1)	$\psi(\mathfrak{s}\iota \cdot \mathfrak{z})$
(0,0)(1,1)(2,1)(3,1)-	$\psi(\Omega^{\Omega\cdot 2+1})$
-(2,1)(3,1)(2,1)	$\psi(z)$
(0,0)(1,1)(2,1)(3,1)-	$\psi(\Omega^{\Omega\cdot 3})$
-(2,1)(3,1)(2,1)(3,1)	φ(Δυ)
(0,0)(1,1)(2,1)(3,1)(3,0)	$\psi(\Omega^{\Omega\cdot\omega})$
(0,0)(1,1)(2,1)(3,1)-	$\psi(\Omega^{\Omega\cdot\psi(\Omega^\Omega)})$
-(3,0)(4,1)(5,1)(6,1)	$\psi(\mathfrak{z}_{\mathcal{L}}, \mathcal{L}_{\mathcal{L}})$
(0,0)(1,1)(2,1)(3,1)(3,1)	$\psi(\Omega^{\Omega^2})$
(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)	$\psi(\Omega^{\Omega^2+1})$
(0,0)(1,1)(2,1)(3,1)-	$(\Omega^2 + \Omega)$
-(3,1)(2,1)(3,1)	$\psi(\Omega^{\Omega^2+\Omega})$
(0,0)(1,1)(2,1)(3,1)-	/(QQ ² ·2)
-(3,1)(2,1)(3,1)(3,1)	$\psi(\Omega^{\Omega^2\cdot 2})$
(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)	$\psi(\Omega^{\Omega^3})$
(0,0)(1,1)(2,1)(3,1)-	$\psi(\Omega^{\Omega^4})$
-(3,1)(3,1)(3,1)	Ψ (32)
(0,0)(1,1)(2,1)(3,1)(4,0)	$\psi(\Omega^{\Omega^\omega})$

BMS	Madore's OCF
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(1,1)(2,1)(3,1)(4,0)$	$\psi(\Omega^{\Omega^\omega}\cdot 2)$
(0,0)(1,1)(2,1)(3,1)(4,0)(2,1)	$\psi(\Omega^{\Omega^\omega+1})$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(2,1)(3,1)$	$\psi(\Omega^{\Omega^{\omega}+\Omega})$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(2,1)(3,1)(4,0)$	$\psi(\Omega^{\Omega^\omega \cdot 2})$
(0,0)(1,1)(2,1)(3,1)(4,0)(3,0)	$\psi(\Omega^{\Omega^\omega \cdot \omega})$
(0,0)(1,1)(2,1)(3,1)(4,0)(3,1)	$\psi(\Omega^{\Omega^{\omega+1}})$
(0,0)(1,1)(2,1)(3,1)(4,0)(4,0)	$\psi(\Omega^{\Omega^{\omega^2}})$
(0,0)(1,1)(2,1)(3,1)(4,0)(5,1)	$\psi(\Omega^{\Omega^{\psi(1)}})$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(5,1)(6,1)(7,1)$	$\psi(\Omega^{\Omega^{\psi(\Omega^{\Omega})}})$
(0,0)(1,1)(2,1)(3,1)(4,1)	$\psi(\Omega^{\Omega^\Omega})$
(0,0)(1,1)(2,1)(3,1)(4,1)(1,1)	$\psi(\Omega^{\Omega^\Omega}+1)$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(1,1)(1,1)$	$\psi(\Omega^{\Omega^{\Omega}}+2)$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(1,1)(2,0)$	$\psi(\Omega^{\Omega^{\Omega}} + \omega)$
(0,0)(1,1)(2,1)(3,1) - $(4,1)(1,1)(2,0)(3,1)$	$\psi(\Omega^{\Omega^{\Omega}} + \psi(0))$
(0,0)(1,1)(2,1)(3,1)(4,1)- $-(1,1)(2,0)(3,1)(4,1)(5,1)(6,1)$	$\psi(\Omega^{\Omega^{\Omega}} + \psi(\Omega^{\Omega^{\Omega}}))$
(0,0)(1,1)(2,1)(3,1)(4,1)(1,1)(2,1)	$\psi(\Omega^{\Omega^\Omega}+\Omega)$
(0,0)(1,1)(2,1)(3,1)(4,1) - $(1,1)(2,1)(3,1)(4,1)$	$\psi(\Omega^{\Omega^\Omega}\cdot 2)$
(0,0)(1,1)(2,1)(3,1)(4,1)(2,0)	$\psi(\Omega^{\Omega^\Omega}\cdot\omega)$
(0,0)(1,1)(2,1)(3,1)(4,1)(2,1)	$\psi(\Omega^{\Omega^\Omega+1})$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(2,1)(3,1)$	$\psi(\Omega^{\Omega^{\Omega}+\Omega})$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(2,1)(3,1)(4,1)$	$\psi(\Omega^{\Omega^\Omega \cdot 2})$
(0,0)(1,1)(2,1)(3,1)(4,1)(3,0)	$\psi(\Omega^{\Omega^\Omega\cdot\omega})$
(0,0)(1,1)(2,1)(3,1)(4,1)(3,1)	$\psi(\Omega^{\Omega^{\Omega+1}})$

BMS	Madore's OCF
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(3,1)(4,1)$	$\psi(\Omega^{\Omega^{\Omega \cdot 2}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(4,0)	$\psi(\Omega^{\Omega^{\Omega \cdot \omega}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(4,1)	$\psi(\Omega^{\Omega^{\Omega^2}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(5,0)	$\psi(\Omega^{\Omega^{\Omega^{\omega}}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)	$\psi(\Omega^{\Omega^{\Omega^{\Omega}}})$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(5,1)(6,1)$	$\psi(\Omega^{\Omega^{\Omega^{\Omega^{\Omega}}}})$
(0,0)(1,1)(2,2)	$\psi(\psi_1(0))$
(0,0)(1,1)(2,2)(1,1)	$\psi(\psi_1(0)+1)$
(0,0)(1,1)(2,2)(1,1)(2,2)	$\psi(\psi_1(0)\cdot 2)$
(0,0)(1,1)(2,2)(2,0)	$\psi(\psi_1(0)\cdot\omega)$
(0,0)(1,1)(2,2)(2,1)	$\psi(\psi_1(0)\cdot\Omega)$
(0,0)(1,1)(2,2)(2,1)(3,1)	$\psi(\psi_1(0)\cdot\Omega^\Omega)$
(0,0)(1,1)(2,2)(2,1)(3,2)	$\psi(\psi_1(0)^2)$
(0,0)(1,1)(2,2)(2,1)(3,2)(3,1)	$\psi(\psi_1(0)^\Omega)$
(0,0)(1,1)(2,2)(2,1)(3,2)(3,1)(4,2)	$\psi(\psi_1(0)^{\psi_1(0)})$
(0,0)(1,1)(2,2)(2,2)	$\psi(\psi_1(1))$
(0,0)(1,1)(2,2)(3,0)	$\psi(\psi_1(\omega))$
(0,0)(1,1)(2,2)(3,0)(4,1)	$\psi(\psi_1(\psi(0)))$
(0,0)(1,1)(2,2)(3,0)(4,1)(5,2)	$\psi(\psi_1(\psi(\psi_1(0))))$
(0,0)(1,1)(2,2)(3,1)	$\psi(\psi_1(\Omega))$
(0,0)(1,1)(2,2)(3,1)(4,2)	$\psi(\psi_1(\psi_1(0)))$
(0,0)(1,1)(2,2)(3,2)	$\psi(\Omega_2)$
(0,0)(1,1)(2,2)(3,2)(1,1)(2,2)	$\psi(\Omega_2 + \psi_1(0))$
(0,0)(1,1)(2,2)(3,2) - (1,1)(2,2)(3,2)	$\psi(\Omega_2 + \psi_1(\Omega_2))$
(0,0)(1,1)(2,2)(3,2)(1,1)(2,2)(3,2)(1,1)(2,2)(3,2)	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot 2)$

BMS	Madore's OCF
(0,0)(1,1)(2,2)(3,2)(2,0)	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \omega)$
(0,0)(1,1)(2,2)(3,2)(2,1)	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \Omega)$
(0,0)(1,1)(2,2)(3,2)(2,1)(3,1)	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \Omega^{\Omega})$
(0,0)(1,1)(2,2)(3,2)(2,1)(3,2)	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi_1(0))$
(0,0)(1,1)(2,2)(3,2)- $-(2,1)(3,2)(3,2)$	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi_1(1))$
(0,0)(1,1)(2,2)(3,2)- $-(2,1)(3,2)(4,1)$	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi_1(\Omega))$
(0,0)(1,1)(2,2)(3,2)- $-(2,1)(3,2)(4,2)$	$\psi(\Omega_2 + \psi_1(\Omega_2)^2)$
(0,0)(1,1)(2,2)(3,2)(2,1)- $-(3,2)(4,2)(2,1)(3,2)(4,2)$	$\psi(\Omega_2 + \psi_1(\Omega_2)^3)$
(0,0)(1,1)(2,2)(3,2)- $-(2,1)(3,2)(4,2)(3,0)$	$\psi(\Omega_2 + \psi_1(\Omega_2)^{\omega})$
(0,0)(1,1)(2,2)(3,2)- $-(2,1)(3,2)(4,2)(3,1)$	$\psi(\Omega_2 + \psi_1(\Omega_2)^{\Omega})$
(0,0)(1,1)(2,2)(3,2)- $-(2,1)(3,2)(4,2)(3,1)(4,2)$	$\psi(\Omega_2 + \psi_1(\Omega_2)^{\psi_1(0)})$
(0,0)(1,1)(2,2)(3,2)(2,1)- $-(3,2)(4,2)(3,1)(4,2)(5,2)$	$\psi(\Omega_2 + \psi_1(\Omega_2)^{\psi_1(\Omega_2)})$
(0,0)(1,1)(2,2)(3,2)(2,2)	$\psi(\Omega_2 + \psi_1(\Omega_2 + 1))$
(0,0)(1,1)(2,2)(3,2)(2,2)(3,0)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \omega))$
(0,0)(1,1)(2,2)(3,2)(2,2)(3,1)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \Omega))$
(0,0)(1,1)(2,2)(3,2)- $-(2,2)(3,1)(4,2)$	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(0)))$
(0,0)(1,1)(2,2)(3,2)- $-(2,2)(3,1)(4,2)(5,2)$	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2)))$
(0,0)(1,1)(2,2)(3,2)(2,2)(3,2)	$\psi(\Omega_2 \cdot 2)$
(0,0)(1,1)(2,2)(3,2)(3,0)	$\psi(\Omega_2\cdot\omega)$
(0,0)(1,1)(2,2)(3,2)(3,1)	$\psi(\Omega_2\cdot\Omega)$
(0,0)(1,1)(2,2)(3,2)(3,2)	$\psi({\Omega_2}^2)$
(0,0)(1,1)(2,2)(3,2)(3,2)(3,2)	$\psi(\Omega_2{}^3)$
(0,0)(1,1)(2,2)(3,2)(4,0)	$\psi(\Omega_2{}^\omega)$

BMS	Madore's OCF
(0,0)(1,1)(2,2)(3,2)(4,1)	$\psi(\Omega_2{}^\Omega)$
(0,0)(1,1)(2,2)(3,2)(4,2)	$\psi(\Omega_2{}^{\Omega_2})$
(0,0)(1,1)(2,2)(3,2)(4,2)(5,2)	$\psi(\Omega_2^{\Omega_2\Omega_2})$
(0,0)(1,1)(2,2)(3,3)	$\psi(\psi_2(0))$
(0,0)(1,1)(2,2)(3,3)(4,3)	$\psi(\Omega_3)$
(0,0)(1,1)(2,2)(3,3)- $-(4,3)(3,3)(4,3)$	$\psi(\Omega_3\cdot 2)$
(0,0)(1,1)(2,2)(3,3)(4,3)(4,3)	$\psi({\Omega_3}^2)$
(0,0)(1,1)(2,2)(3,3)(4,3)(5,3)	$\psi(\Omega_3{}^{\Omega_3})$
(0,0)(1,1)(2,2)(3,3)(4,4)	$\psi(\psi_3(0))$
(0,0)(1,1)(2,2)(3,3)(4,4)(5,4)	$\psi(\Omega_4)$
(0,0)(1,1)(2,2)(3,3)(4,4)(5,5)	$\psi(\psi_4(0))$
(0,0,0)(1,1,1)	$\psi(\Omega_\omega)$
(0,0,0)(1,1,1)(1,0,0)	$\psi(\Omega_\omega)\cdot\omega$
(0,0,0)(1,1,1)(1,0,0)(2,0,0)	$\psi(\Omega_\omega)\cdot\omega^\omega$
(0,0,0)(1,1,1)(1,0,0)(2,1,0)	$\psi(\Omega_{\omega})\cdot\psi(0)$
(0,0,0)(1,1,1)(1,0,0)(2,1,0)(3,1,0)	$\psi(\Omega_\omega)\cdot\psi(\Omega)$
(0,0,0)(1,1,1)(1,0,0)(2,1,0)(3,2,0)	$\psi(\Omega_{\omega})\cdot\psi(\psi_1(0))$
(0,0,0)(1,1,1)(1,0,0)- $-(2,1,0)(3,2,0)(4,3,0)$	$\psi(\Omega_{\omega})\cdot\psi(\psi_2(0))$
(0,0,0)(1,1,1)(1,0,0)(2,1,1)	$\psi(\Omega_\omega)^2$
(0,0,0)(1,1,1)(1,0,0)- $-(2,1,1)(1,0,0)(2,1,1)$	$\psi(\Omega_\omega)^3$
(0,0,0)(1,1,1)(1,0,0)(2,1,1)(2,0,0)	$\psi(\Omega_\omega)^\omega$
(0,0,0)(1,1,1)(1,0,0)- $-(2,1,1)(2,0,0)(3,1,1)$	$\psi(\Omega_\omega)^{\psi(\Omega_\omega)}$
(0,0,0)(1,1,1)(1,0,0)(2,1,1)- $-(2,0,0)(3,1,1)(3,0,0)(4,1,1)$	$\psi(\Omega_\omega)^{\psi(\Omega_\omega)^{\psi(\Omega_\omega)}}$
(0,0,0)(1,1,1)(1,1,0)	$\psi(\Omega_{\omega}+1)$
(0,0,0)(1,1,1)(1,1,0)(1,1,0)	$\psi(\Omega_{\omega}+2)$

BMS	Madore's OCF
(0,0,0)(1,1,1)(1,1,0)(2,0,0)	$\psi(\Omega_{\omega}+\omega)$
(0,0,0)(1,1,1)(1,1,0)(2,0,0)(3,0,0)	$\psi(\Omega_\omega + \omega^\omega)$
(0,0,0)(1,1,1)(1,1,0)(2,0,0)(3,1,0)	$\psi(\Omega_{\omega} + \psi(0))$
(0,0,0)(1,1,1)(1,1,0)- - $(2,0,0)(3,1,0)(3,1,0)$	$\psi(\Omega_\omega + \psi(1))$
(0,0,0)(1,1,1)(1,1,0)- - $(2,0,0)(3,1,0)(4,1,0)$	$\psi(\Omega_\omega + \psi(\Omega))$
(0,0,0)(1,1,1)(1,1,0)- $-(2,0,0)(3,1,0)(4,2,0)$	$\psi(\Omega_{\omega} + \psi(\psi_1(0)))$
(0,0,0)(1,1,1)(1,1,0)(2,0,0)(3,1,1)	$\psi(\Omega_{\omega} + \psi(\Omega_{\omega}))$
(0,0,0)(1,1,1)(1,1,0)- $-(2,0,0)(3,1,1)(3,1,0)$	$\psi(\Omega_{\omega} + \psi(\Omega_{\omega} + 1))$
(0,0,0)(1,1,1)(1,1,0)(2,0,0)- - $(3,1,1)(3,1,0)(4,0,0)(5,1,1)$	$\psi(\Omega_{\omega} + \psi(\Omega_{\omega} + \psi(\Omega_{\omega})))$
(0,0,0)(1,1,1)(1,1,0)(2,1,0)	$\psi(\Omega_{\omega}+\Omega)$
(0,0,0)(1,1,1)(1,1,0)(2,1,0)(2,0,0)	$\psi(\Omega_\omega + \Omega \cdot \omega)$
(0,0,0)(1,1,1)(1,1,0)(2,1,0)(2,1,0)	$\psi(\Omega_\omega + \Omega^2)$
(0,0,0)(1,1,1)(1,1,0)(2,1,0)(3,0,0)	$\psi(\Omega_\omega + \Omega^\omega)$
(0,0,0)(1,1,1)(1,1,0)- $-(2,1,0)(3,0,0)(4,1,1)$	$\psi(\Omega_\omega + \Omega^{\psi(\Omega_\omega)})$
(0,0,0)(1,1,1)(1,1,0)(2,1,0)(3,1,0)	$\psi(\Omega_\omega + \Omega^\Omega)$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)	$\psi(\Omega_{\omega} + \psi_1(0))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(2,0,0)	$\psi(\Omega_{\omega} + \psi_1(0) \cdot \omega)$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(2,1,0)	$\psi(\Omega_\omega + \psi_1(0) \cdot \Omega)$
(0,0,0)(1,1,1)(1,1,0)- $-(2,2,0)(2,1,0)(3,2,0)$	$\psi(\Omega_{\omega} + \psi_1(0)^2)$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)- $-(2,1,0)(3,2,0)(3,0,0)$	$\psi(\Omega_{\omega} + \psi_1(0)^{\omega})$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)- $-(2,1,0)(3,2,0)(3,1,0)$	$\psi(\Omega_\omega + \psi_1(0)^\Omega)$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)- - $(2,1,0)(3,2,0)(3,1,0)(3,1,0)$	$\psi(\Omega_{\omega} + \psi_1(0)^{\Omega^2})$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)- $-(2,1,0)(3,2,0)(3,1,0)(4,1,0)$	$\psi(\Omega_{\omega} + \psi_1(0)^{\Omega^{\Omega}})$

BMS	Madore's OCF
(0,0,0)(1,1,1)(1,1,0)(2,2,0)-	$\psi(\Omega_{\omega} + \psi_1(0)^{\psi_1(0)})$
-(2,1,0)(3,2,0)(3,1,0)(4,2,0)	$\varphi(32\omega+\varphi_1(0))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(2,2,0)	$\psi(\Omega_{\omega} + \psi_1(1))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,0,0)	$\psi(\Omega_{\omega} + \psi_1(\omega))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,1,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega))$
(0,0,0)(1,1,1)(1,1,0)-	$\psi(\Omega_\omega + \psi_1(\Omega \cdot \omega))$
$\frac{-(2,2,0)(3,1,0)(3,0,0)}{(0,0,0)(1,1,1)(1,1,0)}$	
-(2,2,0)(3,1,0)(3,1,0)	$\psi(\Omega_\omega + \psi_1(\Omega^2))$
(0,0,0)(1,1,1)(1,1,0)	
-(2,2,0)(3,1,0)(4,0,0)	$\psi(\Omega_\omega + \psi_1(\Omega^\omega))$
(0,0,0)(1,1,1)(1,1,0)-	1(0 1 1 (08))
-(2,2,0)(3,1,0)(4,1,0)	$\psi(\Omega_\omega + \psi_1(\Omega^\Omega))$
(0,0,0)(1,1,1)(1,1,0)-	$\psi(\Omega_\omega + \psi_1(\psi_1(0)))$
-(2,2,0)(3,1,0)(4,2,0)	$\psi(32\omega + \psi_1(\psi_1(0)))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)-	$\psi(\Omega_\omega + \psi_1(\psi_1(0)+1))$
-(3,1,0)(4,2,0)(2,2,0)	φ(ω φ1(φ1(σ) -1))
(0,0,0)(1,1,1)(1,1,0)(2,2,0)-	$\psi(\Omega_{\omega} + \psi_1(\psi_1(1)))$
-(3,1,0)(4,2,0)(4,2,0)	, (& . / 1(/ 1(///)
(0,0,0)(1,1,1)(1,1,0)(2,2,0)-	$\psi(\Omega_{\omega} + \psi_1(\psi_1(\omega)))$
-(3,1,0)(4,2,0)(5,0,0)	
(0,0,0)(1,1,1)(1,1,0)(2,2,0)	$\psi(\Omega_\omega + \psi_1(\psi_1(\Omega)))$
-(3,1,0)(4,2,0)(5,1,0)	
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,2,0)	$\psi(\Omega_\omega + \psi_1(\Omega_2))$
(0,0,0)(1,1,1)(1,1,0)-	$\psi(\Omega_\omega + \psi_1(\Omega_2) \cdot \omega)$
-(2,2,0)(3,2,0)(2,0,0)	$\varphi(\mathfrak{s} \iota_{\omega} + \varphi_1(\mathfrak{s} \iota_2) \cdot \omega)$
(0,0,0)(1,1,1)(1,1,0)-	$\psi(\Omega_\omega + \psi_1(\Omega_2) \cdot \Omega)$
-(2,2,0)(3,2,0)(2,1,0)	τ (ω + τ1(2))
(0,0,0)(1,1,1)(1,1,0)(2,2,0)-	$\psi(\Omega_{\omega}+\psi_1(\Omega_2)\cdot\psi_1(0))$
-(3,2,0)(2,1,0)(3,2,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(1,1,0)(2,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2)^2)$
-(3,2,0)(2,1,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(1,1,0)(2,2,0)	1(0) 1 (0) 1h (0 o))
-(3,2,0)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega} + \psi_1(\Omega_2)^{\psi_1(\Omega_2)})$
-(4,2,0)(3,1,0)(4,2,0)(5,2,0)	
(0,0,0)(1,1,1)(1,1,0)-	$\psi(\Omega_\omega + \psi_1(\Omega_2 + 1))$
-(2,2,0)(3,2,0)(2,2,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(1,1,0)(2,2,0)- $-(3,2,0)(2,2,0)(3,1,0)$	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 + \Omega))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)- -(3,2,0)(2,2,0)(3,1,0)(4,0,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 + \Omega^{\omega}))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0) - (3,2,0)(2,2,0)(3,1,0)(4,1,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 + \Omega^{\Omega}))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0) - (3,2,0)(2,2,0)(3,1,0)(4,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 + \psi_1(0)))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,2,0) - (2,2,0)(3,1,0)(4,2,0)(5,1,0)(6,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 + \psi_1(\psi_1(0))))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,2,0) - (2,2,0)(3,1,0)(4,2,0)(5,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 + \psi_1(\Omega_2)))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0) - (3,2,0)(2,2,0)(3,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 \cdot 2))$
(0,0,0)(1,1,1)(1,1,0) - (2,2,0)(3,2,0)(3,0,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 \cdot \omega))$
(0,0,0)(1,1,1)(1,1,0)- $-(2,2,0)(3,2,0)(3,1,0)$	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 \cdot \Omega))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0) - (3,2,0)(3,1,0)(4,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2 \cdot \psi_1(0)))$
(0,0,0)(1,1,1)(1,1,0) - (2,2,0)(3,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2^2))$
(0,0,0)(1,1,1)(1,1,0) - (2,2,0)(3,2,0)(4,1,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2^{\Omega}))$
(0,0,0)(1,1,1)(1,1,0) - (2,2,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2^{\Omega_2}))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,3,0)	$\psi(\Omega_\omega + \psi_1(\psi_2(0)))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,3,0)(3,3,0)	$\psi(\Omega_\omega + \psi_1(\psi_2(1)))$
(0,0,0)(1,1,1)(1,1,0)- $-(2,2,0)(3,3,0)(4,0,0)$	$\psi(\Omega_\omega + \psi_1(\psi_2(\omega)))$
(0,0,0)(1,1,1)(1,1,0)- $-(2,2,0)(3,3,0)(4,1,0)$	$\psi(\Omega_{\omega} + \psi_1(\psi_2(\Omega)))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)- $-(3,3,0)(4,1,0)(5,2,0)$	$\psi(\Omega_{\omega} + \psi_1(\psi_2(\psi_1(0))))$
(0,0,0)(1,1,1)(1,1,0) - (2,2,0)(3,3,0)(4,2,0)	$\psi(\Omega_{\omega} + \psi_1(\psi_2(\Omega_2)))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)- $-(3,3,0)(4,2,0)(5,3,0)$	$\psi(\Omega_{\omega} + \psi_1(\psi_2(\psi_2(0))))$

BMS	Madore's OCF
(0,0,0)(1,1,1)(1,1,0)-	$\psi(\Omega_\omega + \psi_1(\Omega_3))$
-(2,2,0)(3,3,0)(4,3,0)	$\psi(\mathfrak{U}_{\omega}+\psi_1(\mathfrak{U}_3))$
(0,0,0)(1,1,1)(1,1,0)-	$\psi(\Omega_{\omega}+\psi_1(\psi_3(0)))$
-(2,2,0)(3,3,0)(4,4,0)	$\varphi(3i\omega+\varphi_1(\varphi_3(0)))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)	$\psi(\Omega_\omega + \psi_1(\Omega_\omega))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega} + 1))$
(0,0,0)(1,1,1)(1,1,0)-	$\psi(\Omega_\omega + \psi_1(\Omega_\omega + \Omega))$
-(2,2,1)(2,2,0)(3,1,0)	$\psi(\mathfrak{s}\iota_{\omega}+\psi_{1}(\mathfrak{s}\iota_{\omega}+\mathfrak{s}\iota))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega + \psi_1(\Omega_\omega + \psi_1(0)))$
-(2,2,0)(3,1,0)(4,2,0)	$\varphi(32\omega + \varphi_1(32\omega + \varphi_1(0)))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega + \psi_1(\Omega_\omega + \psi_1(\Omega_\omega)))$
-(2,2,0)(3,1,0)(4,2,1)	γ (ω γ1(ω)))
(0,0,0)(1,1,1)(1,1,0)-	$\psi(\Omega_\omega+\Omega_2)$
-(2,2,1)(2,2,0)(3,2,0)	/ (& · 2/
(0,0,0)(1,1,1)(1,1,0)	$\psi(\Omega_\omega + \psi_2(0))$
-(2,2,1)(2,2,0)(3,3,0)	
(0,0,0)(1,1,1)(1,1,0)(2,2,1)	$\psi(\Omega_{\omega}+\psi_2(1))$
-(2,2,0)(3,3,0)(3,3,0)	
(0,0,0)(1,1,1)(1,1,0)- $-(2,2,1)(2,2,0)(3,3,1)$	$\psi(\Omega_\omega + \psi_2(\Omega_\omega))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)-	
-(2,2,0)(3,3,1)(3,3,0)	$\psi(\Omega_{\omega} + \psi_2(\Omega_{\omega} + 1))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,2,0)-	
-(3,3,1)(3,3,0)(4,2,0)(5,3,0)	$\psi(\Omega_{\omega} + \psi_2(\Omega_{\omega} + \psi_2(0)))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,2,0)-	1/0 / (0 / (0 .)))
-(3,3,1)(3,3,0)(4,2,0)(5,3,1)	$\psi(\Omega_{\omega} + \psi_2(\Omega_{\omega} + \psi_2(\Omega_{\omega})))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}+\Omega_{3})$
-(2,2,0)(3,3,1)(3,3,0)(4,3,0)	$\psi(\mathfrak{U}_{\omega}+\mathfrak{U}_{3})$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}+\psi_{3}(0))$
-(2,2,0)(3,3,1)(3,3,0)(4,4,0)	$\varphi(32\omega+\varphi3(0))$
(0,0,0)(1,1,1)(1,1,1)	$\psi(\Omega_\omega \cdot 2)$
(0,0,0)(1,1,1)(1,1,1)(1,1,1)	$\psi(\Omega_\omega\cdot 3)$
(0,0,0)(1,1,1)(2,0,0)	$\psi(\Omega_\omega\cdot\omega)$
(0,0,0)(1,1,1)(2,0,0)(1,1,1)	$\psi(\Omega_\omega \cdot \omega + \Omega_\omega)$
(0,0,0)(1,1,1)(2,0,0)(2,0,0)	$\psi(\Omega_\omega\cdot\omega^2)$
(0,0,0)(1,1,1)(2,0,0)(3,1,0)	$\psi(\Omega_{\omega}\cdot\psi(0))$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,0,0)(3,1,1)	$\psi(\Omega_\omega \cdot \psi(\Omega_\omega))$
(0,0,0)(1,1,1)(2,0,0)(3,1,1)(3,1,1)	$\psi(\Omega_\omega\cdot\psi(\Omega_\omega\cdot 2))$
(0,0,0)(1,1,1)(2,0,0) - (3,1,1)(4,0,0)(5,1,1)	$\psi(\Omega_\omega \cdot \psi(\Omega_\omega \cdot \psi(\Omega_\omega)))$
(0,0,0)(1,1,1)(2,1,0)	$\psi(\Omega_\omega\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)	$\psi(\Omega_{\omega} \cdot \Omega + 1)$
(0,0,0)(1,1,1)(2,1,0)- $-(1,1,0)(2,0,0)(3,1,1)$	$\psi(\Omega_{\omega}\cdot\Omega+\psi(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,1,0)	$\psi(\Omega_\omega \cdot \Omega + \Omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,0)	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(0))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)	$\psi(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,0) - (1,1,0)(2,2,1)(3,1,0)	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot\Omega))$
(0,0,0)(1,1,1)(2,1,0)- $-(1,1,0)(2,2,1)(3,1,0)(2,2,0)$	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot\Omega+1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)- $-(3,1,0)(2,2,0)(3,1,0)(4,2,0)$	$\psi(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega} \cdot \Omega + \psi_1(0)))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,0)(3,2,0)$	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{2})$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1) - (3,1,0)(2,2,0)(3,2,0)(1,1,0)(2,2,1)	$\psi(\Omega_\omega\cdot\Omega+\Omega_2+\psi_1(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,0)(3,2,0)-$ $-(1,1,0)(2,2,1)(3,1,0)(2,2,0)$	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega+1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,0)(3,2,0)-$ $-(1,1,0)(2,2,1)(3,1,0)(2,2,0)(3,2,0)$	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,0)(3,2,0)(2,2,0)$	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_2 + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_2 + 1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,0)(3,2,0)-$ $-(2,2,0)(3,1,0)(4,2,1)$	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_2 + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_2 + \psi_1(\Omega_{\omega})))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)(3,1,0)(2,2,0)(3,2,0)(2,2,0)(3,2,0)	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2\cdot2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)- $-(3,1,0)(2,2,0)(3,2,0)(3,0,0)$	$\psi(\Omega_\omega\cdot\Omega+\Omega_2\cdot\omega)$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	//(O O + O 2)
-(3,1,0)(2,2,0)(3,2,0)(3,2,0)	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_2^2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\psi_{2}(0))$
-(2,2,1)(3,1,0)(2,2,0)(3,3,0)	$\psi(\Omega_{\omega} \cdot \Omega + \psi_2(0))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\psi_2(\Omega_{\omega}))$
-(2,2,1)(3,1,0)(2,2,0)(3,3,1)	$\psi(\mathfrak{1}\iota_{\omega}\cdot\mathfrak{1}\iota+\psi_{2}(\mathfrak{1}\iota_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\Omega+\psi_2(\Omega_\omega\cdot\Omega))$
-(2,2,1)(3,1,0)(2,2,0)(3,3,1)(4,1,0)	$\varphi(3\iota_{\omega} + 3\iota_{\omega} + 4\iota_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,0)(3,3,1)-	$\psi(\Omega_\omega\cdot\Omega+\Omega_3)$
-(4,1,0)(3,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega})$
-(2,2,1)(3,1,0)(2,2,1)	$\psi(\imath \iota_{\omega} \cdot \iota_{\varepsilon} \iota_{+} \iota_{\varepsilon} \iota_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_{1}(\Omega_{\omega}))$
-(3,1,0)(2,2,1)(1,1,0)(2,2,1)	$\varphi(\mathfrak{s} \mathfrak{s} \omega + \mathfrak{s} \mathfrak{s} + \mathfrak{s} \mathfrak{s} \omega + \varphi_1(\mathfrak{s} \mathfrak{s} \omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_1(\Omega_{\omega}\cdot\Omega))$
-(3,1,0)(2,2,1)(1,1,0)(2,2,1)(3,1,0)	$\varphi(u_{\omega} u_{\omega} + u_{\omega} + \varphi_{1}(u_{\omega} u_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	
-(3,1,0)(2,2,1)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega})))$
-(3,1,0)(2,2,0)(3,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(1,1,0)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_2))$
-(2,2,1)(3,1,0)(2,2,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(1,1,0)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega} \cdot \Omega + \psi_2(0)))$
-(2,2,1)(3,1,0)(2,2,0)(3,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(1,1,0)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega} \cdot \Omega + \psi_2(\Omega_{\omega})))$
-(2,2,1)(3,1,0)(2,2,0)(3,3,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(1,1,0)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_{\omega}))$
-(2,2,1)(3,1,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_{\omega})\cdot\omega)$
-(2,2,1)(3,1,0)(2,2,1)(2,0,0)	γ(ω ·ω · γ1(ω ·ω) ω)
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+1))$
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)	, (w ,w , ₇ 1(w ,w , 1))
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega})))$
-(3,1,0)(2,2,1)(2,2,0)(3,1,0)(4,2,1)	, (2 . 71(2 2 . 71(-40)))
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\Omega_{2})$
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)(3,2,0)	, ζω . ω2)

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)-	$\psi(\Omega_\omega \cdot \Omega + \Omega_\omega + \Omega_2 \cdot 2)$
-(3,2,0)(2,2,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \Omega_2^2)$
-(2,2,0)(3,2,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_2(0))$
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)(3,3,0)	$\psi(\mathfrak{s}\iota_{\omega} \cdot \mathfrak{s}\iota + \mathfrak{s}\iota_{\omega} + \psi_2(0))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_2(\Omega_{\omega}\cdot\Omega))$
-(3,1,0)(2,2,1)(2,2,0)(3,3,1)(4,1,0)	$\psi(\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota+\mathfrak{s}\iota_{\omega}+\psi_{2}(\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_2(\Omega_{\omega}\cdot\Omega+1))$
-(3,3,1)(4,1,0)(3,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	
-(3,1,0)(2,2,1)(2,2,0)(3,3,1)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_2(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega})))$
-(4,1,0)(3,3,0)(4,1,0)(5,2,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_2(\Omega_{\omega} \cdot \Omega + \Omega_2))$
-(3,3,1)(4,1,0)(3,3,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)(3,3,1)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_2(\Omega_{\omega} \cdot \Omega + \psi_2(0)))$
-(4,1,0)(3,3,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)(3,3,1)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_2(\Omega_{\omega} \cdot \Omega + \psi_2(\Omega_{\omega})))$
-(4,1,0)(3,3,0)(4,2,0)(5,3,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_2(\Omega_{\omega}\cdot\Omega+\Omega_3))$
-(3,3,1)(4,1,0)(3,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_2(\Omega_{\omega} \cdot \Omega + \psi_3(0)))$
-(3,3,1)(4,1,0)(3,3,0)(4,4,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_2(\Omega_{\omega} \cdot \Omega + \psi_3(\Omega_{\omega})))$
-(3,3,1)(4,1,0)(3,3,0)(4,4,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_2(\Omega_{\omega} \cdot \Omega + \Omega_{\omega}))$
-(3,3,1)(4,1,0)(3,3,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)-	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_2(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + 1))$
-(3,3,1)(4,1,0)(3,3,1)(3,3,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(2,2,0)(3,3,1)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\Omega_3)$
-(4,1,0)(3,3,1)(3,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}\cdot2)$
-(2,2,1)(3,1,0)(2,2,1)(2,2,1)	$\psi(\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota+\mathfrak{s}\iota_{\omega}\cdot z)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}\cdot3)$
-(2,2,1)(3,1,0)(2,2,1)(2,2,1)(2,2,1)	$\psi(\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota+\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s})$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}\cdot\omega)$
-(2,2,1)(3,1,0)(2,2,1)(3,0,0)	$\varphi(3\iota_{\omega}\cdot 3\iota + 3\iota_{\omega}\cdot \omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega\cdot2)$
-(2,2,1)(3,1,0)(2,2,1)(3,1,0)	$\psi(3\iota_{\omega},3\iota,2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega\cdot\Omega\cdot 2+\psi_1(\Omega_\omega))$
-(3,1,0)(2,2,1)(3,1,0)(1,1,0)(2,2,1)	$\varphi(\mathfrak{s}_{\omega} \mathfrak{s}_{\omega} \mathfrak{s}_{\omega} \mathfrak{s}_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(2,2,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega\cdot2+\psi_1(\Omega_{\omega}\cdot\Omega\cdot2))$
-(2,2,1)(3,1,0)(2,2,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}\cdot\Omega\cdot2+\psi_1(\Omega_{\omega}\cdot\Omega\cdot2+1))$
-(3,1,0)(2,2,1)(3,1,0)(2,2,0)	φ(15ω 11 2 φ1(15ω 11 2 1))
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega\cdot\Omega\cdot2+\Omega_2)$
-(3,1,0)(2,2,1)(3,1,0)(2,2,0)(3,2,0)	Ψ (33ω 23 2 1 332)
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\Omega\cdot2+\Omega_{\omega})$
-(2,2,1)(3,1,0)(2,2,1)(3,1,0)(2,2,1)	Ψ(ωω)
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\Omega\cdot\omega)$
-(2,2,1)(3,1,0)(3,0,0)	γ (ω)
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\Omega^2)$
-(2,2,1)(3,1,0)(3,1,0)	, (w)
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\Omega^\omega)$
-(2,2,1)(3,1,0)(4,0,0)	, (2)
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\Omega^\Omega)$
-(2,2,1)(3,1,0)(4,1,0)	, , , ,
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\psi_1(0))$
-(2,2,1)(3,1,0)(4,2,0)	, (2 , 1 ())
(0,0,0)(1,1,1)(2,1,0)(1,1,0)	$\psi(\Omega_\omega\cdot\psi_1(1))$
-(2,2,1)(3,1,0)(4,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)	$\psi(\Omega_\omega\cdot\psi_1(\Omega))$
-(2,2,1)(3,1,0)(4,2,0)(5,1,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\psi_1(\psi_1(0)))$
-(2,2,1)(3,1,0)(4,2,0)(5,1,0)(6,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)	$\psi(\Omega_\omega\cdot\psi_1(\Omega_2))$
-(2,2,1)(3,1,0)(4,2,0)(5,2,0)	1 (2 / 1 (2 /)

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(4,2,0)(5,3,0)	$\psi(\Omega_{\omega}\cdot\psi_1(\psi_2(0)))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	4(O 4 (O))
-(2,2,1)(3,1,0)(4,2,1)	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(4,2,1)(4,2,1)	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot 2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\Omega))$
-(2,2,1)(3,1,0)(4,2,1)(5,1,0)	$\psi(\mathfrak{L}_{\omega}\cdot\psi_{1}(\mathfrak{L}_{\omega}\cdot\mathfrak{L}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,1,0)(4,2,1)(5,1,0)-	$\psi(\Omega_{\omega} \cdot \psi_1(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega})))$
-(4,2,0)(5,1,0)(6,2,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}\cdot\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_2))$
-(3,1,0)(4,2,1)(5,1,0)(4,2,0)(5,2,0)	$\psi(\mathfrak{U}_{\omega}\cdot\psi_1(\mathfrak{U}_{\omega}\cdot\mathfrak{U}+\mathfrak{U}_2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}\cdot\psi_1(\Omega_{\omega}\cdot\Omega+\psi_2(\Omega_{\omega})))$
-(3,1,0)(4,2,1)(5,1,0)(4,2,0)(5,3,1)	$\psi(\Omega_{\omega} \cdot \psi_1(\Omega_{\omega} \cdot \Omega + \psi_2(\Omega_{\omega})))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_{\omega}\cdot\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}))$
-(2,2,1)(3,1,0)(4,2,1)(5,1,0)(4,2,1)	$\psi(\mathfrak{s}\iota_{\omega}\cdot\psi_1(\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota+\mathfrak{s}\iota_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\Omega\cdot2))$
-(2,2,1)(3,1,0)(4,2,1)(5,1,0)(4,2,1)(5,1,0)	$\psi(\mathfrak{s}\iota_{\omega}\cdot\psi_1(\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota\cdot\mathcal{L}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\psi_1(0)))$
-(3,1,0)(4,2,1)(5,1,0)(6,2,0)	$\psi(\mathfrak{L}_{\omega} \cdot \psi_1(\mathfrak{L}_{\omega} \cdot \psi_1(\mathfrak{O})))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\psi_1(\Omega_\omega)))$
-(3,1,0)(4,2,1)(5,1,0)(6,2,1)	$\psi(\mathfrak{d} \iota_{\omega} \cdot \psi_1(\mathfrak{d} \iota_{\omega} \cdot \psi_1(\mathfrak{d} \iota_{\omega})))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_\omega\cdot\Omega_2)$
-(1,1,0)(2,2,1)(3,2,0)	$\psi(\mathfrak{L}_{\omega} \cdot \mathfrak{L}_{2})$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\Omega_2+\psi_1(\Omega_\omega))$
-(2,2,1)(3,2,0)(1,1,0)(2,2,1)	$\psi(\mathfrak{s}\iota_{\omega} \cdot \mathfrak{s}\iota_{2} + \psi_{1}(\mathfrak{s}\iota_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	$\psi(\Omega_\omega\cdot\Omega_2+\psi_1(\Omega_\omega\cdot\Omega))$
-(2,2,1)(3,2,0)(1,1,0)(2,2,1)(3,1,0)	$\psi(\mathfrak{s}\iota_{\omega} \cdot \mathfrak{s}\iota_{2} + \psi_{1}(\mathfrak{s}\iota_{\omega} \cdot \mathfrak{s}\iota_{1}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega\cdot\Omega_2+\psi_1(\Omega_\omega\cdot\Omega+\Omega_\omega))$
-(3,2,0)(1,1,0)(2,2,1)(3,1,0)(2,2,1)	$\varphi(32\omega + 322 + \varphi_1(32\omega + 32 + 32\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,2,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega\cdot2))$
-(3,1,0)(2,2,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_1(\Omega_{\omega}\cdot\psi_1(0)))$
-(3,2,0)(1,1,0)(2,2,1)(3,1,0)(4,2,0)	φ (32 ω 322 + φ 1(32 ω + φ 1(0)))
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega\cdot\Omega_2+\psi_1(\Omega_\omega\cdot\psi_1(\Omega_\omega)))$
-(3,2,0)(1,1,0)(2,2,1)(3,1,0)(4,2,1)	$\varphi(u \circ \omega \circ u \circ 2 + \varphi 1(u \circ \omega \circ \varphi 1(u \circ \omega)))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega\cdot\Omega_2+\psi_1(\Omega_\omega\cdot\Omega_2))$
-(3,2,0)(1,1,0)(2,2,1)(3,2,0)	$\psi(z_1\omega_1,z_2z_1,\psi_1(z_2\omega_1,z_2z_2))$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,2,0)(2,0,0)$	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega_2)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega} \cdot \Omega_2 + \psi_1(\Omega_{\omega} \cdot \Omega_2)^2)$
$\frac{-(3,2,0)(2,1,0)(3,2,1)(4,2,0)}{(0,0,0)(1,1,1)(2,1,0)(1,1,0)}$	
-(2,2,1)(3,2,0)(2,2,0)	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega_2+1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-(3,2,0)(2,2,0)(3,1,0)(4,2,1)	$\psi(\Omega_{\omega} \cdot \Omega_2 + \psi_1(\Omega_{\omega} \cdot \Omega_2 + \psi_1(\Omega_{\omega})))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_{\omega} \cdot \Omega_2 + \psi_1(\Omega_{\omega} \cdot \Omega_2 + \psi_1(\Omega_{\omega} \cdot \Omega_2)))$
$ \begin{array}{c} -(3,2,0)(2,2,0)(3,1,0)(4,2,1)(5,2,0) \\ \hline (0,0,0)(1,1,1)(2,1,0)(1,1,0) - \end{array} $	
-(2,2,1)(3,2,0)(2,2,0)- $-(3,1,0)(4,2,1)(5,2,0)(4,2,0)$	$\psi(\Omega_{\omega} \cdot \Omega_2 + \psi_1(\Omega_{\omega} \cdot \Omega_2 + \psi_1(\Omega_{\omega} \cdot \Omega_2 + 1)))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(2,2,0)(3,2,0)	$\psi(\Omega_\omega\cdot\Omega_2+\Omega_2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(2,2,0)(3,3,0)	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_2(0))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,2,0)(2,2,0)(3,3,1)$	$\psi(\Omega_\omega \cdot \Omega_2 + \psi_2(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1) - (3,2,0)(2,2,0)(3,3,1)(4,2,0)	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_2(\Omega_{\omega}\cdot\Omega_2))$
(0,2,3)(2,2,3)(3,3,1)(4,2,3) $(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-$ $-(3,2,0)(2,2,0)(3,3,1)(4,2,0)(3,3,0)-$ $-(4,2,0)(5,3,1)(6,2,0)(5,3,0)$	$\psi(\Omega_{\omega} \cdot \Omega_2 + \psi_2(\Omega_{\omega} \cdot \Omega_2 + \psi_2(\Omega_{\omega} \cdot \Omega_2 + 1)))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(2,2,0)(3,3,1) - (4,2,0)(3,3,0)(4,3,0)	$\psi(\Omega_{\omega}\cdot\Omega_{2}+\Omega_{3})$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,2,0)(2,2,0)(3,3,1)-$ $-(4,2,0)(3,3,0)(4,4,1)$	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_3(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)- $-(3,2,0)(2,2,0)(3,3,1)(4,2,0)(3,3,0)-$ $-(4,4,1)(5,2,0)(4,4,0)(5,4,0)$	$\psi(\Omega_{\omega}\cdot\Omega_2+\Omega_4)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-(3,2,0)(2,2,0)(3,3,1)(4,2,0)(3,3,1)	$\psi(\Omega_{\omega}\cdot\Omega_2+\Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,2,0)(2,2,0)(3,3,1)-$ $-(4,2,0)(3,3,1)(3,3,1)$	$\psi(\Omega_\omega\cdot\Omega_2+\Omega_\omega\cdot2)$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_\omega\cdot\Omega_2+\Omega_\omega\cdot\omega)$
-(4,2,0)(3,3,1)(4,0,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_\omega\cdot\Omega_2+\Omega_\omega\cdot\Omega)$
-(4,2,0)(3,3,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_\omega\cdot\Omega_2\cdot2)$
-(4,2,0)(3,3,1)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	$\psi(\Omega_\omega\cdot\Omega_2\cdot\omega)$
-(3,2,0)(2,2,0)(3,3,1)(4,2,0)(4,0,0)	$\psi(\Omega_{\omega} \cdot \Omega_2 \cdot \omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	//(Q Q 2)
-(3,2,0)(2,2,0)(3,3,1)(4,2,0)(4,2,0)	$\psi(\Omega_{\omega}\cdot{\Omega_2}^2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	1/0 0 92
-(3,2,0)(2,2,0)(3,3,1)(4,2,0)(5,2,0)	$\psi(\Omega_{\omega}\cdot\Omega_2^{\ \Omega_2})$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	1(0 1 (0))
-(3,2,0)(2,2,0)(3,3,1)(4,2,0)(5,3,0)	$\psi(\Omega_\omega\cdot\psi_2(0))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_\omega\cdot\psi_2(1))$
-(4,2,0)(5,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	//0 / //0 //
-(3,2,0)(2,2,0)(3,3,1)(4,2,0)(5,3,1)	$\psi(\Omega_\omega\cdot\psi_2(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_\omega\cdot\psi_2(\Omega_\omega\cdot\Omega))$
-(4,2,0)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_\omega\cdot\psi_2(\Omega_\omega\cdot\Omega_2))$
-(4,2,0)(5,3,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-	//0 0)
-(3,2,0)(2,2,0)(3,3,1)(4,3,0)	$\psi(\Omega_\omega\cdot\Omega_3)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)-	
-(2,2,1)(3,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_\omega\cdot\Omega_4)$
-(4,3,0)(3,3,0)(4,4,1)(5,4,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)	$\psi(\Omega_{\omega}{}^2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)	$\psi(\Omega_{\omega}^{2}+1)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}{}^2+\Omega)$
-(1,1,1)(1,1,0)(2,1,0)	
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(0))$
-(1,1,1)(1,1,0)(2,2,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega}))$
-(1,1,1)(1,1,0)(2,2,1)	$\psi(\Omega_{\omega} + \psi_{1}(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega} \cdot \Omega))$
-(1,1,0)(2,2,1)(3,1,0)	$\psi(\mathfrak{s}\iota_{\omega}+\psi_{1}(\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega} \cdot \Omega + 1))$
-(1,1,0)(2,2,1)(3,1,0)(2,2,0)	$\psi(3i\omega + \psi_1(3i\omega + 3i + 1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_2))$
-(1,1,0)(2,2,1)(3,1,0)(2,2,0)(3,2,0)	$\varphi(32\omega + \varphi_1(32\omega + 32+322))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega + \psi_{2}(\Omega_{\omega})))$
-(1,1,0)(2,2,1)(3,1,0)(2,2,0)(3,3,1)	$\varphi(32\omega + \varphi_1(32\omega + 32 + \varphi_2(32\omega)))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega + \psi_{2}(\Omega_{\omega} \cdot \Omega)))$
-(2,2,1)(3,1,0)(2,2,0)(3,3,1)(4,1,0)	$\varphi(32\omega + \varphi_1(32\omega + 32 + \varphi_2(32\omega + 32)))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	
-(1,1,0)(2,2,1)(3,1,0)(2,2,0)-	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_3))$
-(3,3,1)(4,1,0)(3,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega + \Omega_{\omega}))$
-(1,1,0)(2,2,1)(3,1,0)(2,2,1)	Ψ(1-2ω 1 Ψ1(1-2ω 11 1 1-2-2ω))
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega} \cdot \Omega \cdot 2))$
-(1,1,0)(2,2,1)(3,1,0)(2,2,1)(3,1,0)	γ(ω ' γ1(ω))
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega} \cdot \Omega^2))$
-(1,1,0)(2,2,1)(3,1,0)(3,1,0)	, (\omega \)
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \psi_{1}(\Omega_{\omega})))$
-(1,1,0)(2,2,1)(3,1,0)(4,2,1)	, (
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \psi_{1}(\Omega_{\omega} \cdot \psi_{1}(\Omega_{\omega}))))$
-(2,2,1)(3,1,0)(4,2,1)(5,1,0)(6,2,1)	7 (3 - 71 (3 - 71 (3 - 71 (3 - 77)
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega_{2}))$
-(1,1,0)(2,2,1)(3,2,0)	, (, - (//
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega_{2} + \Omega_{2}))$
-(2,2,1)(3,2,0)(2,2,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega_{2} + \psi_{2}(\Omega_{\omega} \cdot \Omega_{2})))$
-(2,2,1)(3,2,0)(2,2,0)(3,3,1)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)	//0.2 / (0 0 / 0)
-(1,1,0)(2,2,1)(3,2,0)(2,2,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega_{2} + \Omega_{3}))$
-(3,3,1)(4,2,0)(3,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)	**(0 2 + ** (0 0 + 0))
-(1,1,0)(2,2,1)(3,2,0)(2,2,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega_{2} + \Omega_{\omega}))$
-(3,3,1)(4,2,0)(3,3,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	1/(O 2 + 1/(O O + O 2))
-(1,1,0)(2,2,1)(3,2,0)(2,2,0)-	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega} \cdot \Omega_2 + \Omega_{\omega} \cdot 2))$
-(3,3,1)(4,2,0)(3,3,1)(3,3,1)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	
-(1,1,0)(2,2,1)(3,2,0)(2,2,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega_{2} \cdot 2))$
-(3,3,1)(4,2,0)(3,3,1)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	
-(1,1,0)(2,2,1)(3,2,0)(2,2,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega_{2}^{2}))$
-(3,3,1)(4,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	
-(1,1,0)(2,2,1)(3,2,0)(2,2,0)-	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega} \cdot \psi_2(0)))$
-(3,3,1)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	
-(1,1,0)(2,2,1)(3,2,0)(2,2,0)-	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega} \cdot \psi_2(\Omega_{\omega})))$
-(3,3,1)(4,2,0)(5,3,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega_{3}))$
-(2,2,1)(3,2,0)(2,2,0)(3,3,1)(4,3,0)	$\psi(\mathfrak{U}_{\omega} + \psi_1(\mathfrak{U}_{\omega} \cdot \mathfrak{U}_3))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega}^{2}))$
-(1,1,0)(2,2,1)(3,2,0)(2,2,1)	$\psi(\mathfrak{L}_{\omega} + \psi_1(\mathfrak{L}_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)-	
-(2,2,1)(3,2,0)(2,2,1)(2,2,0)(3,1,0)-	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega}^{2})))$
-(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)-	$\psi({\Omega_\omega}^2+\Omega_2)$
-(2,2,1)(3,2,0)(2,2,1)(2,2,0)(3,2,0)	$\psi(\mathfrak{s}\iota_{\omega}+\mathfrak{s}\iota_{2})$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)-	$\psi({\Omega_\omega}^2+\psi_2(\Omega_\omega))$
-(2,2,1)(3,2,0)(2,2,1)(2,2,0)(3,3,1)	$\psi(\mathfrak{s}^{\iota}\omega + \psi_2(\mathfrak{s}^{\iota}\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,1)	$\psi(\Omega_{\omega}^{2} + \Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}^{2} + \Omega_{\omega} \cdot 2)$
-(1,1,1)(1,1,1)(1,1,1)	$\psi(\mathfrak{L}_{\omega}+\mathfrak{L}_{\omega}\cdot\mathcal{L})$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,0,0)	$\psi(\Omega_{\omega}^{2} + \Omega_{\omega} \cdot \omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,1,0)	$\psi(\Omega_{\omega}^{2} + \Omega_{\omega} \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}^2 + \Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega}^2 + \Omega_{\omega} \cdot \Omega))$
-(1,1,0)(2,2,1)(3,2,0)(2,2,1)(3,1,0)	$\psi(\mathfrak{s}\iota_{\omega}+\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota+\psi_{1}(\mathfrak{s}\iota_{\omega}+\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\Omega_{\omega}{}^2 + \Omega_{\omega} \cdot \Omega + \Omega_{\omega})$
-(2,2,1)(3,1,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}^{2} + \Omega_{\omega} \cdot \Omega_{2})$
-(1,1,0)(2,2,1)(3,2,0)(2,2,1)(3,2,0)	$\psi(\mathfrak{s}\iota_{\omega}+\mathfrak{s}\iota_{\omega}\cdot\mathfrak{s}\iota_{2})$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(2,2,1)(3,2,0)-	$\psi(\Omega_{\omega}{}^2 + \Omega_{\omega} \cdot \Omega_3)$
-(2,2,0)(3,3,1)(4,3,0)(3,3,1)(4,3,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}^2 \cdot 2)$
-(1,1,1)(2,1,0)(1,1,1)	$\psi(\Omega_\omega \cdot Z)$
(0,0,0)(1,1,1)(2,1,0)(2,0,0)	$\psi(\Omega_{\omega}^{2}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)(2,1,0)	$\psi(\Omega_{\omega}^{2}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)(2,1,0)(1,1,1)	$\psi(\Omega_{\omega}{}^3)$
(0,0,0)(1,1,1)(2,1,0)(2,1,0) - (1,1,1)(2,1,0)(2,1,0)(1,1,1)	$\psi(\Omega_{\omega}{}^3\cdot 2)$
(0,0,0)(1,1,1)(2,1,0)- $-(2,1,0)(2,1,0)(1,1,1)$	$\psi(\Omega_^4)$
(0,0,0)(1,1,1)(2,1,0)(3,0,0)	$\psi(\Omega_^\omega)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)	$\psi(\Omega_^\Omega)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0) - (1,1,0)(2,2,1)(3,1,0)	$\psi(\Omega_{\omega}^{\Omega} + \psi_1(\Omega_{\omega} \cdot \Omega))$
(0,0,0)(1,1,1)(2,1,0)(3,1,0) - (1,1,0)(2,2,1)(3,2,0)(2,2,1)	$\psi(\Omega^{\Omega}_{\omega} + \psi_1(\Omega^2_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,0)(3,2,0)(2,2,1)$	$\psi(\Omega_{\omega}{}^{\Omega}+\psi_1(\Omega_{\omega}{}^3))$
(0,0,0)(1,1,1)(2,1,0)(3,1,0) - (1,1,0)(2,2,1)(3,2,0)(4,0,0)	$\psi(\Omega_{\omega}{}^{\Omega} + \psi_1(\Omega_{\omega}{}^{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(3,1,0) - (1,1,0)(2,2,1)(3,2,0)(4,1,0)	$\psi(\Omega_{\omega}{}^{\Omega} + \psi_1(\Omega_{\omega}{}^{\Omega}))$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0) - (2,2,1)(3,2,0)(4,1,0)(2,2,0)(3,2,0)	$\psi(\Omega_{\omega}{}^{\Omega}+\Omega_{2})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0)- $-(2,2,1)(3,2,0)(4,1,0)(2,2,1)$	$\psi(\Omega^{\Omega}_{\omega}+\Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0) - (2,2,1)(3,2,0)(4,1,0)(2,2,1)(2,2,1)	$\psi(\Omega_{\omega}{}^{\Omega} + \Omega_{\omega} \cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0) - (2,2,1)(3,2,0)(4,1,0)(2,2,1)(3,1,0)	$\psi(\Omega_^\Omega + \Omega_\omega \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,0)(4,1,0)-$	$\psi(\Omega_{\omega}{}^{\Omega}+\Omega_{\omega}{}^{2})$
$ \begin{array}{c c} -(2,2,1)(3,2,0)(2,2,1) \\ \hline (0,0,0)(1,1,1)(2,1,0)(3,1,0) - \\ -(1,1,0)(2,2,1)(3,2,0)(4,1,0) - \\ -(2,2,1)(3,2,0)(4,0,0) \end{array} $	$\psi(\Omega_{\omega}{}^{\Omega}+\Omega_{\omega}{}^{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,0)(4,1,0)-$ $-(2,2,1)(3,2,0)(4,1,0)$	$\psi(\Omega_{\omega}{}^{\Omega}\cdot 2)$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0)-	/(O ^Q)
-(2,2,1)(3,2,0)(4,1,0)(3,0,0)	$\psi(\Omega_^\Omega\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0)-	1(0, 8, 0)
-(2,2,1)(3,2,0)(4,1,0)(3,1,0)	$\psi(\Omega_{\omega}{}^{\Omega}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0)-	$ah(\Omega, \Omega+1)$
-(2,2,1)(3,2,0)(4,1,0)(3,2,0)(2,2,1)	$\psi(\Omega_{\omega}^{\Omega+1})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega\cdot 2})$
-(2,2,1)(3,2,0)(4,1,0)(3,2,0)(4,1,0)	$\psi(\mathfrak{L}\omega)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega^2})$
-(2,2,1)(3,2,0)(4,1,0)(4,1,0)	$\psi(3\iota_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega^{\Omega}})$
-(2,2,1)(3,2,0)(4,1,0)(5,1,0)	$\varphi(\mathfrak{s} \iota \omega)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0)-	$\psi(\Omega_{\omega}^{\;\psi_1(0)})$
-(2,2,1)(3,2,0)(4,1,0)(5,2,0)	$\varphi(32\omega)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,0)-	$\psi(\Omega_{\omega}^{\ \ \psi_1(\Omega_{\omega})})$
-(2,2,1)(3,2,0)(4,1,0)(5,2,1)	Ψ(32ω)
(0,0,0)(1,1,1)(2,1,0)(3,1,0)-	2.
-(1,1,0)(2,2,1)(3,2,0)(4,1,0)-	$\psi(\Omega_{\omega}^{\psi_1(\Omega_{\omega}^2)})$
-(5,2,1)(6,2,0)(5,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,1,0)-	(C) also (Q)
-(1,1,0)(2,2,1)(3,2,0)(4,1,0)-	$\psi(\Omega_{\omega}{}^{\psi_{1}(\Omega_{\omega}{}^{\psi_{1}(\Omega_{\omega})})})$
-(5,2,1)(6,2,0)(7,1,0)(8,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega_2})$
-(1,1,0)(2,2,1)(3,2,0)(4,2,0)	, , ,
(0,0,0)(1,1,1)(2,1,0)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,2,0)-	$\psi(\Omega_{\omega}{}^{\Omega_3})$
-(2,2,0)(3,3,1)(4,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,1)	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}}+\Omega_{\omega}{}^2)$
-(1,1,1)(2,1,0)(1,1,1)	7(
(0,0,0)(1,1,1)(2,1,0)(3,1,0)-	$\psi(\Omega^{\Omega_\omega}_\omega\cdot 2)$
-(1,1,1)(2,1,0)(3,1,0)(1,1,1)	τ (ω -/
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(2,1,0)	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}+1})$
-(3,1,0)(2,1,0)(1,1,1)	Ψ(Διω)
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}+\Omega})$
-(3,1,0)(2,1,0)(3,1,0)	Ψ (32ω)
(0,0,0)(1,1,1)(2,1,0)(3,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}\cdot 2})$
-(2,1,0)(3,1,0)(1,1,1)	Ψ (32ω)

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(3,1,0)	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}\cdot\Omega})$
(0,0,0)(1,1,1)(2,1,0)- $-(3,1,0)(3,1,0)(1,1,1)$	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}^2})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(4,1,0)	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}{}^{\Omega}})$
(0,0,0)(1,1,1)(2,1,0)- $-(3,1,0)(4,1,0)(1,1,1)$	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}{}^{\Omega_{\omega}}})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)	$\psi(\psi_\omega(0))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,1)	$\psi(\psi_\omega(0)+\Omega_\omega)$
(0,0,0)(1,1,1)(2,1,0)- $(3,2,0)(1,1,1)(2,1,0)$	$\psi(\psi_{\omega}(0) + \Omega_{\omega} \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)- $-(1,1,1)(2,1,0)(1,1,1)$	$\psi(\psi_{\omega}(0) + \Omega_{\omega}^{2})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)- $-(1,1,1)(2,1,0)(3,1,0)$	$\psi(\psi_{\omega}(0) + \Omega_{\omega}{}^{\Omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)- - $(1,1,1)(2,1,0)(3,1,0)(1,1,1)$	$\psi(\psi_{\omega}(0) + \Omega_{\omega}{}^{\Omega_{\omega}})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)- $-(1,1,1)(2,1,0)(3,2,0)$	$\psi(\psi_{\omega}(0)\cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(2,0,0)	$\psi(\psi_\omega(0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(2,1,0)	$\psi(\psi_{\omega}(0)\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)- $-(3,2,0)(2,1,0)(1,1,1)$	$\psi(\psi_\omega(0)\cdot\Omega_\omega)$
(0,0,0)(1,1,1)(2,1,0)- $-(3,2,0)(2,1,0)(3,2,0)$	$\psi(\psi_\omega(0)^2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(3,0,0)	$\psi(\psi_{\omega}(0)^{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(3,1,0)	$\psi(\psi_{\omega}(0)^{\Omega})$
(0,0,0)(1,1,1)(2,1,0)- $-(3,2,0)(3,1,0)(1,1,1)$	$\psi(\psi_\omega(0)^{\Omega_\omega})$
(0,0,0)(1,1,1)(2,1,0)- $-(3,2,0)(3,1,0)(4,2,0)$	$\psi(\psi_{\omega}(0)^{\psi_{\omega}(0)})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)- $-(3,1,0)(4,2,0)(4,1,0)(5,2,0)$	$\psi(\psi_{\omega}(0)^{\psi_{\omega}(0)^{\psi_{\omega}(0)}})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(3,2,0)	$\psi(\psi_\omega(1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,0,0)	$\psi(\psi_\omega(\omega))$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,0,0)(5,1,1)(6,1,0)(7,2,0)	$\psi(\psi_{\omega}(\psi(\psi_{\omega}(0))))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)	$\psi(\psi_{\omega}(\Omega))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\psi_{\omega}(\Omega)+1)$
-(3,2,0)(4,1,0)(1,1,0)	$\varphi(\varphi_{\omega}(z_{\ell}) + 1)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\psi_{\omega}(\Omega) + \psi_1(\psi_{\omega}(0)))$
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)(4,3,0)	$\varphi (\varphi \omega(zz) + \varphi_1(\varphi \omega(z)))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	$\psi(\psi_{\omega}(\Omega) + \psi_1(\psi_{\omega}(\Omega)))$
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)	Ψ (Ψω() + Ψ1(Ψω()))
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega) + \Omega_2)$
-(4,3,0)(5,1,0)(2,2,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega) + \Omega_{\omega})$
-(4,3,0)(5,1,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega) + \Omega_{\omega} \cdot \Omega)$
-(4,3,0)(5,1,0)(2,2,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\Omega) + \Omega_{\omega}^{2})$
-(5,1,0)(2,2,1)(3,2,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\Omega) + \psi_{\omega}(0))$
-(5,1,0)(2,2,1)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)-	$\psi(\psi_{\omega}(\Omega) + \psi_{\omega}(1))$
-(2,2,1)(3,2,0)(4,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)-	$\psi(\psi_{\omega}(\Omega)\cdot 2)$
-(2,2,1)(3,2,0)(4,3,0)(5,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)-	
-(2,2,1)(3,2,0)(4,3,0)(5,1,0)(1,1,0)-	$\psi(\psi_{\omega}(\Omega)\cdot 2 + \psi_1(\psi_{\omega}(\Omega)\cdot 2))$
-(2,2,1)(3,2,0)(4,3,0)(5,1,0)-	
-(2,2,1)(3,2,0)(4,3,0)(5,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)-	$\psi(\psi_{\omega}(\Omega)\cdot 2 + \Omega_{\omega})$
-(2,2,1)(3,2,0)(4,3,0)(5,1,0)(2,2,1)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)(4,3,0)	$\psi(\psi_\omega(\Omega)\cdot\omega)$
-(5,1,0)(3,0,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_\omega(\Omega)\cdot\Omega)$
-(4,3,0)(5,1,0)(3,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_\omega(\Omega)\cdot\psi_1(\Omega_\omega))$
-(4,3,0)(5,1,0)(3,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)	$\psi(\psi_{\omega}(\Omega)\cdot\psi_1(\psi_{\omega}(\Omega)))$
-(3,1,0)(4,2,1)(5,2,0)(6,3,0)(7,1,0)	
(0,0,0)(1,1,1)(2,1,0)-	
-(3,2,0)(4,1,0)(1,1,0)(2,2,1)-	$\psi(\psi_{\omega}(\Omega)\cdot\Omega_2)$
-(3,2,0)(4,3,0)(5,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega)\cdot\Omega_2+1)$
-(4,3,0)(5,1,0)(3,2,0)(1,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\Omega) \cdot \Omega_2 + \psi_1(\psi_{\omega}(\Omega) \cdot \Omega_2))$
-(5,1,0)(3,2,0)(1,1,0)(2,2,1)-	$\psi(\psi_{\omega}(\mathfrak{U})\cdot\mathfrak{U}_{2}+\psi_{1}(\psi_{\omega}(\mathfrak{U})\cdot\mathfrak{U}_{2}))$
-(3,2,0)(4,3,0)(5,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega)\cdot\Omega_2+\psi_1(\psi_{\omega}(\Omega)\cdot\Omega_2+1))$
-(4,3,0)(5,1,0)(3,2,0)(2,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\Omega)\cdot\Omega_2+\Omega_2)$
-(5,1,0)(3,2,0)(2,2,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\Omega)\cdot\Omega_2+\psi_2(\Omega_{\omega}))$
-(5,1,0)(3,2,0)(2,2,0)(3,3,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\Omega) \cdot \Omega_2 + \psi_2(\psi_{\omega}(\Omega) \cdot \Omega_2))$
-(5,1,0)(3,2,0)(2,2,0)(3,3,1)-	$\psi(\psi\omega(zz) \cdot zzz + \psi 2(\psi\omega(zz) \cdot zzz))$
-(4,3,0)(5,4,0)(6,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)-	$\psi(\psi_{\omega}(\Omega)\cdot\Omega_2+\Omega_3)$
-(3,2,0)(2,2,0)(3,3,1)(4,3,0)(5,4,0)-	$\psi(\psi_{\omega}(z_{\ell}), z_{\ell}, z_{\ell}, z_{\ell})$
-(6,1,0)(4,2,0)(3,3,0)(4,3,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)	
-(3,2,0)(2,2,0)(3,3,1)(4,3,0)-	$\psi(\psi_\omega(\Omega)\cdot\Omega_2+\Omega_\omega)$
-(5,4,0)(6,1,0)(4,2,0)(3,3,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)(4,3,0)	
-(5,1,0)(3,2,0)(2,2,0)(3,3,1)(4,3,0)	$\psi(\psi_{\omega}(\Omega)\cdot\Omega_2+\psi_{\omega}(\Omega))$
-(5,4,0)(6,1,0)(4,2,0)(3,3,1)-	
-(4,3,0)(5,4,0)(6,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)	
-(3,2,0)(2,2,0)(3,3,1)(4,3,0)(5,4,0)	$\psi(\psi_\omega(\Omega)\cdot\Omega_2\cdot 2)$
-(6,1,0)(4,2,0)(3,3,1)(4,3,0)-	
-(5,4,0)(6,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)	/(/ (0) 0 2)
-(3,2,0)(2,2,0)(3,3,1)(4,3,0)-	$\psi(\psi_{\omega}(\Omega)\cdot{\Omega_2}^2)$
-(5,4,0)(6,1,0)(4,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)	
-(3,2,0)(2,2,0)(3,3,1)(4,3,0)-	$\psi(\psi_{\omega}(\Omega)\cdot\psi_2(0))$
-(5,4,0)(6,1,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	
-(5,1,0)(3,2,0)(2,2,0)(3,3,1)-	$\psi(\psi_\omega(\Omega)\cdot\Omega_3)$
-(4,3,0)(5,4,0)(6,1,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_\omega(\Omega)\cdot\Omega_\omega)$
-(4,3,0)(5,1,0)(3,2,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\Omega) \cdot \Omega_{\omega} + \Omega_{\omega})$
-(5,1,0)(3,2,0)(2,2,1)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$ah(ah, (\Omega), \Omega + ah, (\Omega), \Omega)$
-(5,1,0)(3,2,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega)\cdot\Omega_{\omega}+\psi_{\omega}(\Omega_{\omega})\cdot\Omega_{2})$
-(4,3,0)(5,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,1,0)	ah(ah (O) O a)
-(3,2,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\Omega) \cdot \Omega_{\omega} \cdot 2)$
-(5,1,0)(3,2,0)(2,2,1)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_\omega(\Omega)\cdot\Omega_\omega^2)$
-(5,1,0)(3,2,0)(3,2,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_\omega(\Omega)\cdot\Omega_\omega^{\ \Omega_\omega})$
-(5,1,0)(3,2,0)(4,2,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_\omega(\Omega)\cdot\psi_\omega(0))$
-(4,3,0)(5,1,0)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)(4,3,0)	$\psi(\psi_\omega(\Omega)\cdot\psi_\omega(1))$
-(5,1,0)(3,2,0)(4,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)	$\psi(\psi_\omega(\Omega)^2)$
-(5,1,0)(3,2,0)(4,3,0)(5,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_\omega(\Omega)^\omega)$
-(4,3,0)(5,1,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega)^{\Omega_2})$
-(4,3,0)(5,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_\omega(\Omega)^{\Omega_\omega})$
-(4,3,0)(5,1,0)(4,2,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	<u> </u>
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_\omega(\Omega)^{\Omega^{\Omega_\omega}_\omega})$
-(5,1,0)(4,2,0)(5,2,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega)^{\psi_{\omega}(0)})$
-(4,3,0)(5,1,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\Omega)^{\psi_{\omega}(\Omega)})$
-(5,1,0)(4,2,0)(5,3,0)(6,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega+1))$
-(4,3,0)(5,1,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\Omega+2))$
-(4,3,0)(5,1,0)(4,3,0)(4,3,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_\omega(\Omega\cdot 2))$
-(4,3,0)(5,1,0)(4,3,0)(5,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_\omega(\Omega^2))$
-(4,3,0)(5,1,0)(5,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)-	$\psi(\psi_{\omega}(\psi_1(0)))$
-(4,3,0)(5,1,0)(6,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\psi_{\omega}(\psi_1(\psi_{\omega}(0))))$
-(5,1,0)(6,2,1)(7,2,0)(8,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	, l(, l, (0,))
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(5,2,0)	$\psi(\psi_\omega(\Omega_2))$
(0,0,0)(1,1,1)(2,1,0)-	, l(d, (O,))
-(3,2,0)(4,1,0)(1,1,1)	$\psi(\psi_\omega(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(1,1,1)(1,1,1)	$\psi(\psi_{\omega}(\Omega_{\omega}) + \Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)-	
-(3,2,0)(4,1,0)(2,0,0)	$\psi(\psi_\omega(\Omega_\omega)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)-	
-(3,2,0)(4,1,0)(2,1,0)(1,1,1)	$\psi(\psi_\omega(\Omega_\omega)\cdot\Omega_\omega)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,1,0)(2,1,0)(3,2,0)(4,1,0)	$\psi(\psi_\omega(\Omega_\omega)\cdot\psi_\omega(\Omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)-	-l-(-l- (O)2)
-(2,1,0)(3,2,0)(4,1,0)(1,1,1)	$\psi(\psi_\omega(\Omega_\omega)^2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	J(J, (O,)2)
-(4,1,0)(2,1,0)(3,2,0)(4,1,0)	$\psi(\psi_\omega(\Omega_\omega)^2)$
(0,0,0)(1,1,1)(2,1,0)-	d(d, (0, 1, 1))
-(3,2,0)(4,1,0)(3,2,0)	$\psi(\psi_\omega(\Omega_\omega+1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	// /O + O))
-(4,1,0)(3,2,0)(4,1,0)	$\psi(\psi_\omega(\Omega_\omega+\Omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	// / (0 - 2))
-(4,1,0)(3,2,0)(4,1,0)(1,1,1)	$\psi(\psi_\omega(\Omega_\omega\cdot 2))$
(0,0,0)(1,1,1)(2,1,0)-	(/ / / / / / / / / / / / / / / / / / /
-(3,2,0)(4,1,0)(4,1,0)	$\psi(\psi_\omega(\Omega_\omega\cdot\Omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	1// (0.2)
-(4,1,0)(4,1,0)(1,1,1)	$\psi(\psi_{\omega}(\Omega_{\omega}{}^2))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	1(1 (0 9.3)
-(4,1,0)(5,1,0)(1,1,1)	$\psi(\psi_\omega(\Omega_^{\Omega_\omega}))$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)-	.1(.1, (.1, (0)))
-(3,2,0)(4,1,0)(5,2,0)	$\psi(\psi_{\omega}(\psi_{\omega}(0)))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\omega+1})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1}+\Omega_{\omega})$
-(3,2,0)(4,2,0)(1,1,1)	$\psi(\mathfrak{s}\iota_{\omega+1}+\mathfrak{s}\iota_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+1}+\psi_{\omega}(0))$
-(4,2,0)(1,1,1)(2,1,0)(3,2,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(0))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,2,0)-	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}))$
-(1,1,1)(2,1,0)(3,2,0)(4,2,0)	$\psi(\mathfrak{d}\iota_{\omega+1}+\psi_{\omega}(\mathfrak{d}\iota_{\omega+1}))$
(0,0,0)(1,1,1)(2,1,0)-	
-(3,2,0)(4,2,0)(2,0,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}) \cdot \omega)$
(0,0,0)(1,1,1)(2,1,0)-	1(0 +1 (0) 0)
-(3,2,0)(4,2,0)(2,1,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}) \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,2,0)(2,1,0)(1,1,1)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}) \cdot \Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	//0 / //0 // (0)
-(4,2,0)(2,1,0)(3,2,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}) \cdot \psi_{\omega}(0))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	1/0 / (0)2)
-(4,2,0)(2,1,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})^2)$
(0,0,0)(1,1,1)(2,1,0)-	1/0 1/0 1/0
-(3,2,0)(4,2,0)(3,1,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})^{\Omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	1(0, 1, 1, (0, 1, 1, 1, 1)
-(4,2,0)(3,1,0)(1,1,1)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})^{\Omega_{\omega}})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	160 1 (0)\$\dagger\dagg
-(4,2,0)(3,1,0)(4,2,0)(5,2,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})^{\psi_{\omega}(\Omega_{\omega+1})})$
(0,0,0)(1,1,1)(2,1,0)-	1/0 / (0 1))
-(3,2,0)(4,2,0)(3,2,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + 1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	1(0, 1, 1, (0, 1, 0))
-(4,2,0)(3,2,0)(4,1,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \Omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,2,0)(3,2,0)(4,1,0)(1,1,1)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	//0 / /0 / /0)))
-(4,2,0)(3,2,0)(4,1,0)(5,2,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \psi_{\omega}(0)))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,2,0)(3,2,0)(4,1,0)(5,2,0)(6,2,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	//O - 2\
-(4,2,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\omega+1}\cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,2,0)-	1/0
-(3,2,0)(4,2,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\omega+1}\cdot 3)$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1}\cdot\omega)$
-(3,2,0)(4,2,0)(4,0,0)	$\psi(\Omega_{\omega+1}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1}\cdot\Omega)$
-(3,2,0)(4,2,0)(4,1,0)	$\psi(32\omega+1,32)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+1}\cdot\Omega_{\omega})$
-(4,2,0)(4,1,0)(1,1,1)	$\varphi(d z\omega+1 d z\omega)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+1}\cdot\psi_{\omega}(0))$
-(4,2,0)(4,1,0)(5,2,0)	$\varphi(CS\omega+1) \varphi(C)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+1}\cdot\psi_{\omega}(\Omega_{\omega+1}))$
-(4,2,0)(4,1,0)(5,2,0)(6,2,0)	$\varphi(12\omega+1)$ $\varphi(12\omega+1)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1}^2)$
-(3,2,0)(4,2,0)(4,2,0)	Ψ (ω+1)
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1}{}^{\Omega})$
-(3,2,0)(4,2,0)(5,1,0)	ψ (32 ω +1)
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+1}{}^{\Omega_{\omega}})$
-(4,2,0)(5,1,0)(1,1,1)	γ (55ω+1)
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+1}{}^{\psi_{\omega}(\Omega_{\omega+1})})$
-(4,2,0)(5,1,0)(6,2,0)(7,2,0)	Ψ (==ω+1)
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1}{}^{\Omega_{\omega+1}})$
-(3,2,0)(4,2,0)(5,2,0)	γ (*-ω+1)
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,3,0)	$\psi(\psi_{\omega+1}(0))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\psi_{\omega+1}(0) + \psi_{\omega}(\psi_{\omega+1}(0)))$
-(4,3,0)(1,1,1)(2,1,0)(3,2,0)(4,3,0)	$\psi(\psi_{\omega+1}(0) + \psi_{\omega}(\psi_{\omega+1}(0)))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\psi_{\omega+1}(0)\cdot 2)$
-(4,3,0)(3,2,0)(4,3,0)	$\psi(\psi_{\omega+1}(0), 2)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\psi_{\omega+1}(1))$
-(3,2,0)(4,3,0)(4,3,0)	Ψ (Ψω+1(1))
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\psi_{\omega+1}(\Omega))$
-(3,2,0)(4,3,0)(5,1,0)	$\psi(\psi\omega+1(22))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\psi_{\omega+1}(\Omega_{\omega}))$
-(4,3,0)(5,1,0)(1,1,1)	$\psi (\psi \omega + 1 (\omega \omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\psi_{\omega+1}(\psi_{\omega}(0)))$
-(4,3,0)(5,1,0)(6,2,0)	γ (Ψω+1(Ψω(Ψ)))
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\psi_{\omega+1}(\psi_{\omega}(\psi_{\omega+1}(0))))$
-(4,3,0)(5,1,0)(6,2,0)(7,3,0)	γ (γω+1(γω(γω+1(∀))))
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\psi_{\omega+1}(\Omega_{\omega+1}))$
-(3,2,0)(4,3,0)(5,2,0)	$\tau (\tau \omega + 1(-\omega + 1))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\psi_{\omega+1}(\psi_{\omega+1}(0)))$
-(3,2,0)(4,3,0)(5,2,0)(6,3,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+2})$
-(3,2,0)(4,3,0)(5,3,0)	Ψ (ω+2)
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+2}{}^{\Omega_{\omega+2}})$
-(4,3,0)(5,3,0)(6,3,0)	/ (\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\psi_{\omega+2}(0))$
-(3,2,0)(4,3,0)(5,4,0)	, (, 2, 2, 4, 7)
(0,0,0)(1,1,1)(2,1,0)	$\psi(\Omega_{\omega+3})$
-(3,2,0)(4,3,0)(5,4,0)(6,4,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega \cdot 2})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1)	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(0))$
-(1,1,1)(2,1,0)(3,2,0)	$\psi(32\omega \cdot 2 + \psi_{\omega}(0))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega+1}))$
-(1,1,1)(2,1,0)(3,2,0)(4,2,0)	γ(ω.2 - γω(ω+1/)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\psi_{\omega+1}(0)))$
-(1,1,1)(2,1,0)(3,2,0)(4,3,0)	7 (2 2 . 72 (72) 11(-7))
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2}))$
-(1,1,1)(2,1,0)(3,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(2,1,0)	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2}) \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2})\cdot\Omega_{\omega})$
-(3,2,1)(2,1,0)(1,1,1)	φ (ω .2 φ ω (ω .2) ω)
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2}) \cdot \psi_{\omega}(0))$
-(3,2,1)(2,1,0)(3,2,0)	7 (2 . 72 (2.2) 72 (-7)
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2})^2)$
-(3,2,1)(2,1,0)(3,2,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(3,1,0)	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2})^{\Omega})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2})^{\psi_{\omega}(\Omega_{\omega\cdot 2})})$
-(3,2,1)(3,1,0)(4,2,1)	φ (13 ω .2 φ ω (13 ω .2)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(3,2,0)	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2} + 1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2} + 1)))$
-(3,2,0)(4,1,0)(5,2,1)(5,2,0)	$\psi(\mathfrak{d}\iota_{\omega\cdot2} + \psi_{\omega}(\mathfrak{d}\iota_{\omega\cdot2} + \psi_{\omega}(\mathfrak{d}\iota_{\omega\cdot2} + 1)))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega,2}+\Omega_{\omega+1})$
-(3,2,1)(3,2,0)(4,2,0)	$\psi(3^{\iota}\omega\cdot 2 + 3^{\iota}\omega+1)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega,2}+\Omega_{\omega+1}\cdot 2)$
-(3,2,0)(4,2,0)(3,2,0)(4,2,0)	γ(ω.2 ω+1)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \Omega_{\omega+1} \cdot \Omega_{\omega})$
-(3,2,0)(4,2,0)(4,1,0)(1,1,1)	, (w.2w-1w)

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega,2}+\Omega_{\omega+1}^2)$
-(3,2,0)(4,2,0)(4,2,0)	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega + 1})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega,2} + \Omega_{\omega+1}^{\Omega_{\omega+1}})$
-(3,2,0)(4,2,0)(5,2,0)	$\psi(\Omega_{\omega\cdot 2} + \Omega_{\omega+1})$
(0,0,0)(1,1,1)(2,1,0)-	sh(O + sh (O))
-(3,2,1)(3,2,0)(4,3,0)	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega + 1}(0))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega+1}(\Omega_{\omega\cdot 2}))$
-(3,2,1)(3,2,0)(4,3,1)	$\psi(\mathfrak{I}\iota_{\omega\cdot 2} + \psi_{\omega+1}(\mathfrak{I}\iota_{\omega\cdot 2}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega+1}(\Omega_{\omega\cdot 2} + 1))$
-(3,2,0)(4,3,1)(4,3,0)	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega+1}(\Omega_{\omega\cdot 2} + 1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \Omega_{\omega+2})$
-(3,2,0)(4,3,1)(4,3,0)(5,3,0)	$\psi(\mathfrak{L}\omega.2+\mathfrak{L}\omega+2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega+2}(0))$
-(3,2,0)(4,3,1)(4,3,0)(5,4,0)	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega+2}(0))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega+2}(\Omega_{\omega\cdot 2}))$
-(3,2,0)(4,3,1)(4,3,0)(5,4,1)	$\psi(\mathfrak{d}\iota_{\omega\cdot 2} + \psi_{\omega+2}(\mathfrak{d}\iota_{\omega\cdot 2}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(3,2,1)	$\psi(\Omega_{\omega \cdot 2} \cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2}\cdot\Omega_{\omega})$
-(3,2,1)(4,1,0)(1,1,1)	$\psi(\mathfrak{s}\iota_{\omega\cdot 2}\cdot\mathfrak{s}\iota_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0)-	$\psi(\Omega_{\omega,2}\cdot\Omega_{\omega}+\psi_{\omega}(\Omega_{\omega,2}\cdot\Omega_{\omega}))$
-(1,1,1)(2,1,0)(3,2,1)(4,1,0)(1,1,1)	$\psi(3\iota_{\omega\cdot 2}, 3\iota_{\omega} + \psi_{\omega}(3\iota_{\omega\cdot 2}, 3\iota_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega}) \cdot \psi_{\omega}(0))$
-(4,1,0)(2,1,0)(3,2,0)	$\varphi(s_{\omega}, 2 + s_{\omega} + \varphi_{\omega}(s_{\omega}, 2 + s_{\omega}) + \varphi_{\omega}(0))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2}\cdot\Omega_{\omega}+\psi_{\omega}(\Omega_{\omega\cdot 2}\cdot\Omega_{\omega}+1))$
-(3,2,1)(4,1,0)(3,2,0)	$\varphi(3\iota\omega.2 + 3\iota\omega + \varphi\omega(3\iota\omega.2 + 3\iota\omega + 1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega,2}\cdot\Omega_{\omega}+\Omega_{\omega+1})$
-(4,1,0)(3,2,0)(4,2,0)	$\varphi(3^{2}\omega.2 \cdot 3^{2}\omega + 3^{2}\omega+1)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2}\cdot\Omega_{\omega}+\psi_{\omega+1}(0))$
-(4,1,0)(3,2,0)(4,3,0)	φ (32 ω :2 32 ω) φ φ φ +1(0))
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega + 1}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega}))$
-(4,1,0)(3,2,0)(4,3,1)(5,1,0)(1,1,1)	$\varphi(32\omega\cdot2-32\omega+\varphi\omega+1(32\omega\cdot2-32\omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0)-	$\psi(\Omega_{\omega,2}\cdot\Omega_{\omega}+\Omega_{\omega+2})$
-(3,2,0)(4,3,1)(5,1,0)(4,3,0)(5,3,0)	$\varphi(u_{\omega}, 2 u_{\omega} + u_{\omega} + 2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0)-	
-(3,2,0)(4,3,1)(5,1,0)(4,3,0)-	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \Omega_{\omega + 3})$
-(5,4,1)(6,1,0)(5,4,0)(6,4,0)	
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega,2}\cdot\Omega_{\omega}+\Omega_{\omega,2})$
-(3,2,1)(4,1,0)(3,2,1)	$\varphi ({}^{2}\omega \cdot 2 \cdot {}^{2}\omega \cdot 1 \cdot {}^{2}\omega \cdot 2)$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,1)- $-(4,1,0)(3,2,1)(3,2,1)$	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \Omega_{\omega \cdot 2} \cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1) - (4,1,0)(3,2,1)(4,1,0)(1,1,1)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} \cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1) - (4,1,0)(4,1,0)(1,1,1)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega}^{2})$
(0,0,0)(1,1,1)(2,1,0) - (3,2,1)(4,1,0)(5,2,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \psi_{\omega}(0))$
(0,0,0)(1,1,1)(2,1,0) - (3,2,1)(4,1,0)(5,2,1)	$\psi(\Omega_{\omega \cdot 2} \cdot \psi_{\omega}(\Omega_{\omega \cdot 2}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1) - (4,1,0)(5,2,1)(6,1,0)(7,2,1)	$\psi(\Omega_{\omega \cdot 2} \cdot \psi_{\omega}(\Omega_{\omega \cdot 2} \cdot \psi_{\omega}(\Omega_{\omega \cdot 2})))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1) - (4,2,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} + \Omega_{\omega + 1})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)- $-(4,2,0)(3,2,0)(4,3,1)(5,2,0)$	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} + \psi_{\omega + 1}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0) - (3,2,0)(4,3,1)(5,2,0)(4,3,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega+1} + \psi_{\omega+1}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega+1} + 1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0) - (3,2,0)(4,3,1)(5,2,0)(4,3,0)(5,3,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} + \Omega_{\omega + 2})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0) - (3,2,0)(4,3,1)(5,2,0)(4,3,1)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} + \Omega_{\omega \cdot 2})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0) - (3,2,0)(4,3,1)(5,2,0)(4,3,1)(5,2,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} \cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0) - (3,2,0)(4,3,1)(5,2,0)(5,2,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1}^{2})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0) - (3,2,0)(4,3,1)(5,2,0)(6,3,1)	$\psi(\Omega_{\omega \cdot 2} \cdot \psi_{\omega+1}(\Omega_{\omega \cdot 2}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)- $-(4,2,0)(3,2,0)(4,3,1)(5,3,0)$	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 2})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)- $-(4,2,0)(3,2,0)(4,3,1)(5,3,0)-$	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 3})$
-(4,3,0)(5,4,1)(6,4,0) $(0,0,0)(1,1,1)(2,1,0)$ $-(3,2,1)(4,2,0)(3,2,1)$	$\psi(\Omega_{\omega \cdot 2}{}^2)$
(0,0,0)(1,1,1)(2,1,0)- $-(3,2,1)(4,2,0)(4,2,0)(3,2,1)$	$\psi(\Omega_{\omega \cdot 2}{}^3)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)- $-(4,2,0)(5,1,0)(1,1,1)$	$\psi(\Omega_{\omega \cdot 2}{}^{\Omega_{\omega}})$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\alpha_{l,l}(\Omega,\Omega_{cl,2})$
-(4,2,0)(5,2,0)(3,2,1)	$\psi(\Omega_{\omega \cdot 2}{}^{\Omega_{\omega \cdot 2}})$
(0,0,0)(1,1,1)(2,1,0)-	
-(3,2,1)(4,2,0)(5,3,0)	$\psi(\psi_{\omega \cdot 2}(0))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	2/(2/, (1))
-(4,2,0)(5,3,0)(5,3,0)	$\psi(\psi_{\omega \cdot 2}(1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\psi_{\omega\cdot 2}(\Omega))$
-(4,2,0)(5,3,0)(6,1,0)	$\psi(\psi_{\omega\cdot 2}(z))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\psi_{\omega\cdot 2}(\Omega_\omega))$
-(4,2,0)(5,3,0)(6,1,0)(1,1,1)	$\psi(\psi_{\omega\cdot 2}(^{3}\iota_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\psi_{\omega\cdot 2}(\Omega_{\omega\cdot 2}))$
-(4,2,0)(5,3,0)(6,2,0)(3,2,1)	$\varphi(\varphi_{\omega\cdot 2}(s_{\omega\cdot 2}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\psi_{\omega\cdot 2}(\psi_{\omega\cdot 2}(0)))$
-(4,2,0)(5,3,0)(6,2,0)(7,3,0)	$\Psi(\Psi\omega\cdot 2(\Psi\omega\cdot 2(\Theta)))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2+1})$
-(4,2,0)(5,3,0)(6,3,0)	$\psi(3^{\mu}\omega\cdot2+1)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\psi_{\omega\cdot 2+1}(0))$
-(4,2,0)(5,3,0)(6,4,0)	$\varphi(\psi\omega\cdot 2+1(0))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 3})$
-(3,2,1)(4,2,0)(5,3,1)	Ψ (52ω.3)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 3}\cdot 2)$
-(4,2,0)(5,3,1)(5,3,1)	φ (33 ω .3 2)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 3}\cdot\Omega_{\omega})$
-(4,2,0)(5,3,1)(6,1,0)(1,1,1)	Ψ (ω-3ω)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 3}\cdot\Omega_{\omega\cdot 2})$
-(4,2,0)(5,3,1)(6,2,0)(3,2,1)	Ψ (ω·3ω·2)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 3}{}^2)$
-(4,2,0)(5,3,1)(6,3,0)(5,3,1)	₇ (ω·3)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\psi_{\omega\cdot 3}(0))$
-(4,2,0)(5,3,1)(6,3,0)(7,4,0)	r (r w · 3 (- 7)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 4})$
-(4,2,0)(5,3,1)(6,3,0)(7,4,1)	/ (w 4)
(0,0,0)(1,1,1)(2,1,1)	$\psi(\Omega_{\omega^2})$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)	$\psi(\Omega_{\omega^2}+\Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,1)-	$a _{\mathcal{O}}(\Omega - + a _{\mathcal{O}}(\Omega))$
-(1,1,1)(2,1,0)(3,2,0)	$\psi(\Omega_{\omega^2} + \psi_{\omega}(0))$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)-	$\psi(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega+1}))$
-(2,1,0)(3,2,0)(4,2,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)- $-(1,1,1)(2,1,0)(3,2,1)$	$\psi(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega \cdot 2}))$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,0)(5,3,1)	$\psi(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega \cdot 3}))$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)	$\psi(\Omega_{\omega^2} + \psi_\omega(\Omega_{\omega^2}))$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(3,2,0)-	$\psi(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega^2})))$
-(4,1,0)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega^2} + \Omega_{\omega+1})$
-(3,2,1)(4,2,1)(3,2,0)(4,2,0)	$\psi(\mathfrak{U}_{\omega^2}+\mathfrak{U}_{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)-	$\psi(\Omega_{\omega^2}+\Omega_{\omega\cdot 2})$
-(2,1,0)(3,2,1)(4,2,1)(3,2,1)	$\psi(\mathfrak{s}^{\iota}\omega^{2}+\mathfrak{s}^{\iota}\omega.2)$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega^2} + \psi_{\omega,2}(0))$
-(3,2,1)(4,2,1)(3,2,1)(4,2,0)(5,3,0)	$\psi(32\omega^2 + \psi\omega.2(0))$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(3,2,1)-	$\psi(\Omega_{\omega^2} + \Omega_{\omega \cdot 3})$
-(3,2,0)(4,3,1)(5,3,1)(4,3,1)	
(0,0,0)(1,1,1)(2,1,1)(1,1,1)(2,1,1)	$\psi(\Omega_{\omega^2} \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(2,0,0)	$\psi(\Omega_{\omega^2}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)	$\psi(\Omega_{\omega^2} \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,1) - (2,1,0)(1,1,1)(1,1,1)	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,1)- $-(2,1,0)(1,1,1)(2,1,0)$	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \Omega_{\omega} \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)- $-(1,1,1)(2,1,0)(1,1,1)$	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \Omega_{\omega}^2)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)- $-(1,1,1)(2,1,0)(3,2,0)$	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \psi_{\omega}(0))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0) - (1,1,1)(2,1,0)(3,2,1)(4,2,1)	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega}+\psi_{\omega}(\Omega_{\omega^2}))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \psi_{\omega}(\Omega_{\omega^2} \cdot \Omega_{\omega}))$
$\frac{-(2,1,0)(3,2,1)(4,2,1)(4,1,0)(1,1,1)}{(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)}$	
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \psi_{\omega}(\Omega_{\omega^2} \cdot \Omega_{\omega} + \psi_{\omega}(\Omega_{\omega^2} \cdot \Omega_{\omega})))$
-(2,1,0)(5,2,1)(4,2,1)(4,1,0)(5,2,0) $-(4,1,0)(5,2,1)(6,2,1)(6,1,0)(1,1,1)$	$\psi(\mathfrak{L}_{\omega^2} \cdot \mathfrak{L}_{\omega} + \psi_{\omega}(\mathfrak{L}_{\omega^2} \cdot \mathfrak{L}_{\omega} + \psi_{\omega}(\mathfrak{L}_{\omega^2} \cdot \mathfrak{L}_{\omega}))$
-(+,1,0)(0,2,1)(0,2,1)(0,1,0)(1,1,1)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \Omega_{\omega+1})$
-(4,1,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)(3,2,0)	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \psi_{\omega+1}(\Omega_{\omega^2} \cdot \Omega_{\omega}))$
-(4,3,1)(5,3,1)(5,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega}+\Omega_{\omega+2})$
-(4,3,1)(5,3,1)(5,1,0)(4,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega}+\Omega_{\omega,2})$
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)(3,2,1)	$\psi(\mathfrak{s}\iota_{\omega^2},\mathfrak{s}\iota_{\omega}+\mathfrak{s}\iota_{\omega}.2)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \psi_{\omega \cdot 2}(0))$
-(4,1,0)(3,2,1)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)(3,2,1)-	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \psi_{\omega \cdot 2}(\Omega_{\omega^2} \cdot \Omega_{\omega}))$
-(4,2,0)(5,3,1)(6,3,1)(6,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)-	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega}+\Omega_{\omega\cdot2+1})$
-(3,2,1)(4,2,0)(5,3,1)(6,3,1)-	$\psi(32\omega^2 + 32\omega + 32\omega \cdot 2+1)$
-(6,1,0)(5,3,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)(3,2,1)-	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \Omega_{\omega \cdot 3})$
-(4,2,0)(5,3,1)(6,3,1)(6,1,0)(5,3,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \Omega_{\omega^2})$
-(4,1,0)(3,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)-	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega} + \Omega_{\omega^2} \cdot 2)$
-(3,2,1)(4,2,1)(3,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)-	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega}\cdot 2)$
-(3,2,1)(4,2,1)(4,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\omega^2}\cdot\Omega_\omega^2)$
-(4,1,0)(4,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega^2}\cdot\psi_{\omega}(0))$
-(2,1,0)(3,2,1)(4,2,1)(4,1,0)(5,2,0)	$\psi(2\iota\omega^2 \cdot \psi\omega(0))$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\omega^2}\cdot\psi_\omega(\Omega_{\omega^2}))$
-(4,1,0)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,2,0)	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,2,0)(3,2,0)-	$\psi(\Omega_{\omega^2} \cdot \Omega_{\omega+1} + \Omega_{\omega^2})$
-(4,3,1)(5,3,1)(5,2,0)(4,3,1)(5,3,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,2,0)-	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega+2})$
-(3,2,0)(4,3,1)(5,3,1)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega\cdot 2})$
-(2,1,0)(3,2,1)(4,2,1)(4,2,0)(3,2,1)	$\psi({\scriptstyle 1}{\scriptstyle 2}{\scriptstyle \omega^2}\cdot{\scriptstyle 1}{\scriptstyle 2}{\scriptstyle 2}{\scriptstyle \omega\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)(2,1,0)-	
-(3,2,1)(4,2,1)(4,2,0)(3,2,1)(4,2,0)-	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega\cdot 2}+\Omega_{\omega^2})$
-(5,3,1)(6,3,1)(6,2,0)(5,3,1)(6,3,1)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,2,0)(3,2,1)-	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega\cdot 2+1})$
-(4,2,0)(5,3,1)(6,3,1)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(4,2,0)(3,2,1)-	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega\cdot 3})$
-(4,2,0)(5,3,1)(6,3,1)(6,3,0)(5,3,1)	
(0,0,0)(1,1,1)(2,1,1)-	$\psi({\Omega_{\omega^2}}^2)$
-(2,1,0)(1,1,1)(2,1,1)	$\psi(3L\omega^2)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	$\psi(\Omega_{\omega^2}^2 + \Omega_{\omega^2})$
-(1,1,1)(2,1,1)(1,1,1)(2,1,1)	$\psi(3L\omega^2 + 3L\omega^2)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)-	$\psi(\Omega_{\omega^2}{}^2\cdot 2)$
-(2,1,1)(2,1,0)(1,1,1)(2,1,1)	$\varphi(3^2\omega^2+2)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	$\psi(\Omega_{\omega^2}{}^3)$
-(2,1,0)(1,1,1)(2,1,1)	$\varphi(ab\omega^2)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,1,0)	$\psi(\Omega_{\omega^2}{}^\Omega)$
(0,0,0)(1,1,1)(2,1,1)-	(0, 9)
-(2,1,0)(3,1,0)(1,1,1)	$\psi(\Omega_{\omega^2}{}^{\Omega_{\omega}})$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	(0, 9, 2)
-(3,1,0)(1,1,1)(2,1,1)	$\psi(\Omega_{\omega^2}{}^{\Omega_{\omega^2}})$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,2,0)	$\psi(\psi_{\omega^2}(0))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\omega^2}(1))$
-(2,1,0)(3,2,0)(3,2,0)	$\psi(\psi\omega^2(1))$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)-	aldali (O))
-(2,1,0)(3,2,0)(4,1,0)	$\psi(\psi_{\omega^2}(\Omega))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	$\psi(\psi_{\omega^2}(\Omega_{\omega^2}))$
-(3,2,0)(4,1,0)(1,1,1)(2,1,1)	$\psi(\psi_{\omega^2}(\mathfrak{L}_{\omega^2}))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	$\psi(\psi_{\omega^2}(\psi_{\omega^2}(0)))$
-(3,2,0)(4,1,0)(5,2,0)	$\psi(\psi_{\omega^2}(\psi_{\omega^2}(0)))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{\omega^2+1})$
-(2,1,0)(3,2,0)(4,2,0)	$\psi(3^2\omega^2+1)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\omega^2+1}(0))$
-(2,1,0)(3,2,0)(4,3,0)	$\psi(\psi\omega^2+1(0))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega^2+\omega})$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	$\psi(\Omega_{\omega^2+\omega\cdot 2})$
-(3,2,1)(4,2,0)(5,3,1)	$\psi(\Im^2\omega^2+\omega\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{\omega^2\cdot 2})$
-(2,1,0)(3,2,1)(4,2,1)	Υ (ω2)
(0,0,0)(1,1,1)(2,1,1)(2,1,0)-	$\psi(\Omega_{\omega^2\cdot 3})$
-(3,2,1)(4,2,1)(4,2,0)(5,3,1)(6,3,1)	Υ (ω3)
(0,0,0)(1,1,1)(2,1,1)(2,1,1)	$\psi(\Omega_{\omega^3})$
(0,0,0)(1,1,1)(2,1,1)(2,1,1)-	$\psi(\Omega_{\omega^3}\cdot 2)$
-(1,1,1)(2,1,1)(2,1,1)	$\psi(\mathfrak{a}^{\prime}\omega^{3}\cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,0)	$\psi(\Omega_{\omega^3}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{\omega^3}\cdot\Omega_{\omega})$
-(2,1,1)(2,1,0)(1,1,1)	$\varphi(\mathfrak{s}\iota_{\omega}\mathfrak{s}\cdot\mathfrak{s}\iota_{\omega})$
(0,0,0)(1,1,1)(2,1,1)(2,1,1)-	$\psi(\Omega_{\omega^3}\cdot\Omega_{\omega^2})$
-(2,1,0)(1,1,1)(2,1,1)	$\psi(\iota\iota\omega^3\cdot\iota\iota\omega^2)$
(0,0,0)(1,1,1)(2,1,1)(2,1,1)-	$\psi(\Omega_{\omega^3}{}^2)$
-(2,1,0)(1,1,1)(2,1,1)(2,1,1)	ψ (22 ω 5)
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\omega^3}(0))$
-(2,1,1)(2,1,0)(3,2,0)	$\Psi(\Psi\omega^{s}(0))$
(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1)	$\psi(\Omega_{\omega^4})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)	$\psi(\Omega_{\omega^\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)-	$\psi(\Omega_{\omega^\omega}\cdot 2)$
-(1,1,1)(2,1,1)(3,0,0)	$\psi({}_{1}\iota_{\omega}{}_{\omega}_{2})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)-	$\psi(\Omega_{\omega}{}^{2})$
-(2,1,0)(1,1,1)(2,1,1)(3,0,0)	$\psi(\mathfrak{d} \mathfrak{d}_{\omega} \omega)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\omega^\omega}(0))$
-(3,0,0)(2,1,0)(3,2,0)	$\psi(\psi_{\omega^{\omega}}(0))$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,0,0)- $-(2,1,0)(3,2,0)(4,2,0)$	$\psi(\Omega_{\omega^\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega^\omega+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0) - (2,1,0)(3,2,1)(4,2,1)	$\psi(\Omega_{\omega^\omega+\omega^2})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0) - (2,1,0)(3,2,1)(4,2,1)(5,0,0)	$\psi(\Omega_{\omega^\omega \cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)(2,1,1)	$\psi(\Omega_{\omega^{\omega+1}})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)(2,1,1)(3,0,0)	$\psi(\Omega_{\omega^{\omega\cdot 2}})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)(3,0,0)	$\psi(\Omega_{\omega^{\omega^2}})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,0,0)	$\psi(\Omega_{\omega^{\omega^{\omega}}})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0)	$\psi(\Omega_{\psi(0)})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)- $-(4,1,0)(2,1,0)(3,2,0)$	$\psi(\psi_{\psi(0)}(0))$
(0,0,0)(1,1,1)(2,1,1)- $-(3,0,0)(4,1,0)(5,1,0)$	$\psi(\Omega_{\psi(\Omega)})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1)	$\psi(\Omega_{\psi(\Omega_\omega)})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1)(5,1,1)	$\psi(\Omega_{\psi(\Omega_{\omega^2})})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)- $-(4,1,1)(5,1,1)(6,0,0)(7,1,0)$	$\psi(\Omega_{\psi(\Omega_{\psi(0)})})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(\Omega_\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)	$\psi(\Omega_\Omega+1)$
(0,0,0)(1,1,1)(2,1,1)- $-(3,1,0)(1,1,0)(2,2,1)$	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,1)$	$\psi(\Omega_\Omega + \psi_1(\Omega_{\omega^2}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,1)(4,1,0)$	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\Omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)- $-(2,2,1)(3,2,1)(4,1,0)(2,2,0)$	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\Omega} + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)- $-(2,2,1)(3,2,1)(4,1,0)(2,2,0)-$ $-(3,1,0)(4,2,1)(5,2,1)(6,1,0)$	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\Omega} + \psi_1(\Omega_{\Omega})))$

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	//0 0 .)
-(2,2,1)(3,2,1)(4,1,0)(2,2,0)(3,2,0)	$\psi(\Omega_{\Omega}+\Omega_{2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_\Omega + \psi_2(\Omega_\Omega))$
-(2,2,0)(3,3,1)(4,3,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)(2,2,0)	$\psi(\Omega_{\Omega}+\Omega_{3})$
-(3,3,1)(4,3,1)(5,1,0)(3,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	WO + O)
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)	$\psi(\Omega_{\Omega}+\Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega} + \Omega_{\omega} \cdot 2)$
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(2,2,1)	$\psi(\Omega_{\Omega} + \Omega_{\omega} \cdot Z)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\Omega}+\Omega_{\omega}^{2})$
-(2,2,1)(3,2,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)	$\psi(\Omega_{\Omega} + \psi_{\omega}(0))$
-(2,2,1)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)	$\psi(\Omega_{\Omega} + \psi_{\omega}(\Omega_{\Omega}))$
-(2,2,1)(3,2,0)(4,3,1)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,0)-	$\psi(\Omega_{\Omega} + \Omega_{\omega+1})$
-(4,3,1)(5,3,1)(6,1,0)(4,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,0)-	$\psi(\Omega_{\Omega} + \Omega_{\omega \cdot 2})$
-(4,3,1)(5,3,1)(6,1,0)(4,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega} + \Omega_{\omega^2})$
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1)	$\varphi(zz_{i} + zz_{i})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\Omega} + \Omega_{\omega^2} \cdot 2)$
-(2,2,1)(3,2,1)(2,2,1)(3,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\Omega} + \Omega_{\omega^2}^2)$
-(2,2,1)(3,2,1)(3,2,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_\Omega + \psi_{\omega^2}(0))$
-(2,2,1)(3,2,1)(3,2,0)(4,3,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)-	1/0
-(3,2,1)(3,2,0)(4,3,1)(5,3,1)-	$\psi(\Omega_{\Omega}+\Omega_{\omega^2+1})$
-(6,1,0)(4,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1)	$\psi(\Omega_{\Omega}+\Omega_{\omega^2+\omega})$
-(3,2,0)(4,3,1)(5,3,1)(6,1,0)(4,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)-	\(\(\text{O} \) \(\text{O} \)
-(3,2,1)(3,2,0)(4,3,1)(5,3,1)-	$\psi(\Omega_{\Omega} + \Omega_{\omega^2 \cdot 2})$
-(6,1,0)(4,3,1)(5,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_\Omega+\Omega_{\omega^3})$
-(2,2,1)(3,2,1)(3,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_\Omega+\Omega_{\omega^\omega})$
-(2,2,1)(3,2,1)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_\Omega + \Omega_{\psi(\Omega_\omega)})$
-(2,2,1)(3,2,1)(4,0,0)(5,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1)	//0 + 0
-(4,0,0)(5,1,1)(6,1,1)(7,1,0)(5,1,0)	$\psi(\Omega_{\Omega} + \Omega_{\psi(\Omega_{\Omega} + \Omega_2)})$
-(6,2,1)(7,2,1)(8,1,0)(6,2,0)(7,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_\Omega\cdot 2)$
-(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1)	$\psi(\Omega_\Omega\cdot 3)$
-(4,1,0)(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	.//(0 0)
-(2,2,1)(3,2,1)(4,1,0)(3,1,0)	$\psi(\Omega_\Omega\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_\Omega\cdot\psi_1(\Omega_\Omega))$
-(3,1,0)(4,2,1)(5,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_\Omega\cdot\Omega_2)$
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_\Omega\cdot\Omega_\omega)$
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(2,2,1)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_\Omega\cdot\Omega_{\omega^2})$
-(3,2,0)(2,2,1)(3,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_^2)$
-(3,2,0)(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)(3,2,0)	$\psi(\Omega_^3)$
-(3,2,0)(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	(O Q)
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,1,0)	$\psi(\Omega_\Omega^{\ \Omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_^{\Omega_\Omega})$
-(4,2,0)(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,0)	$\psi(\psi_\Omega(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\psi_\Omega(1))$
-(3,2,0)(4,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\psi_\Omega(\Omega_2))$
-(3,2,0)(4,3,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,0)-	$\psi(\psi_\Omega(\Omega_\Omega))$
-(5,2,0)(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\psi_\Omega(\psi_\Omega(0)))$
-(3,2,0)(4,3,0)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\Omega+1})$
-(3,2,0)(4,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega+\omega})$
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)	$\psi(^{2}\Omega+\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\Omega+\omega\cdot 2})$
-(3,2,0)(4,3,1)(5,3,0)(6,4,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)-	$\psi(\Omega_{\Omega+\omega^2})$
-(4,1,0)(3,2,0)(4,3,1)(5,3,1)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega+\psi(0)})$
-(4,3,1)(5,3,1)(6,0,0)(7,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)	$\psi(\Omega_{\Omega\cdot 2})$
-(3,2,0)(4,3,1)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(\Omega_{\Omega\cdot 2}+\Omega_2)$
-(5,3,1)(6,1,0)(2,2,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(\Omega_{\Omega\cdot 2}+\Omega_\Omega)$
-(5,3,1)(6,1,0)(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(\Omega_{\Omega\cdot 2}+\psi_{\Omega}(0))$
-(5,3,1)(6,1,0)(2,2,1)(3,2,1)-	$\psi(\Omega_{\Omega,2} + \psi_{\Omega}(0))$
-(4,1,0)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	
-(5,3,1)(6,1,0)(2,2,1)(3,2,1)-	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega}))$
-(4,1,0)(3,2,0)(4,3,0)(5,2,0)-	
-(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega+1}))$
-(5,3,1)(6,1,0)(2,2,1)(3,2,1)-	$\psi(22l\cdot 2+\psi \Omega(22l+1))$
-(4,1,0)(3,2,0)(4,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega\cdot 2}))$
-(5,3,1)(6,1,0)(2,2,1)(3,2,1)-	$\varphi(z_{2},z_{1},z_{1},\varphi_{2}(z_{2},z_{2}))$
-(4,1,0)(3,2,0)(4,3,1)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega \cdot 2} + \psi_{\Omega}(\Omega_{\Omega \cdot 2}) \cdot \Omega)$
-(4,3,1)(5,3,1)(6,1,0)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)(2,2,1)-	
-(3,2,1)(4,1,0)(3,2,0)(4,3,1)(5,3,1)-	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega\cdot 2}) \cdot \Omega_{\Omega})$
-(6,1,0)(3,2,0)(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega\cdot 2}) \cdot \Omega_{\Omega}^2)$
-(4,3,1)(5,3,1)(6,1,0)(3,2,0)-	γ (552.2 γ22(552.2) 55Ω)
-(3,2,0)(2,2,1)(3,2,1)(4,1,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega\cdot 2})\cdot\psi_{\Omega}(0))$
-(4,3,1)(5,3,1)(6,1,0)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega \cdot 2} + \psi_{\Omega}(\Omega_{\Omega \cdot 2})^2)$
-(4,3,1)(5,3,1)(6,1,0)(3,2,0)	$\psi(2\iota_{\Omega\cdot 2} + \psi_{\Omega}(2\iota_{\Omega\cdot 2}))$
-(4,3,1)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega\cdot 2} + 1))$
-(4,3,1)(5,3,1)(6,1,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(\Omega_{\Omega \cdot 2} + \Omega_{\Omega + 1})$
-(5,3,1)(6,1,0)(4,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega \cdot 2} + \Omega_{\Omega + \omega})$
-(4,3,1)(5,3,1)(6,1,0)(4,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(\Omega_{\Omega\cdot 2}\cdot 2)$
-(5,3,1)(6,1,0)(4,3,1)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega\cdot 2}\cdot\Omega_2)$
-(4,3,1)(5,3,1)(6,1,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega\cdot 2}\cdot\Omega_{\Omega})$
-(4,3,1)(5,3,1)(6,1,0)(5,2,0)-	ψ (±3(1.2 ±3(1))
-(2,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega\cdot 2}{}^2)$
-(4,3,1)(5,3,1)(6,1,0)(5,3,0)-	ψ (12(2.2))
-(4,3,1)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega\cdot 2}{}^{\Omega_{\Omega\cdot 2}})$
-(4,3,1)(5,3,1)(6,1,0)(5,3,0)-	Ψ (132.2
-(6,3,0)(4,3,1)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(\psi_{\Omega\cdot 2}(0))$
-(5,3,1)(6,1,0)(5,3,0)(6,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(\Omega_{\Omega\cdot 2+1})$
-(5,3,1)(6,1,0)(5,3,0)(6,4,0)(7,4,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)	$\psi(\Omega_{\Omega\cdot 2+\omega})$
-(5,3,1)(6,1,0)(5,3,0)(6,4,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega\cdot 2+\omega^2})$
-(4,3,1)(5,3,1)(6,1,0)-	$\psi(\Omega_{\Omega\cdot 2+\omega^2})$
-(5,3,0)(6,4,1)(7,4,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,1,0)(3,2,0)-	$\psi(\Omega_{\Omega\cdot 3})$
-(4,3,1)(5,3,1)(6,1,0)(5,3,0)-	$\psi(\Omega\Omega_3)$
-(6,4,1)(7,4,1)(8,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega\cdot\omega})$
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)(3,2,1)	$\psi({}^{1}{}^{2}\Omega.\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega\cdot\omega^2})$
-(2,2,1)(3,2,1)(4,1,0)(3,2,1)(3,2,1)	$\psi(\mathfrak{sl}\Omega.\omega^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega^2})$
-(2,2,1)(3,2,1)(4,1,0)(3,2,1)(4,1,0)	$\psi(32\Omega^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega^\omega})$
-(2,2,1)(3,2,1)(4,1,0)(4,0,0)	$\psi(22ll_{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega^\Omega})$
-(2,2,1)(3,2,1)(4,1,0)(4,1,0)	$\psi(uu_{U^{**}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\Omega^{\Omega+1}})$
-(4,1,0)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\Omega^{\Omega \cdot 2}})$
-(4,1,0)(3,2,1)(4,1,0)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega^{\Omega^2}})$
-(2,2,1)(3,2,1)(4,1,0)(4,1,0)(4,1,0)	7 (1)22)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega^{\Omega^{\Omega}}})$
-(2,2,1)(3,2,1)(4,1,0)(5,1,0)	7 (1/22)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\psi_1(0)})$
-(2,2,1)(3,2,1)(4,1,0)(5,2,0)	$\tau \leftarrow \psi_1(0)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\psi_1(\Omega_2)})$
-(2,2,1)(3,2,1)(4,1,0)(5,2,0)(6,2,0)	$\tau \leftarrow \psi_1(3\iota_2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\psi_1(\Omega_\omega)})$
-(2,2,1)(3,2,1)(4,1,0)(5,2,1)	$\tau \leftarrow \psi_1(\mathfrak{s}\iota\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\psi_1(\Omega_\Omega)})$
-(5,2,1)(6,2,1)(7,1,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\psi_1(\Omega_{\psi_1(0)})})$
-(5,2,1)(6,2,1)(7,1,0)(8,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	//0
-(1,1,0)(2,2,1)(3,2,1)(4,2,0)	$\psi(\Omega_{\Omega_2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	//0 0 .)
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)(3,2,0)	$\psi(\Omega_{\Omega_2}+\Omega_2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)(3,3,1)	$\psi(\Omega_{\Omega_2} + \psi_2(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,2,0)	$\psi(\Omega_{\Omega_2} + \psi_2(\Omega_\Omega))$
-(2,2,0)(3,3,1)(4,3,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,2,0)	$\psi(\Omega_{\Omega_2} + \psi_2(\Omega_{\Omega_2}))$
-(2,2,0)(3,3,1)(4,3,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,2,0)(2,2,0)-	$\psi(\Omega_{\Omega_2}+\Omega_3)$
-(3,3,1)(4,3,1)(5,2,0)(3,3,0)(4,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)-	$\psi(\Omega_{\Omega_2}+\Omega_\omega)$
-(3,3,1)(4,3,1)(5,2,0)(3,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_{\Omega_2}\cdot 2)$
-(4,3,1)(5,2,0)(3,3,1)(4,3,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)-	$\psi({\Omega_{\Omega_2}}^2)$
-(3,3,1)(4,3,1)(5,2,0)(4,3,0)-	$\psi(\Omega_{\Omega_2})$
-(3,3,1)(4,3,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)-	$\psi(\psi_{\Omega_2}(0))$
-(3,3,1)(4,3,1)(5,2,0)(4,3,0)(5,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_{\Omega_2+1})$
-(4,3,1)(5,2,0)(4,3,0)(5,4,0)(6,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)(3,3,1)-	$\psi(\Omega_{\Omega_2+\omega})$
-(4,3,1)(5,2,0)(4,3,0)(5,4,1)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)-	(/0)
-(3,3,1)(4,3,1)(5,2,0)(4,3,0)-	$\psi(\Omega_{\Omega_2\cdot 2})$
-(5,4,1)(6,4,1)(7,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)-	$\psi(\Omega_{\Omega_2 \cdot \omega})$
-(3,3,1)(4,3,1)(5,2,0)(4,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)(3,3,1)	$\psi(\Omega_{\Omega_2{}^2})$
-(4,3,1)(5,2,0)(4,3,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)-	$\psi(\Omega_{\Omega_2\Omega_2})$
-(3,3,1)(4,3,1)(5,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)-	$\psi(\Omega_{\psi_2(0)})$
-(3,3,1)(4,3,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	
-(2,2,1)(3,2,1)(4,2,0)(2,2,0)-	//0
-(3,3,1)(4,3,1)(5,2,0)(6,3,1)	$\psi(\Omega_{\psi_2(\Omega_{\psi_2(0)})})$
-(7,3,1)(8,2,0)(9,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,2,0)-	$\psi(\Omega_{\Omega_3})$
-(2,2,0)(3,3,1)(4,3,1)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)	$\psi(\Omega_{\Omega_\omega})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{\Omega_{\omega}}+\Omega_{\omega})$
-(3,1,0)(1,1,1)(1,1,1)	$\varphi(\Box M_{\omega} + \Box \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{\omega}} + \psi_{\omega}(0))$
-(1,1,1)(2,1,0)(3,2,0)	$\varphi(\omega_{\Omega_{\omega}} + \varphi_{\omega}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{lpha}} + \psi_{\omega}(\Omega_{\Omega}))$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)	$\varphi \left(-2st_{\omega }+\varphi \omega \left(-2st\right) \right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{\omega}} + \psi_{\omega}(\Omega_{\Omega_{\omega}}))$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(1,1,1)	$\varphi(22\Omega_{\omega} + \varphi_{\omega}(22\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_{\omega}} + \Omega_{\omega+1})$
-(5,1,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(3,2,0)-	$\psi(\Omega_{\Omega_{\omega}} + \psi_{\omega+1}(\Omega_{\Omega_{\omega}}))$
-(4,3,1)(5,3,1)(6,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{c.}} + \Omega_{\omega \cdot 2})$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(3,2,1)	γ (21ω 13ω-2)

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\Omega_\omega}\cdot 2)$
-(3,2,1)(4,2,1)(5,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	//0 0)
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(4,1,0)	$\psi(\Omega_{\Omega_{\omega}}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_{\omega}}\cdot\Omega_{\omega})$
-(5,1,0)(4,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\Omega_\omega}\cdot\Omega_\omega+\Omega_{\Omega_\omega})$
-(4,1,0)(3,2,1)(4,2,1)(5,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(4,1,0)-	$\psi(\Omega_{\Omega_\omega}\cdot\Omega_\omega\cdot 2)$
-(3,2,1)(4,2,1)(5,1,0)(4,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_{\omega}}\cdot{\Omega_{\omega}}^2)$
-(5,1,0)(4,1,0)(4,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_\omega}\cdot\psi_\omega(0))$
-(5,1,0)(4,1,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{\omega}}\cdot\Omega_{\omega+1})$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(4,2,0)	ψ (32(t_{ω} 32 ω +1)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_{\omega}}\cdot\Omega_{\omega\cdot2})$
-(5,1,0)(4,2,0)(3,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_\omega}\cdot\Omega_{\omega^2})$
-(5,1,0)(4,2,0)(3,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(4,2,0)-	$\psi(\Omega_{\Omega_{\omega}}{}^2)$
-(3,2,1)(4,2,1)(5,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(4,2,0)-	$\psi(\Omega_{\Omega_{cc}}{}^3)$
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)-	τ (۵4ω /
-(3,2,1)(4,2,1)(5,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_{\omega}}{}^{\Omega_{\omega}})$
-(5,1,0)(4,2,0)(4,1,0)(1,1,1)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{\Omega_\omega}(0))$
-(5,1,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(4,2,0)-	$\psi(\psi_{\Omega_\omega}(\Omega_{\Omega_\omega}))$
-(5,3,1)(6,3,1)(7,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\Omega_\omega+1})$
-(4,2,0)(5,3,1)(6,3,1)(7,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{\Omega_{c},+1}(0))$
-(5,1,0)(4,2,0)(5,3,1)(6,3,1)-	$\psi(\psi_{\Omega_{\omega}+1}(0))$
-(7,2,0)(6,3,0)(7,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\psi_{\Omega_{m}\cdot 2}(0))$
-(4,2,0)(5,3,1)(6,3,1)(7,2,0)(6,3,0)-	$\psi(\psi\Omega_{\omega}.2(0))$
-(7,4,1)(8,4,1)(9,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\Omega_\omega\cdot\omega})$
-(4,2,1)(5,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_\omega\cdot\Omega})$
-(5,1,0)(4,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_^2})$
-(5,1,0)(4,2,1)(5,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_{\omega}\Omega_{\omega}})$
-(5,1,0)(5,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\psi_{*},(0)})$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(6,2,0)	$\varphi \left(- \cdot \varphi_{\omega}(0) \right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_\omega(\Omega_{\Omega_\omega})})$
-(6,2,1)(7,2,1)(8,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{\omega+1}})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\tau = -2 \omega + 1 J$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(\Omega_{\Omega_{\omega+2}})$
-(3,2,0)(4,3,1)(5,3,1)(6,3,0)	

BMS	Madore's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	((0,)
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(3,2,1)	$\psi(\Omega_{\Omega_{\omega\cdot 2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(3,2,1)	$\psi(\Omega_{\Omega_{\omega\cdot 3}})$
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(5,3,1)	
(0,0,0)(1,1,1)(2,1,1)-	r//(O)
-(3,1,0)(1,1,1)(2,1,1)	$\psi(\Omega_{\Omega_{\omega^2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	ah(O
-(1,1,1)(2,1,1)(2,1,1)	$\psi(\Omega_{\Omega_{\omega^3}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	ah(O)
-(1,1,1)(2,1,1)(3,0,0)	$\psi(\Omega_{\Omega_{\omega^\omega}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	ah(O
-(1,1,1)(2,1,1)(3,1,0)	$\psi(\Omega_{\Omega_\Omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	ah(O)
-(1,1,1)(2,1,1)(3,1,0)(1,1,1)	$\psi(\Omega_{\Omega_{\Omega_{\omega}}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	2/(0
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(\Omega_{\Omega_{\Omega_{\Omega}}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_I(0))$

A.9 BMS vs BOCF

本节的内容主要引自[2]。

BMS	Buchholz's OCF
(0)	$\psi(0)$
(0)(0)	$\psi(0)\cdot 2$
(0)(0)(0)	$\psi(0)\cdot 3$
(0)(1)	$\psi(1)$
(0)(1)(0)	$\psi(1) + \psi(0)$
(0)(1)(0)(1)	$\psi(1)\cdot 2$
(0)(1)(0)(1)(0)(1)	$\psi(1)\cdot 3$
(0)(1)(1)	$\psi(2)$
(0)(1)(1)(0)(1)	$\psi(2) + \psi(1)$
(0)(1)(1)(0)(1)(1)	$\psi(2)\cdot 2$

BMS	Buchholz's OCF
(0)(1)(1)(1)	$\psi(3)$
(0)(1)(1)(1)(1)	$\psi(4)$
(0)(1)(2)	$\psi(\psi(1))$
(0)(1)(2)(1)	$\psi(\psi(1) + \psi(0))$
(0)(1)(2)(1)(2)	$\psi(\psi(1)\cdot 2)$
(0)(1)(2)(2)	$\psi(\psi(2))$
(0)(1)(2)(2)(2)	$\psi(\psi(3))$
(0)(1)(2)(3)	$\psi(\psi(\psi(1)))$
(0)(1)(2)(3)(1)	$\psi(\psi(\psi(1)) + \psi(0))$
(0)(1)(2)(3)(2)	$\psi(\psi(\psi(1) + \psi(0)))$
(0)(1)(2)(3)(3)	$\psi(\psi(\psi(2)))$
(0)(1)(2)(3)(4)	$\psi(\psi(\psi(\psi(1))))$
(0,0)(1,1)	$\psi(\Omega)$
(0,0)(1,1)(0,0)	$\psi(\Omega) + 1$
(0,0)(1,1)(0,0)(1,1)	$\psi(\Omega)\cdot 2$
(0,0)(1,1)(1,0)	$\psi(\Omega+1)$
(0,0)(1,1)(1,0)(2,0)	$\psi(\Omega+\omega)$
(0,0)(1,1)(1,0)(2,1)	$\psi(\Omega + \psi(\Omega))$
(0,0)(1,1)(1,0)(2,1)(1,0)	$\psi(\Omega + \psi(\Omega) + 1)$
(0,0)(1,1)(1,0)(2,1)(2,0)	$\psi(\Omega + \psi(\Omega + 1))$
(0,0)(1,1)(1,0)(2,1)(2,0)(3,1)	$\psi(\Omega + \psi(\Omega + \psi(\Omega)))$
(0,0)(1,1)(1,1)	$\psi(\Omega \cdot 2)$
(0,0)(1,1)(1,1)(1,0)	$\psi(\Omega \cdot 2 + 1)$
(0,0)(1,1)(1,1)(1,0)(2,0)	$\psi(\Omega \cdot 2 + \omega)$
(0,0)(1,1)(1,1)(1,0)(2,1)	$\psi(\Omega \cdot 2 + \psi(\Omega))$
(0,0)(1,1)(1,1)(1,0)(2,1)(2,1)	$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2))$

BMS	Buchholz's OCF
(0,0)(1,1)(1,1)(1,0)(2,1)(2,1)(2,0)	$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + 1))$
(0,0)(1,1)(1,1)(1,0)- $-(2,1)(2,1)(2,0)(3,1)(3,1)$	$\psi(\Omega \cdot 2 + \psi(\Omega \cdot 2 + \psi(\Omega \cdot 2)))$
(0,0)(1,1)(1,1)(1,1)	$\psi(\Omega \cdot 3)$
(0,0)(1,1)(1,1)(1,1)(1,0)(2,1)(2,1)(2,1)	$\psi(\Omega \cdot 3 + \psi(\Omega \cdot 3))$
(0,0)(1,1)(1,1)(1,1)(1,1)	$\psi(\Omega \cdot 4)$
(0,0)(1,1)(1,1)(1,1)(1,1)(1,1)	$\psi(\Omega \cdot 5)$
(0,0)(1,1)(2,0)	$\psi(\Omega\cdot\omega)$
(0,0)(1,1)(2,0)(1,0)	$\psi(\Omega \cdot \omega + 1)$
(0,0)(1,1)(2,0)(1,0)(2,0)	$\psi(\Omega\cdot\omega+\omega)$
(0,0)(1,1)(2,0)(1,0)(2,1)	$\psi(\Omega \cdot \omega + \psi(\Omega))$
(0,0)(1,1)(2,0)(1,0)(2,1)(2,1)	$\psi(\Omega \cdot \omega + \psi(\Omega \cdot 2))$
(0,0)(1,1)(2,0)(1,0)(2,1)(3,0)	$\psi(\Omega \cdot \omega + \psi(\Omega \cdot \omega))$
(0,0)(1,1)(2,0)(1,0)(2,1)(3,0)(2,0)	$\psi(\Omega \cdot \omega + \psi(\Omega \cdot \omega + 1))$
(0,0)(1,1)(2,0)(1,0)- $-(2,1)(3,0)(2,0)(3,1)$	$\psi(\Omega \cdot \omega + \psi(\Omega \cdot \omega + \psi(\Omega)))$
(0,0)(1,1)(2,0)(1,1)	$\psi(\Omega\cdot(\omega+1))$
(0,0)(1,1)(2,0)(1,1)(1,0)	$\psi(\Omega \cdot (\omega + 1) + 1)$
(0,0)(1,1)(2,0)(1,1)(1,0)(2,1)	$\psi(\Omega \cdot (\omega + 1) + \psi(\Omega))$
(0,0)(1,1)(2,0)(1,1)- $-(1,0)(2,1)(3,0)(2,1)$	$\psi(\Omega \cdot (\omega + 1) + \psi(\Omega \cdot (\omega + 1)))$
(0,0)(1,1)(2,0)(1,1)(1,1)	$\psi(\Omega \cdot (\omega + 2))$
(0,0)(1,1)(2,0)(1,1)(1,1)(1,1)	$\psi(\Omega \cdot (\omega + 3))$
(0,0)(1,1)(2,0)(1,1)(2,0)	$\psi(\Omega\cdot(\omega\cdot 2))$
(0,0)(1,1)(2,0)(1,1)(2,0)(1,1)	$\psi(\Omega\cdot(\omega\cdot 2+1))$
(0,0)(1,1)(2,0)(1,1)(2,0)(1,1)(2,0)	$\psi(\Omega\cdot(\omega\cdot3))$
(0,0)(1,1)(2,0)(2,0)	$\psi(\Omega\cdot\omega^2)$
(0,0)(1,1)(2,0)(2,0)(1,1)	$\psi(\Omega \cdot (\omega^2 + 1))$

BMS	Buchholz's OCF
(0,0)(1,1)(2,0)(2,0)(1,1)(2,0)(2,0)	$\psi(\Omega\cdot\omega^2\cdot2)$
(0,0)(1,1)(2,0)(2,0)(2,0)	$\psi(\Omega\cdot\omega^3)$
(0,0)(1,1)(2,0)(3,0)	$\psi(\Omega\cdot\omega^\omega)$
(0,0)(1,1)(2,0)(3,0)(4,0)	$\psi(\Omega\cdot\omega^{\omega^{\omega}})$
(0,0)(1,1)(2,0)(3,1)	$\psi(\Omega\cdot\psi(\Omega))$
(0,0)(1,1)(2,0)(3,1)(3,1)	$\psi(\Omega\cdot\psi(\Omega\cdot2))$
(0,0)(1,1)(2,0)(3,1)(4,0)	$\psi(\Omega\cdot\psi(\Omega\cdot\omega))$
(0,0)(1,1)(2,0)(3,1)(4,0)(5,1)	$\psi(\Omega\cdot\psi(\Omega\cdot\psi(\Omega)))$
(0,0)(1,1)(2,1)	$\psi(\Omega^2)$
(0,0)(1,1)(2,1)(1,0)	$\psi(\Omega^2+1)$
(0,0)(1,1)(2,1)(1,0)(2,1)	$\psi(\Omega^2 + \psi(\Omega))$
(0,0)(1,1)(2,1)(1,0)(2,1)(3,1)	$\psi(\Omega^2 + \psi(\Omega^2))$
(0,0)(1,1)(2,1)(1,1)	$\psi(\Omega^2 + \Omega)$
(0,0)(1,1)(2,1)(1,1)(1,1)	$\psi(\Omega^2 + \Omega \cdot 2)$
(0,0)(1,1)(2,1)(1,1)(2,0)	$\psi(\Omega^2 + \Omega \cdot \omega)$
(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)	$\psi(\Omega^2 + \Omega \cdot \psi(\Omega))$
(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)(4,1)	$\psi(\Omega^2 + \Omega \cdot \psi(\Omega^2))$
(0,0)(1,1)(2,1)(1,1)(2,1)	$\psi(\Omega^2\cdot 2)$
(0,0)(1,1)(2,1)(1,1)(2,1)(1,1)	$\psi(\Omega^2 \cdot 2 + \Omega)$
(0,0)(1,1)(2,1)(1,1)(2,1)(1,1)(2,0)	$\psi(\Omega^2 \cdot 2 + \Omega \cdot \omega)$
(0,0)(1,1)(2,1)(1,1)(2,1)(1,1)(2,1)	$\psi(\Omega^2\cdot 3)$
(0,0)(1,1)(2,1)(2,0)	$\psi(\Omega^2\cdot\omega)$
(0,0)(1,1)(2,1)(2,0)(1,1)	$\psi(\Omega^2 \cdot \omega + \Omega)$
(0,0)(1,1)(2,1)(2,0)(1,1)(2,1)	$\psi(\Omega^2\cdot(\omega+1))$
(0,0)(1,1)(2,1)(2,0)(2,0)	$\psi(\Omega^2\cdot\omega\cdot2)$
(0,0)(1,1)(2,1)(2,0)(3,0)	$\psi(\Omega^2\cdot\omega^2)$

BMS	Buchholz's OCF
(0,0)(1,1)(2,1)(2,0)(3,0)(4,0)	$\psi(\Omega^2\cdot\omega^\omega)$
(0,0)(1,1)(2,1)(2,0)(3,1)	$\psi(\Omega^2 \cdot \psi(\Omega))$
(0,0)(1,1)(2,1)(2,0)(3,1)(3,1)	$\psi(\Omega^2 \cdot \psi(\Omega \cdot 2))$
(0,0)(1,1)(2,1)(2,0)(3,1)(4,1)	$\psi(\Omega^2 \cdot \psi(\Omega^2))$
(0,0)(1,1)(2,1)(2,0)(3,1)(4,1)(4,0)	$\psi(\Omega^2 \cdot \psi(\Omega^2 \cdot \omega))$
(0,0)(1,1)(2,1)(2,1)	$\psi(\Omega^3)$
(0,0)(1,1)(2,1)(2,1)(1,0)	$\psi(\Omega^3+1)$
(0,0)(1,1)(2,1)(2,1)(1,0)(2,1)	$\psi(\Omega^3 + \psi(\Omega))$
(0,0)(1,1)(2,1)(2,1)- $-(1,0)(2,1)(3,1)(3,1)$	$\psi(\Omega^3 + \psi(\Omega^3))$
(0,0)(1,1)(2,1)(2,1)(1,1)	$\psi(\Omega^3 + \Omega)$
(0,0)(1,1)(2,1)(2,1)(1,1)(1,1)	$\psi(\Omega^3 + \Omega \cdot 2)$
(0,0)(1,1)(2,1)(2,1)(1,1)(2,0)	$\psi(\Omega^3 + \Omega \cdot \omega)$
(0,0)(1,1)(2,1)(2,1)(1,1)(2,0)(3,1)	$\psi(\Omega^3 + \Omega \cdot \psi(\Omega))$
(0,0)(1,1)(2,1)(2,1)(1,1)- $-(2,0)(3,1)(4,1)(4,1)$	$\psi(\Omega^3 + \Omega \cdot \psi(\Omega^3))$
(0,0)(1,1)(2,1)(2,1)(1,1)(2,1)	$\psi(\Omega^3 + \Omega^2)$
(0,0)(1,1)(2,1)(2,1)(1,1)(2,1)(2,1)	$\psi(\Omega^3 \cdot 2)$
(0,0)(1,1)(2,1)(2,1)(2,0)	$\psi(\Omega^3\cdot\omega)$
(0,0)(1,1)(2,1)(2,1)- $-(2,0)(1,1)(2,1)(2,1)$	$\psi(\Omega^3 \cdot (\omega + 1))$
(0,0)(1,1)(2,1)(2,1)(2,0)(2,0)	$\psi(\Omega^3\cdot\omega\cdot 2)$
(0,0)(1,1)(2,1)(2,1)(2,0)(3,0)	$\psi(\Omega^3\cdot\omega^2)$
(0,0)(1,1)(2,1)(2,1)(2,0)(3,1)	$\psi(\Omega^3\cdot\psi(\Omega))$
(0,0)(1,1)(2,1)(2,1)- $-(2,0)(3,1)(4,1)(4,1)$	$\psi(\Omega^3 \cdot \psi(\Omega^3))$
(0,0)(1,1)(2,1)(2,1)(2,1)	$\psi(\Omega^4)$
(0,0)(1,1)(2,1)(2,1)(2,1)(1,1)	$\psi(\Omega^4+\Omega)$
(0,0)(1,1)(2,1)(2,1)(2,1)(2,0)	$\psi(\Omega^4 \cdot \omega)$

BMS	Buchholz's OCF
(0,0)(1,1)(2,1)(2,1)(2,1)(2,1)	$\psi(\Omega^5)$
(0,0)(1,1)(2,1)(3,0)	$\psi(\Omega^\omega)$
(0,0)(1,1)(2,1)(3,0)(1,0)	$\psi(\Omega^{\omega}+1)$
(0,0)(1,1)(2,1)(3,0)(1,0)(2,0)	$\psi(\Omega^\omega + \omega)$
(0,0)(1,1)(2,1)(3,0)(1,0)(2,1)	$\psi(\Omega^{\omega} + \psi(\Omega))$
(0,0)(1,1)(2,1)(3,0)(1,0)(2,1)(3,1)	$\psi(\Omega^\omega + \psi(\Omega^2))$
(0,0)(1,1)(2,1)(3,0)- $-(1,0)(2,1)(3,1)(4,0)$	$\psi(\Omega^{\omega} + \psi(\Omega^2))$
(0,0)(1,1)(2,1)(3,0)(1,1)	$\psi(\Omega^\omega+\Omega)$
(0,0)(1,1)(2,1)(3,0)(1,1)(1,1)	$\psi(\Omega^\omega + \Omega \cdot 2)$
(0,0)(1,1)(2,1)(3,0)(1,1)(2,0)	$\psi(\Omega^\omega + \Omega \cdot \omega)$
(0,0)(1,1)(2,1)(3,0)(1,1)(2,0)(3,1)	$\psi(\Omega^\omega + \Omega \cdot \psi(\Omega))$
(0,0)(1,1)(2,1)(3,0)(1,1)(2,1)	$\psi(\Omega^{\omega} + \Omega^2)$
(0,0)(1,1)(2,1)(3,0)(1,1)(2,1)(3,0)	$\psi(\Omega^{\omega}\cdot 2)$
(0,0)(1,1)(2,1)(3,0)(2,0)	$\psi(\Omega^\omega \cdot \omega)$
(0,0)(1,1)(2,1)(3,0)(2,0)(3,1)	$\psi(\Omega^\omega\cdot\psi(\Omega))$
(0,0)(1,1)(2,1)(3,0)(2,1)	$\psi(\Omega^{\omega+1})$
(0,0)(1,1)(2,1)(3,0)(2,1)(2,0)	$\psi(\Omega^{\omega+1}\cdot\omega)$
(0,0)(1,1)(2,1)(3,0)(2,1)(2,1)	$\psi(\Omega^{\omega+2})$
(0,0)(1,1)(2,1)(3,0)(2,1)(3,0)	$\psi(\Omega^{\omega\cdot 2})$
(0,0)(1,1)(2,1)(3,0)(2,1)(3,0)(2,1)	$\psi(\Omega^{\omega\cdot 2+1})$
(0,0)(1,1)(2,1)(3,0)(3,0)	$\psi(\Omega^{\omega\cdot 3})$
(0,0)(1,1)(2,1)(3,0)(4,0)	$\psi(\Omega^{\omega^2})$
(0,0)(1,1)(2,1)(3,0)(4,1)	$\psi(\Omega^{\psi(\Omega)})$
(0,0)(1,1)(2,1)(3,0)(4,1)(5,1)	$\psi(\Omega^{\psi(\Omega^2)})$
(0,0)(1,1)(2,1)(3,0)(4,1)(5,1)(6,0)	$\psi(\Omega^{\psi(\Omega^\omega)})$
(0,0)(1,1)(2,1)(3,0)- $-(4,1)(5,1)(6,0)(7,1)(8,1)$	$\psi(\Omega^{\psi(\Omega^{\psi(\Omega^\omega)})})$

BMS	Buchholz's OCF
(0,0)(1,1)(2,1)(3,1)	$\psi(\Omega^\Omega)$
(0,0)(1,1)(2,1)(3,1)(1,0)	$\psi(\Omega^{\Omega}+1)$
(0,0)(1,1)(2,1)(3,1)(1,0)(2,0)	$\psi(\Omega^\Omega + \omega)$
(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)	$\psi(\Omega^{\Omega} + \psi(\Omega))$
(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)(3,1)	$\psi(\Omega^{\Omega} + \psi(\Omega^2))$
(0,0)(1,1)(2,1)(3,1)- $-(1,0)(2,1)(3,1)(4,0)$	$\psi(\Omega^{\Omega} + \psi(\Omega^2))$
(0,0)(1,1)(2,1)(3,1)- $-(1,0)(2,1)(3,1)(4,1)$	$\psi(\Omega^\Omega + \psi(\Omega^\Omega))$
(0,0)(1,1)(2,1)(3,1)- $-(1,0)(2,1)(3,1)(4,1)(2,0)$	$\psi(\Omega^{\Omega} + \psi(\Omega^{\Omega} + 1))$
(0,0)(1,1)(2,1)(3,1)(1,0) - $(2,1)(3,1)(4,1)(2,0)(3,1)$	$\psi(\Omega^{\Omega} + \psi(\Omega^{\Omega} + \psi(\Omega)))$
(0,0)(1,1)(2,1)(3,1)(1,0)- $-(2,1)(3,1)(4,1)(2,0)(3,1)(4,1)$	$\psi(\Omega^{\Omega} + \psi(\Omega^{\Omega} + \psi(\Omega^{2})))$
(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)- $-(3,1)(4,1)(2,0)(3,1)(4,1)(5,0)$	$\psi(\Omega^{\Omega} + \psi(\Omega^{\Omega} + \psi(\Omega^{\omega})))$
(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)- $-(3,1)(4,1)(2,0)(3,1)(4,1)(5,1)$	$\psi(\Omega^{\Omega} + \psi(\Omega^{\Omega} + \psi(\Omega^{\Omega})))$
(0,0)(1,1)(2,1)(3,1)(1,1)	$\psi(\Omega^\Omega+\Omega)$
(0,0)(1,1)(2,1)(3,1)(1,1)(1,0)	$\psi(\Omega^{\Omega} + \Omega + 1)$
(0,0)(1,1)(2,1)(3,1)(1,1)(1,0)(2,1)	$\psi(\Omega^{\Omega} + \Omega + \psi(\Omega))$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(1,0)(2,1)(3,1)(4,1)$	$\psi(\Omega^{\Omega} + \Omega + \psi(\Omega^{\Omega}))$
(0,0)(1,1)(2,1)(3,1)(1,1)(1,1)	$\psi(\Omega^{\Omega} + \Omega \cdot 2)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,0)	$\psi(\Omega^{\Omega} + \Omega \cdot \omega)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,0)(3,1)	$\psi(\Omega^{\Omega} + \Omega \cdot \psi(\Omega))$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,0)(3,1)(4,1)(5,1)$	$\psi(\Omega^{\Omega} + \Omega \cdot \psi(\Omega^{\Omega}))$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)	$\psi(\Omega^{\Omega} + \Omega^2)$
(0,0)(1,1)(2,1)(3,1) $-(1,1)(2,1)(1,0)(2,1)$	$\psi(\Omega^{\Omega} + \Omega^2 + \psi(\Omega))$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(1,0)(2,1)(3,1)(4,1)$	$\psi(\Omega^{\Omega} + \Omega^2 + \psi(\Omega^{\Omega}))$

BMS	Buchholz's OCF
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(1,1)	$\psi(\Omega^{\Omega} + \Omega^2 + \Omega)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(1,1)(1,1)$	$\psi(\Omega^{\Omega} + \Omega^2 + \Omega \cdot 2)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(1,1)(2,1)$	$\psi(\Omega^{\Omega} + \Omega^2 \cdot 2)$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(1,1)(2,1)(1,1)(2,1)$	$\psi(\Omega^{\Omega} + \Omega^2 \cdot 3)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(2,0)	$\psi(\Omega^\Omega + \Omega^2 \cdot \omega)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(2,0)(3,1)$	$\psi(\Omega^{\Omega} + \Omega^2 \cdot \psi(\Omega))$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(2,0)(3,1)(4,1)(5,1)$	$\psi(\Omega^{\Omega} + \Omega^2 \cdot \psi(\Omega^{\Omega}))$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(2,1)	$\psi(\Omega^\Omega+\Omega^3)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(2,1)(1,1)$	$\psi(\Omega^{\Omega} + \Omega^3 + \Omega)$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(2,1)(1,1)(2,1)(2,1)$	$\psi(\Omega^{\Omega} + \Omega^3 \cdot 2)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(2,1)(2,0)$	$\psi(\Omega^{\Omega} + \Omega^3 \cdot \omega)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(2,1)(2,1)$	$\psi(\Omega^{\Omega}+\Omega^4)$
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0)	$\psi(\Omega^{\Omega}+\Omega^{\omega})$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(3,0)(1,1)(2,1)(3,0)$	$\psi(\Omega^{\Omega} + \Omega^{\omega} \cdot 2)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(3,0)(2,0)$	$\psi(\Omega^\Omega + \Omega^\omega \cdot \omega)$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(3,0)(2,1)$	$\psi(\Omega^{\Omega}+\Omega^{\omega+1})$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(3,0)(2,1)(3,0)$	$\psi(\Omega^\Omega + \Omega^{\omega \cdot 2})$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(3,0)(3,0)$	$\psi(\Omega^{\Omega}+\Omega^{\omega^2})$
(0,0)(1,1)(2,1)(3,1)- $-(1,1)(2,1)(3,0)(4,1)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega)})$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(3,0)(4,1)(5,1)(6,1)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})$
(0,0)(1,1)(2,1)(3,1)(1,1)- $-(2,1)(3,0)(4,1)(5,1)(6,1)(2,0)$	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})} \cdot \omega)$

BMS	Buchholz's OCF
(0,0)(1,1)(2,1)(3,1)(1,1)-	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})+1})$
-(2,1)(3,0)(4,1)(5,1)(6,1)(2,1)	₇ (' ')
(0,0)(1,1)(2,1)(3,1)(1,1)-	$\psi(\Omega^\Omega + \Omega^{\psi(\Omega^\Omega) + \omega})$
-(2,1)(3,0)(4,1)(5,1)(6,1)(3,0)	φ(σσ σσ)
(0,0)(1,1)(2,1)(3,1)(1,1)-	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) \cdot \omega})$
-(2,1)(3,0)(4,1)(5,1)(6,1)(4,0)	φ(====================================
(0,0)(1,1)(2,1)(3,1)(1,1)-	$\psi(\Omega^\Omega + \Omega^{\psi(\Omega^\Omega + \Omega)})$
-(2,1)(3,0)(4,1)(5,1)(6,1)(4,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)-	ο ((Ω))
-(3,0)(4,1)(5,1)(6,1)(4,1)-	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega})})})$
-(5,1)(6,0)(7,1)(8,1)(9,1)	
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)-	0 (08)11
-(3,0)(4,1)(5,1)(6,1)(4,1)(5,1)-	$\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega} + \Omega^{\psi(\Omega^{\Omega}) + 1})})$
-(6,0)(7,1)(8,1)(9,1)(5,1)	
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,1)	$\psi(\Omega^\Omega\cdot 2)$
(0,0)(1,1)(2,1)(3,1)-	$\psi(\Omega^{\Omega} \cdot 2 + \Omega)$
-(1,1)(2,1)(3,1)(1,1)	$\psi(\mathfrak{U} + \mathfrak{U} + \mathfrak{U})$
(0,0)(1,1)(2,1)(3,1)(1,1)-	$\psi(\Omega^\Omega \cdot 2 + \Omega^2)$
-(2,1)(3,1)(1,1)(2,1)	$\psi(\mathfrak{z}\iota + \mathfrak{z}+\mathfrak{z}\iota)$
(0,0)(1,1)(2,1)(3,1)(1,1)-	$\psi(\Omega^{\Omega} \cdot 2 + \Omega^3)$
-(2,1)(3,1)(1,1)(2,1)(2,1)	φ(35 2 35)
(0,0)(1,1)(2,1)(3,1)(1,1)-	$\psi(\Omega^\Omega\cdot 3)$
-(2,1)(3,1)(1,1)(2,1)(3,1)	φ(ευ σ)
(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)-	$\psi(\Omega^\Omega\cdot 4)$
-(3,1)(1,1)(2,1)(3,1)(1,1)(2,1)(3,1)	Ψ(02 1)
(0,0)(1,1)(2,1)(3,1)(2,0)	$\psi(\Omega^\Omega\cdot\omega)$
(0,0)(1,1)(2,1)(3,1)(2,0)(3,1)	$\psi(\Omega^\Omega\cdot\psi(\Omega))$
(0,0)(1,1)(2,1)(3,1)(2,0)(3,1)(4,1)	$\psi(\Omega^\Omega \cdot \psi(\Omega^2))$
(0,0)(1,1)(2,1)(3,1)-	1/00 1/00
-(2,0)(3,1)(4,1)(5,1)	$\psi(\Omega^\Omega \cdot \psi(\Omega^\Omega))$
(0,0)(1,1)(2,1)(3,1)(2,0)(3,1)-	1/00 1/00 1/00
-(4,1)(5,1)(4,0)(5,1)(6,1)(7,1)	$\psi(\Omega^{\Omega} \cdot \psi(\Omega^{\Omega} \cdot \psi(\Omega^{\Omega})))$
(0,0)(1,1)(2,1)(3,1)(2,1)	$\psi(\Omega^{\omega+1})$
(0,0)(1,1)(2,1)(3,1)(2,1)(1,1)	$\psi(\Omega^{\omega+1}+\Omega)$
(0,0)(1,1)(2,1)(3,1)-	$\psi(\Omega^{\omega+1} + \Omega^{\Omega})$
-(2,1)(1,1)(2,1)(3,1)	

BMS	Buchholz's OCF
(0,0)(1,1)(2,1)(3,1)(2,1)- $-(1,1)(2,1)(3,1)(2,1)$	$\psi(\Omega^{\omega+1}\cdot 2)$
(0,0)(1,1)(2,1)(3,1)(2,1)(2,0)	$\psi(\Omega^{\omega+1}\cdot\omega)$
(0,0)(1,1)(2,1)(3,1)(2,1)(2,0)(3,1)	$\psi(\Omega^{\omega+1}\cdot\psi(\Omega))$
(0,0)(1,1)(2,1)(3,1)- $-(2,1)(2,0)(3,1)(4,1)(5,1)$	$\psi(\Omega^{\omega+1}\cdot\psi(\Omega^{\Omega}))$
(0,0)(1,1)(2,1)(3,1)(2,1)(2,1)	$\psi(\Omega^{\omega+2})$
(0,0)(1,1)(2,1)(3,1)(2,1)(3,0)	$\psi(\Omega^{\Omega+\omega})$
(0,0)(1,1)(2,1)(3,1)(2,1)(3,0)(4,1)	$\psi(\Omega^{\Omega+\psi(\Omega)})$
(0,0)(1,1)(2,1)(3,1)(2,1)(3,1)	$\psi(\Omega^{\omega \cdot 2})$
(0,0)(1,1)(2,1)(3,1)- $-(2,1)(3,1)(2,1)(3,1)$	$\psi(\Omega^{\omega \cdot 3})$
(0,0)(1,1)(2,1)(3,1)(3,0)	$\psi(\Omega^{\Omega\cdot\omega})$
(0,0)(1,1)(2,1)(3,1)(3,0)(4,1)	$\psi(\Omega^{\Omega\cdot\psi(\Omega)})$
(0,0)(1,1)(2,1)(3,1)(3,1)	$\psi(\Omega^{\Omega^2})$
(0,0)(1,1)(2,1)(3,1)(3,1)(1,1)	$\psi(\Omega^{\Omega^2} + \Omega)$
(0,0)(1,1)(2,1)(3,1)(3,1)- $-(1,1)(2,1)(3,0)(4,1)(5,1)(6,1)(6,1)$	$\psi(\Omega^{\Omega^2} + \Omega^{\psi(\Omega^{\Omega^2})})$
(0,0)(1,1)(2,1)(3,1)- $-(3,1)(1,1)(2,1)(3,1)$	$\psi(\Omega^{\Omega^2}+\Omega^\Omega)$
(0,0)(1,1)(2,1)(3,1)(3,1)(1,1)- $-(2,1)(3,1)(3,0)(4,1)(5,1)(6,1)(6,1)$	$\psi(\Omega^{\Omega^2} + \Omega^{\Omega \cdot \psi(\Omega^{\Omega^2})})$
(0,0)(1,1)(2,1)(3,1)(3,1)- $-(1,1)(2,1)(3,1)(3,1)$	$\psi(\Omega^{\Omega^2}\cdot 2)$
(0,0)(1,1)(2,1)(3,1)(3,1)- $-(2,0)(3,1)(4,1)(5,1)(5,1)$	$\psi(\Omega^{\Omega^2} \cdot \psi(\Omega^{\Omega^2}))$
(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)	$\psi(\Omega^{\Omega^2+1})$
(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)(3,1)	$\psi(\Omega^{\Omega^2+\Omega})$
(0,0)(1,1)(2,1)(3,1)(3,1)- $-(2,1)(3,1)(4,0)(5,1)(6,1)(7,1)(7,1)$	$\psi(\Omega^{\Omega^2+\Omega\cdot\psi(\Omega^{\Omega^2})})$
(0,0)(1,1)(2,1)(3,1)-(3,1)(2,1)(3,1)(3,1)	$\psi(\Omega^{\Omega^2 \cdot 2})$
(0,0)(1,1)(2,1)(3,1)(3,1)(3,0)	$\psi(\Omega^{\Omega^2 \cdot \omega})$

BMS	Buchholz's OCF
(0,0)(1,1)(2,1)(3,1)(3,1)- $-(3,0)(4,1)(5,1)(6,1)(6,1)$	$\psi(\Omega^{\Omega^2 \cdot \psi(\Omega^{\Omega^2})})$
(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)	$\psi(\Omega^{\Omega^3})$
(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)(3,1)	$\psi(\Omega^{\Omega^4})$
(0,0)(1,1)(2,1)(3,1)(4,0)	$\psi(\Omega^{\Omega^{\omega}})$
(0,0)(1,1)(2,1)(3,1)(4,0)(1,1)	$\psi(\Omega^{\Omega^{\omega}}+\Omega)$
(0,0)(1,1)(2,1)(3,1)(4,0)(1,1)(2,1)	$\psi(\Omega^{\Omega^\omega}+\Omega^2)$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(1,1)(2,1)(2,1)$	$\psi(\Omega^{\Omega^\omega}+\Omega^3)$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(1,1)(2,1)(3,0)$	$\psi(\Omega^{\Omega^{\omega}} + \Omega^{\omega})$
(0,0)(1,1)(2,1)(3,1)(4,0)- $-(1,1)(2,1)(3,0)(4,1)(5,1)(6,1)(7,0)$	$\psi(\Omega^{\Omega^{\omega}} + \Omega^{\psi(\Omega^{\Omega^{\omega}})})$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(1,1)(2,1)(3,1)$	$\psi(\Omega^{\Omega^{\omega}}+\Omega^{\Omega})$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(1,1)(2,1)(3,1)(4,0)$	$\psi(\Omega^{\Omega^\omega}\cdot 2)$
(0,0)(1,1)(2,1)(3,1)(4,0)(2,0)	$\psi(\Omega^{\Omega^\omega}\cdot\omega)$
(0,0)(1,1)(2,1)(3,1)(4,0)(2,1)	$\psi(\Omega^{\Omega^{\omega}+1})$
(0,0)(1,1)(2,1)(3,1)(4,0)(2,1)(3,0)	$\psi(\Omega^{\Omega^\omega+\omega})$
(0,0)(1,1)(2,1)(3,1)(4,0)(2,1)(3,1)	$\psi(\Omega^{\Omega^\omega+\Omega})$
(0,0)(1,1)(2,1)(3,1)(4,0)- $-(2,1)(3,1)(3,0)(4,1)(5,1)(6,1)(7,0)$	$\psi(\Omega^{\Omega^{\omega} + \Omega \cdot \psi(\Omega^{\Omega^{\omega}})})$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(2,1)(3,1)(3,1)$	$\psi(\Omega^{\Omega^\omega+\Omega^2})$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(2,1)(3,1)(4,0)$	$\psi(\Omega^{\Omega^{\omega}\cdot 2})$
(0,0)(1,1)(2,1)(3,1)(4,0)(3,0)	$\psi(\Omega^{\Omega^{\omega}\cdot\omega})$
(0,0)(1,1)(2,1)(3,1)(4,0)- $-(3,0)(4,1)(5,1)(6,1)(7,0)$	$\psi(\Omega^{\Omega^{\omega}\cdot\psi(\Omega^{\Omega^{\omega}})})$
(0,0)(1,1)(2,1)(3,1)(4,0)(3,1)	$\psi(\Omega^{\Omega^{\omega+1}})$
(0,0)(1,1)(2,1)(3,1)(4,0)(3,1)(3,1)	$\psi(\Omega^{\Omega^{\omega+2}})$
(0,0)(1,1)(2,1)(3,1)(4,0)(3,1)(4,0)	$\psi(\Omega^{\Omega^{\omega \cdot 2}})$

BMS	Buchholz's OCF
(0,0)(1,1)(2,1)(3,1)(4,0)(4,0)	$\psi(\Omega^{\Omega^{\omega^2}})$
(0,0)(1,1)(2,1)(3,1)(4,0)(5,0)	$\psi(\Omega^{\Omega^{\omega^\omega}})$
(0,0)(1,1)(2,1)(3,1)(4,0)(5,1)	$\psi(\Omega^{\Omega^{\psi(\Omega)}})$
(0,0)(1,1)(2,1)(3,1)- $-(4,0)(5,1)(6,1)(7,1)$	$\psi(\Omega^{\Omega^{\psi(\Omega^{\Omega})}})$
(0,0)(1,1)(2,1)(3,1)(4,0) - (5,1)(6,1)(7,1)(8,0)	$\psi(\Omega^{\Omega^{\psi}(\Omega^{\Omega^{\omega}})})$
(0,0)(1,1)(2,1)(3,1)(4,0)(5,1)(6,1)- $-(7,1)(8,0)(9,1)(11,1)(12,1)(13)$	$\psi(\Omega^{\Omega^{\psi(\Omega^{\Omega^{\psi}(\Omega^{\Omega^{\omega}})})}})$
(0,0)(1,1)(2,1)(3,1)(4,1)	$\psi(\Omega^{\Omega^\Omega})$
(0,0)(1,1)(2,1)(3,1)(4,1)(1,1)	$\psi(\Omega^{\Omega^{\Omega}} + \Omega)$
(0,0)(1,1)(2,1)(3,1)(4,1)(1,1)- $-(2,1)(3,0)(4,1)(5,1)(6,1)(7,1)$	$\psi(\Omega^{\Omega^{\Omega}} + \Omega^{\psi(\Omega^{\Omega^{\Omega}})})$
(0,0)(1,1)(2,1)(3,1)(4,1)(1,1)(2,1)(3,1)	$\psi(\Omega^{\Omega^\Omega}+\Omega^\Omega)$
(0,0)(1,1)(2,1)(3,1)(4,1)(1,1)(2,1)(3,1)(4,0)	$\psi(\Omega^{\Omega^{\Omega}} + \Omega^{\Omega^{\omega}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(1,1)- $-(2,1)(3,1)(4,0)(5,1)(6,1)(7,1)(8,1)$	$\psi(\Omega^{\Omega^{\Omega}} + \Omega^{\Omega^{\psi(\Omega^{\Omega^{\Omega}})}})$
(0,0)(1,1)(2,1)(3,1)(4,1) - (1,1)(2,1)(3,1)(4,1)	$\psi(\Omega^{\Omega^{\Omega}}\cdot 2)$
(0,0)(1,1)(2,1)(3,1)(4,1)(2,0)	$\psi(\Omega^{\Omega^\Omega}\cdot\omega)$
(0,0)(1,1)(2,1)(3,1)(4,1)(2,1)	$\psi(\Omega^{\Omega^\Omega+1})$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(2,1)(3,1)(4,1)$	$\psi(\Omega^{\Omega^\Omega \cdot 2})$
(0,0)(1,1)(2,1)(3,1)(4,1)(3,0)	$\psi(\Omega^{\Omega^\Omega\cdot\omega})$
(0,0)(1,1)(2,1)(3,1)(4,1)- $-(3,0)(4,1)(5,1)(6,1)(7,1)$	$\psi(\Omega^{\Omega^{\Omega\cdot\psi(\Omega^{\Omega^{\Omega}})}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(3,1)	$\psi(\Omega^{\Omega^{\omega+1}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(3,1)(4,0)	$\psi(\Omega^{\Omega^{\Omega+\omega}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(3,1)(4,1)	$\psi(\Omega^{\Omega^{\omega \cdot 2}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(4,0)	$\psi(\Omega^{\Omega^{\Omega \cdot \omega}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(4,1)	$\psi(\Omega^{\Omega^{\Omega^2}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(4,1)(4,1)	$\psi(\Omega^{\Omega^{\Omega^3}})$

BMS	Buchholz's OCF
(0,0)(1,1)(2,1)(3,1)(4,1)(5,0)	$\psi(\Omega^{\Omega^{\Omega^{\omega}}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(5,0)(6,1)	$\psi(\Omega^{\Omega^{\Omega^{\psi(\Omega)}}})$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(5,0)(6,1)(7,1)$	$\psi(\Omega^{\Omega^{\Omega^{\psi}(\Omega^{\Omega})}})$
(0,0)(1,1)(2,1)(3,1)(4,1)- $-(5,0)(6,1)(7,1)(8,1)$	$\psi(\Omega^{\Omega^{\Omega^{\psi}(\Omega^{\Omega^{\Omega}})}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)	$\psi(\Omega^{\Omega^{\Omega^{\Omega}}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)(6,0)	$\psi(\Omega^{\Omega^{\Omega^{\Omega^{\omega}}}})$
(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)(6,1)	$\psi(\Omega^{\Omega^{\Omega^{\Omega^{\Omega}}}})$
(0,0)(1,1)(2,1)(3,1)- $-(4,1)(5,1)(6,1)(7,1)$	$\psi(\Omega^{\Omega^{\Omega^{\Omega^{\Omega^{\Omega}}}}})$
(0,0)(1,1)(2,2)	$\psi(\Omega_2)$
(0,0)(1,1)(2,2)(1,0)	$\psi(\Omega_2+1)$
(0,0)(1,1)(2,2)(1,0)(2,1)	$\psi(\Omega_2 + \psi(\Omega))$
(0,0)(1,1)(2,2)(1,0)(2,1)(3,1)	$\psi(\Omega_2 + \psi(\Omega^2))$
(0,0)(1,1)(2,2)(1,0)(2,1)(3,2)	$\psi(\Omega_2 + \psi(\Omega_2))$
(0,0)(1,1)(2,2)(1,0)(2,1)- $-(3,2)(2,0)(3,1)(4,2)$	$\psi(\Omega_2 + \psi(\Omega_2 + \psi(\Omega_2)))$
(0,0)(1,1)(2,2)(1,1)	$\psi(\Omega_2 + \Omega)$
(0,0)(1,1)(2,2)(1,1)(2,1)	$\psi(\Omega_2+\Omega^2)$
(0,0)(1,1)(2,2)(1,1)- $-(2,1)(3,0)(4,1)(5,2)$	$\psi(\Omega_2 + \Omega^{\psi}(\Omega_2))$
(0,0)(1,1)(2,2)(1,1)(2,1)(3,1)	$\psi(\Omega_2 + \Omega^\Omega)$
(0,0)(1,1)(2,2)(1,1)(2,2)	$\psi(\Omega_2 + \psi_1(\Omega_2))$
(0,0)(1,1)(2,2)(1,1)(2,2)(1,1)	$\psi(\Omega_2 + \psi_1(\Omega_2) + \Omega)$
(0,0)(1,1)(2,2)(1,1)(2,2)(1,1)(2,2)	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot 2)$
(0,0)(1,1)(2,2)(2,0)	$\psi(\Omega_2 + \psi_1(\Omega_2 + 1))$
(0,0)(1,1)(2,2)(2,0)(3,1)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi(\Omega)))$
(0,0)(1,1)(2,2)(2,0)(3,1)(4,2)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi(\Omega_2)))$
(0,0)(1,1)(2,2)(2,1)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \Omega))$

BMS	Buchholz's OCF
(0,0)(1,1)(2,2)(2,1)(3,0)(4,1)(5,2)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \Omega^2))$
(0,0)(1,1)(2,2)(2,1)- $-(3,0)(4,1)(5,2)(4,1)(5,2)$	$\psi(\Omega_2 + \psi_1(\Omega_2 + \Omega^{\psi}(\Omega_2 + \psi_1(\Omega_2)))$
(0,0)(1,1)(2,2)(2,1)(3,1)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \Omega^{\Omega}))$
(0,0)(1,1)(2,2)(2,1)(3,2)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2)))$
(0,0)(1,1)(2,2)(2,1)(3,2)(1,0)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2)) + 1)$
(0,0)(1,1)(2,2)(2,1)(3,2)(2,0)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2) + 1))$
(0,0)(1,1)(2,2)(2,1)(3,2)(3,0)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2 + 1)))$
(0,0)(1,1)(2,2)(2,1)(3,2)(3,1)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2 + \Omega)))$
(0,0)(1,1)(2,2)(2,1)(3,2)(3,1)(4,2)	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2))))$
(0,0)(1,1)(2,2)(2,2)	$\psi(\Omega_2 \cdot 2)$
(0,0)(1,1)(2,2)(2,2)(1,1)(2,2)	$\psi(\Omega_2 \cdot 2 + \psi_1(\Omega_2))$
(0,0)(1,1)(2,2)(2,2)(1,1)(2,2)(2,2)	$\psi(\Omega_2 \cdot 2 + \psi_1(\Omega_2 \cdot 2))$
(0,0)(1,1)(2,2)(2,2)(2,0)	$\psi(\Omega_2 \cdot 2 + \psi_1(\Omega_2 \cdot 2 + 1))$
(0,0)(1,1)(2,2)(2,2)(2,1)	$\psi(\Omega_2 \cdot 2 + \psi_1(\Omega_2 \cdot 2 + \Omega))$
(0,0)(1,1)(2,2)(2,2)(2,2)	$\psi(\Omega_2 \cdot 3)$
(0,0)(1,1)(2,2)(3,0)	$\psi(\Omega_2\cdot\omega)$
(0,0)(1,1)(2,2)(3,0)(4,1)	$\psi(\Omega_2\cdot\psi(\Omega))$
(0,0)(1,1)(2,2)(3,0)(4,1)(5,1)	$\psi(\Omega_2\cdot\psi(\Omega^2))$
(0,0)(1,1)(2,2)(3,0)(4,1)(5,2)	$\psi(\Omega_2\cdot\psi(\Omega_2))$
(0,0)(1,1)(2,2)(3,1)	$\psi(\Omega_2\cdot\Omega)$
(0,0)(1,1)(2,2)(3,1)(4,2)	$\psi(\Omega_2\cdot\psi_1(\Omega_2))$
(0,0)(1,1)(2,2)(3,2)	$\psi({\Omega_2}^2)$
(0,0)(1,1)(2,2)(3,2)(2,2)	$\psi(\Omega_2{}^2 + \Omega_2)$
(0,0)(1,1)(2,2)(3,2)(2,2)(3,1)	$\psi(\Omega_2{}^2 + \Omega_2 \cdot \Omega)$
(0,0)(1,1)(2,2)(3,2) - (2,2)(3,1)(4,2)(5,2)	$\psi(\Omega_2^2 + \Omega_2 \cdot \psi_1(\Omega_2^2))$
(0,0)(1,1)(2,2)(3,2)(2,2)(3,2)	$\psi(\Omega_2^2 \cdot 2)$

BMS	Buchholz's OCF
(0,0)(1,1)(2,2)(3,2)(3,0)	$\psi({\Omega_2}^2\cdot\omega)$
(0,0)(1,1)(2,2)(3,2)(3,1)	$\psi({\Omega_2}^2\cdot\Omega)$
(0,0)(1,1)(2,2)(3,2)(3,2)	$\psi({\Omega_2}^3)$
(0,0)(1,1)(2,2)(3,2)(4,0)	$\psi(\Omega_2{}^\omega)$
(0,0)(1,1)(2,2)(3,2)(4,1)	$\psi(\Omega_2{}^\Omega)$
(0,0)(1,1)(2,2)(3,2)(4,2)	$\psi(\Omega_2{}^{\Omega_2})$
(0,0)(1,1)(2,2)(3,2)(4,2)(2,2)	$\psi(\Omega_2{}^{\Omega_2}+\Omega_2)$
(0,0)(1,1)(2,2)(3,2)(4,2)(2,2)(3,2)	$\psi(\Omega_2^{\ \Omega_2}+\Omega_2^{\ 2})$
(0,0)(1,1)(2,2)(3,2)(4,2)- $-(2,2)(3,2)(4,1)(5,2)(6,2)(7,2)$	$\psi(\Omega_2^{\Omega_2} + \Omega_2^{\psi_1(\Omega_2^{\Omega_2})})$
(0,0)(1,1)(2,2)(3,2)- $-(4,2)(2,2)(3,2)(4,2)$	$\psi(\Omega_2^{\Omega_2} \cdot 2)$
(0,0)(1,1)(2,2)(3,2)(4,2)(3,0)	$\psi(\Omega_2{}^{\Omega_2}\cdot\omega)$
(0,0)(1,1)(2,2)(3,2)(4,2)(3,1)	$\psi(\Omega_2^{\Omega_2}\cdot\Omega)$
(0,0)(1,1)(2,2)(3,2)(4,2)(3,2)	$\psi(\Omega_2{}^{\Omega_2+1})$
(0,0)(1,1)(2,2)(3,2)(4,2)(3,2)(4,2)	$\psi(\Omega_2{}^{\Omega_2 \cdot 2})$
(0,0)(1,1)(2,2)(3,2)(4,2)(4,0)	$\psi(\Omega_2^{\ \Omega_2 \cdot \omega})$
(0,0)(1,1)(2,2)(3,2)(4,2)(4,1)	$\psi(\Omega_2^{\ \Omega_2\cdot\Omega})$
(0,0)(1,1)(2,2)(3,2)(4,2)(4,2)	$\psi(\Omega_2{}^{\Omega_2{}^2})$
(0,0)(1,1)(2,2)(3,2)(4,2)(4,2)(4,2)	$\psi(\Omega_2{}^{\Omega_2{}^3})$
(0,0)(1,1)(2,2)(3,2)(4,2)(5,0)	$\psi(\Omega_2{}^{\Omega_2{}^\omega})$
(0,0)(1,1)(2,2)(3,2)(4,2)(5,1)	$\psi(\Omega_2{}^{\Omega_2{}^\Omega})$
(0,0)(1,1)(2,2)(3,2)(4,2)(5,2)	$\psi(\Omega_2^{~\Omega_2^{~\Omega_2}})$
(0,0)(1,1)(2,2)(3,2)(4,2)(5,2)(6,2)	$\psi(\Omega_2{}^{\Omega_2{}^{\Omega_2{}^{\Omega_2}}})$
(0,0)(1,1)(2,2)(3,3)	$\psi(\Omega_3)$
(0,0)(1,1)(2,2)(3,3)(1,1)	$\psi(\Omega_3+\Omega)$
(0,0)(1,1)(2,2)(3,3)(1,1)(2,1)(3,1)	$\psi(\Omega_3+\Omega^\Omega)$
(0,0)(1,1)(2,2)(3,3)(1,1)(2,2)	$\psi(\Omega_3 + \psi_1(\Omega_2))$

BMS	Buchholz's OCF
(0,0)(1,1)(2,2)(3,3)(2,1)(3,2)(4,3)	$\psi(\Omega_3 + \psi_1(\Omega_3))$
(0,0)(1,1)(2,2)(3,3)(2,2)	$\psi(\Omega_3+\Omega_2)$
(0,0)(1,1)(2,2)(3,3)(2,2)(3,2)	$\psi(\Omega_3 + {\Omega_2}^2)$
(0,0)(1,1)(2,2)(3,3)(2,2)(3,3)	$\psi(\Omega_3 + \psi_2(\Omega_3))$
(0,0)(1,1)(2,2)(3,3)(3,0)	$\psi(\Omega_3 + \psi_2(\Omega_3 + 1))$
(0,0)(1,1)(2,2)(3,3)(3,1)	$\psi(\Omega_3 + \psi_2(\Omega_3 + \Omega))$
(0,0)(1,1)(2,2)(3,3)(3,1)(4,2)(5,3)	$\psi(\Omega_3 + \psi_2(\Omega_3 + \psi_1(\Omega_3)))$
(0,0)(1,1)(2,2)(3,3)(3,2)	$\psi(\Omega_3 + \psi_2(\Omega_3 + \Omega_2))$
(0,0)(1,1)(2,2)(3,3)(3,2)(4,3)	$\psi(\Omega_3 + \psi_2(\Omega_3 + \psi_2(\Omega_3)))$
(0,0)(1,1)(2,2)(3,3)(3,3)	$\psi(\Omega_3\cdot 2)$
(0,0)(1,1)(2,2)(3,3)(4,0)	$\psi(\Omega_3\cdot\omega)$
(0,0)(1,1)(2,2)(3,3)(4,3)	$\psi({\Omega_3}^2)$
(0,0)(1,1)(2,2)(3,3)(4,3)(4,3)	$\psi(\Omega_3{}^3)$
(0,0)(1,1)(2,2)(3,3)(4,3)(5,0)	$\psi(\Omega_3{}^\omega)$
(0,0)(1,1)(2,2)(3,3)(4,3)(5,3)	$\psi(\Omega_3{}^{\Omega_3})$
(0,0)(1,1)(2,2)(3,3)(4,4)	$\psi(\Omega_4)$
(0,0)(1,1)(2,2)(3,3)(4,4)(5,5)	$\psi(\Omega_5)$
(0,0)(1,1)(2,2)(3,3)(4,4)(5,5)(6,6)	$\psi(\Omega_6)$
(0,0,0)(1,1,1)	$\psi(\Omega_\omega)$
(0,0,0)(1,1,1)(0,0,0)	$\psi(\Omega_{\omega}) + 1$
(0,0,0)(1,1,1)(1,0,0)	$\psi(\Omega_{\omega}+1$
(0,0,0)(1,1,1)(1,0,0)(2,1,0)	$\psi(\Omega_{\omega} + \psi(\Omega))$
(0,0,0)(1,1,1)(1,0,0)(2,1,0)(3,2,0)	$\psi(\Omega_{\omega} + \psi(\Omega_2))$
(0,0,0)(1,1,1)(1,0,0)(2,1,1)	$\psi(\Omega_{\omega} + \psi(\Omega_{\omega}))$
(0,0,0)(1,1,1)(1,0,0)(2,1,1)(2,0,0)	$\psi(\Omega_{\omega} + \psi(\Omega_{\omega} + 1))$
(0,0,0)(1,1,1)(1,0,0)- $-(2,1,1)(2,0,0)(3,1,1)$	$\psi(\Omega_{\omega} + \psi(\Omega_{\omega} + \psi(\Omega_{\omega}))$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(1,1,0)	$\psi(\Omega_{\omega} + \Omega)$
(0,0,0)(1,1,1)(1,1,0)(1,1,0)	$\psi(\Omega_{\omega} + \Omega \cdot 2)$
(0,0,0)(1,1,1)(1,1,0)(2,0,0)	$\psi(\Omega_{\omega} + \Omega \cdot \omega)$
(0,0,0)(1,1,1)(1,1,0)(2,0,0)(3,1,1)	$\psi(\Omega_\omega + \Omega \cdot \psi(\Omega_\omega))$
(0,0,0)(1,1,1)(1,1,0)(2,1,0)	$\psi(\Omega_{\omega}+\Omega^2)$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_2))$
(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,3,0)	$\psi(\Omega_\omega + \psi_1(\Omega_3))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega}))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)(1,0,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega}) + 1)$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)(1,1,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega}) + \Omega)$
(0,0,0)(1,1,1)(1,1,0) - $(2,2,1)(1,1,0)(2,2,0)$	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega}) + \psi_1(\Omega_2))$
(0,0,0)(1,1,1)(1,1,0)- $-(2,2,1)(1,1,0)(2,2,1)$	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega}) \cdot 2)$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,0,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega} + 1))$
(0,0,0)(1,1,1)(1,1,0)- - $(2,2,1)(2,0,0)(3,1,1)$	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega} + \psi(\Omega_{\omega})))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,1,0)	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega} + \Omega))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,2,0)	$\psi(\Omega_\omega + \Omega_2)$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,2,0)(3,3,1)	$\psi(\Omega_{\omega} + \psi_2(\Omega_{\omega}))$
(0,0,0)(1,1,1)(1,1,0)- $-(2,2,1)(2,2,0)(3,3,1)(3,2,0)$	$\psi(\Omega_{\omega} + \psi_2(\Omega_{\omega} + \Omega_2))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)- $-(2,2,0)(3,3,1)(3,2,0)(4,3,1)$	$\psi(\Omega_{\omega} + \psi_2(\Omega_{\omega} + \psi_2(\Omega_{\omega})))$
(0,0,0)(1,1,1)(1,1,0)(2,2,1)- $-(2,2,0)(3,3,1)(3,3,0)$	$\psi(\Omega_{\omega}+\Omega_3)$
(0,0,0)(1,1,1)(1,1,1)	$\psi(\Omega_{\omega}\cdot 2)$
(0,0,0)(1,1,1)(1,1,1)(1,1,0)	$\psi(\Omega_\omega \cdot 2 + \Omega)$
(0,0,0)(1,1,1)(1,1,1) - $(1,1,0)(2,2,1)(2,2,1)$	$\psi(\Omega_{\omega} \cdot 2 + \psi_1(\Omega_{\omega} \cdot 2))$
(0,0,0)(1,1,1)(1,1,1)(1,1,0)- $-(2,2,1)(2,2,1)(2,2,0)(3,3,1)(3,3,1)$	$\psi(\Omega_{\omega} \cdot 2 + \psi_1(\Omega_{\omega} \cdot 2 + \psi_2(\Omega_{\omega} \cdot 2)))$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(1,1,1)(1,1,1)	$\psi(\Omega_{\omega}\cdot 3)$
(0,0,0)(1,1,1)(1,1,1)(1,1,1)(1,1,1)	$\psi(\Omega_\omega \cdot 4)$
(0,0,0)(1,1,1)(2,0,0)	$\psi(\Omega_\omega\cdot\omega)$
(0,0,0)(1,1,1)(2,0,0)(1,1,0)	$\psi(\Omega_\omega \cdot \omega + \Omega)$
(0,0,0)(1,1,1)(2,0,0)(1,1,0)(2,2,1)	$\psi(\Omega_\omega \cdot \omega + \psi_1(\Omega_\omega))$
(0,0,0)(1,1,1)(2,0,0)- $-(1,1,0)(2,2,1)(3,0,0)$	$\psi(\Omega_{\omega} \cdot \omega + \psi_1(\Omega_{\omega} \cdot \omega))$
(0,0,0)(1,1,1)(2,0,0)(1,1,0)- $-(2,2,1)(3,0,0)(2,2,0)$	$\psi(\Omega_\omega \cdot \omega + \Omega_2)$
(0,0,0)(1,1,1)(2,0,0)(1,1,0)- - $(2,2,1)(3,0,0)(2,2,0)(3,3,1)$	$\psi(\Omega_\omega \cdot \omega + \psi_2(\Omega_\omega))$
(0,0,0)(1,1,1)(2,0,0)(1,1,0)(2,2,1)- $-(3,0,0)(2,2,0)(3,3,1)(4,0,0)$	$\psi(\Omega_\omega \cdot \omega + \psi_2(\Omega_\omega \cdot \omega))$
(0,0,0)(1,1,1)(2,0,0)(1,1,1)	$\psi(\Omega_{\omega}\cdot(\omega+1))$
(0,0,0)(1,1,1)(2,0,0)(1,1,1)(1,1,1)	$\psi(\Omega_{\omega}\cdot(\omega+2))$
(0,0,0)(1,1,1)(2,0,0)(1,1,1)(2,0,0)	$\psi(\Omega_\omega\cdot(\omega\cdot 2))$
(0,0,0)(1,1,1)(2,0,0)(2,0,0)	$\psi(\Omega_\omega\cdot\omega^2)$
(0,0,0)(1,1,1)(2,0,0)(3,1,0)	$\psi(\Omega_\omega\cdot\psi(\Omega))$
(0,0,0)(1,1,1)(2,0,0)(3,1,1)	$\psi(\Omega_\omega\cdot\psi(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,0)	$\psi(\Omega_\omega\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)(1,0,0)	$\psi(\Omega_{\omega} \cdot \Omega + 1)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)	$\psi(\Omega_\omega\cdot\Omega+\Omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(1,1,0)	$\psi(\Omega_\omega\cdot\Omega+\Omega\cdot2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,1,0)	$\psi(\Omega_\omega\cdot\Omega+\Omega^2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,0)	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)	$\psi(\Omega_\omega \cdot \Omega + \psi_1(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)(2,0,0)	$\psi(\Omega_\omega\cdot\Omega+\psi_1(\Omega_\omega+1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)(2,2,0)	$\psi(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega} + \Omega_2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(2,2,0)(3,3,0)$	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}+\psi_2(\Omega_3))$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(2,2,0)(3,3,1)$	$\psi(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega} + \psi_2(\Omega_{\omega}))$
$(0,0,0)(1,1,1)(2,1,0)- \\ -(1,1,0)(2,2,1)(2,2,1)$	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot2))$
(0,0,0)(1,1,1)(2,1,0)- $-(1,1,0)(2,2,1)(3,0,0)$	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot\omega))$
(0,0,0)(1,1,1)(2,1,0) - (1,1,0)(2,2,1)(3,1,0)	$\psi(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega} \cdot \Omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,0,0)	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot\Omega+1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,1,0)$	$\psi(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega} \cdot \Omega + \psi_2(\Omega_{\omega})))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,1,0)(3,2,1)(4,1,0)	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot\Omega+\psi_2(\Omega_{\omega}\cdot\Omega)))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,0)$	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,0)(3,3,0)$	$\psi(\Omega_{\omega}\cdot\Omega+\psi_2(\Omega_3))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,0)(3,3,1)$	$\psi(\Omega_\omega\cdot\Omega+\psi_2(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)(3,1,0)(2,2,0)(3,3,1)(3,3,0)	$\psi(\Omega_{\omega}\cdot\Omega+\psi_2(\Omega_{\omega}+\Omega_3))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)(3,1,0)(2,2,0)(3,3,1)(3,3,1)	$\psi(\Omega_\omega \cdot \Omega + \psi_2(\Omega_\omega \cdot 2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)- $-(3,1,0)(2,2,0)(3,3,1)(4,0,0)$	$\psi(\Omega_{\omega}\cdot\Omega+\psi_2(\Omega_{\omega}\cdot\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)(3,1,0)(2,2,0)(3,3,1)(4,1,0)	$\psi(\Omega_{\omega}\cdot\Omega+\psi_2(\Omega_{\omega}\cdot\Omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)- -(3,1,0)(2,2,0)(3,3,1)(4,1,0)(3,3,0)	$\psi(\Omega_\omega\cdot\Omega+\Omega_3)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,1)$	$\psi(\Omega_{\omega}\cdot(\Omega+1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,1)(1,1,0)	$\psi(\Omega_{\omega}\cdot(\Omega+1)+\Omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,1)(1,1,0)-$ $-(2,2,1)(3,1,0)(2,2,1)$	$\psi(\Omega_{\omega}\cdot(\Omega+1)+\psi_1(\Omega_{\omega}\cdot(\Omega+1)))$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,1)(2,0,0)	$\psi(\Omega_{\omega}\cdot(\Omega+1)+\psi_1(\Omega_{\omega}\cdot(\Omega+1)+1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,1)(2,1,0)	$\psi(\Omega_{\omega}\cdot(\Omega+1)+\psi_1(\Omega_{\omega}\cdot(\Omega+1)+\Omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,1)(2,1,0)-$ $-(3,2,1)(4,1,0)(3,2,1)$	$\psi(\Omega_{\omega} \cdot (\Omega+1) + \psi_1(\Omega_{\omega} \cdot (\Omega+1) + \psi_1(\Omega_{\omega} \cdot (\Omega+1)))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,1)(2,2,0)	$\psi(\Omega_{\omega}\cdot(\Omega+1)+\Omega_2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,1)(2,2,0) - (3,3,1)(4,1,0)(3,3,1)	$\psi(\Omega_{\omega}\cdot(\Omega+1)+\Omega_3)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,1)(2,2,1)	$\psi(\Omega_{\omega}\cdot(\Omega+2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)(3,1,0)(2,2,1)(2,2,1)(2,2,1)	$\psi(\Omega_{\omega}\cdot(\Omega+3))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(2,2,1)(3,0,0)$	$\psi(\Omega_{\omega}\cdot(\Omega+\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,1)(3,1,0)	$\psi(\Omega_{\omega}\cdot\Omega\cdot2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(3,0,0)	$\psi(\Omega_\omega\cdot\Omega\cdot\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(3,1,0)	$\psi(\Omega_\omega\cdot\Omega^2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(4,0,0)	$\psi(\Omega_\omega \cdot \Omega^\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(4,2,0)	$\psi(\Omega_{\omega}\cdot\psi_1(\Omega_2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(4,2,1)	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(4,2,1)(5,1,0)	$\psi(\Omega_{\omega}\cdot\psi_1(\Omega_{\omega}\cdot\Omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1) - (3,1,0)(4,2,1)(5,1,0)(6,2,1)	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\psi_1(\Omega_\omega)))$
(0,0,0)(1,1,1)(2,1,0)- $-(1,1,0)(2,2,1)(3,2,0)$	$\psi(\Omega_\omega\cdot\Omega_2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(1,0,0)	$\psi(\Omega_{\omega} \cdot \Omega_2 + 1)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(1,1,0)	$\psi(\Omega_{\omega}\cdot\Omega_2+\Omega)$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(1,1,0)(2,2,1)	$\psi(\Omega_{\omega}\cdot(\Omega_2+1))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1)-(3,2,0)(1,1,0)(2,2,1)(3,2,0)	$\psi(\Omega_\omega\cdot\Omega_2\cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)- $-(2,2,1)(3,2,0)(2,0,0)$	$\psi(\Omega_\omega\cdot\Omega_2\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(2,1,0)	$\psi(\Omega_{\omega}\cdot\Omega_2\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(2,2,0)	$\psi(\Omega_{\omega}\cdot{\Omega_2}^2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(2,2,0)(3,3,1)	$\psi(\Omega_{\omega}\cdot\psi_2(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1) - (3,2,0)(2,2,0)(3,3,1)(4,2,0)	$\psi(\Omega_{\omega}\cdot\psi_2(\Omega_{\omega}\cdot\Omega_2))$
(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1) - (3,2,0)(2,2,0)(3,3,1)(4,3,0)	$\psi(\Omega_{\omega}\cdot\Omega_3)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)	$\psi(\Omega_{\omega}{}^2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)	$\psi(\Omega_{\omega}^{\ 2}+\Omega)$
(0,0,0)(1,1,1)(2,1,0)- $-(1,1,1)(1,1,0)(2,2,0)$	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{2}))$
(0,0,0)(1,1,1)(2,1,0)- $-(1,1,1)(1,1,0)(2,2,1)$	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)- $-(1,1,0)(2,2,1)(3,2,0)$	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega} \cdot \Omega))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)- $-(1,1,0)(2,2,1)(3,2,0)(2,2,1)$	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega}^{2}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0) - (2,2,1)(3,2,0)(2,2,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega})))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)- $-(1,1,0)(2,2,1)(3,2,0)(2,2,1)-$ $-(2,1,0)(3,2,1)(4,2,0)(3,2,1)$	$\psi(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega}^{2} + \psi_{1}(\Omega_{\omega}^{2})))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0) - (2,2,1)(3,2,0)(2,2,1)(2,2,0)	$\psi(\Omega_{\omega}^{2} + \Omega_{2})$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0) - (2,2,1)(3,2,0)(2,2,1)(2,2,0)(3,3,1)	$\psi(\Omega_{\omega}^{2} + \psi_{2}(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)- $-(1,1,0)(2,2,1)(3,2,0)(2,2,1)-$ $-(2,2,0)(3,3,1)(4,3,0)(3,3,1)$	$\psi(\Omega_{\omega}^{2} + \psi_{2}(\Omega_{\omega}^{2}))$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,1)	$\psi(\Omega_{\omega}^{2}+\Omega_{\omega})$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,0)- $-(1,1,1)(1,1,1)(1,1,1)$	$\psi(\Omega_{\omega}^{2} + \Omega_{\omega} \cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,0,0)	$\psi(\Omega_{\omega}^{2} + \Omega_{\omega} \cdot \omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,1,0)	$\psi(\Omega_{\omega}^{2} + \Omega_{\omega} \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,0)- $-(1,1,1)(2,1,0)(1,1,1)$	$\psi(\Omega_{\omega}^{2}\cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)- $-(2,1,0)(1,1,1)(2,0,0)$	$\psi(\Omega_{\omega}^{2}\cdot 2 + \Omega_{\omega}\cdot \omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)- $-(2,1,0)(1,1,1)(2,1,0)$	$\psi(\Omega_{\omega}^{2}\cdot 2 + \Omega_{\omega}\cdot \Omega)$
(0,0,0)(1,1,1)(2,1,0)(1,1,1)- $-(2,1,0)(1,1,1)(2,1,0)(1,1,1)$	$\psi(\Omega_{\omega}^{2}\cdot 3)$
(0,0,0)(1,1,1)(2,1,0)(2,0,0)	$\psi({\Omega_\omega}^2\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)(2,1,0)	$\psi(\Omega_{\omega}^{2}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)(2,1,0)- $-(1,1,0)(2,2,1)(3,1,0)(2,2,1)$	$\psi(\Omega_{\omega}^{2}\cdot\Omega+\Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(2,1,0)(1,1,0)- $-(2,2,1)(3,1,0)(3,1,0)(2,2,1)$	$\psi(\Omega_{\omega}^{2}\cdot(\Omega+1))$
(0,0,0)(1,1,1)(2,1,0)(2,1,0)- $-(1,1,0)(2,2,1)(3,2,0)(3,2,0)$	$\psi(\Omega_{\omega}^{-2}\cdot\Omega_2)$
(0,0,0)(1,1,1)(2,1,0)(2,1,0)(1,1,1)	$\psi(\Omega_{\omega}{}^3)$
(0,0,0)(1,1,1)(2,1,0)- $-(2,1,0)(2,1,0)(1,1,1)$	$\psi(\Omega_{\omega}{}^4)$
(0,0,0)(1,1,1)(2,1,0)(3,0,0)	$\psi(\Omega_{\omega}{}^{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,0,0)(4,1,1)	$\psi(\Omega_{\omega}{}^{\psi(\Omega_{\omega})})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)	$\psi(\Omega_{\omega}{}^{\Omega})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,0)(4,2,0)$	$\psi(\Omega_{\omega}{}^{\Omega_2})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,1)	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(2,0,0)	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(2,1,0)	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)- $(3,1,0)(2,1,0)(1,1,1)$	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}+1})$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,0)(3,1,0)-	$\psi(\Omega_{\omega}^{\Omega_{\omega}+2})$
-(2,1,0)(2,1,0)(1,1,1)	$\psi(\mathfrak{s}\iota_\omega^{-1})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}^{\ \ \Omega_{\omega}+\omega})$
-(3,1,0)(2,1,0)(3,0,0)	φ (32 ω
(0,0,0)(1,1,1)(2,1,0)(3,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}\cdot 2})$
-(2,1,0)(3,1,0)(1,1,1)	φ (ω)
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(3,0,0)	$\psi(\Omega_{\omega}^{\Omega_{\omega}\cdot\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(3,1,0)	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}\cdot\Omega})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}{}^2})$
-(3,1,0)(3,1,0)(1,1,1)	$\psi(\Sigma \iota_{\omega})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}{}^3})$
-(3,1,0)(3,1,0)(3,1,0)(1,1,1)	Ψ (32ω)
(0,0,0)(1,1,1)(2,1,0)(3,1,0)(4,0,0)	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}{}^{\omega}})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}^{\ \ \Omega_{\omega}^{\ \Omega_{\omega}}})$
-(3,1,0)(4,1,0)(1,1,1)	φ (32 ω)
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega}{}^{\Omega_{\omega}}{}^{\Omega_{\omega}}{}^{\Omega_{\omega}}{}^{0})$
-(3,1,0)(4,1,0)(5,1,0)(1,1,1)	Ψ (32ω)
(0,0,0)(1,1,1)(2,1,0)(3,2,0)	$\psi(\Omega_{\omega+1})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,0,0)	$\psi(\Omega_{\omega+1}+1)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,0)	$\psi(\Omega_{\omega+1}+\Omega)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1} + \psi_1(\Omega_2))$
-(3,2,0)(1,1,0)(2,2,0)	$\psi(\mathfrak{s}^{2}\omega+1+\psi_{1}(\mathfrak{s}^{2}2))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1} + \psi_1(\Omega_{\omega}))$
-(3,2,0)(1,1,0)(2,2,1)	γ (ω+1 + γ 1(ω))
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+1} + \psi_1(\Omega_{\omega} \cdot \omega))$
-(1,1,0)(2,2,1)(3,0,0)	, (= , = , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,1,0)(3,2,0)	$\psi(\Omega_{\omega+1} + \psi_1(\Omega_{\omega} \cdot \Omega))$
-(1,1,0)(2,2,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)	$\psi(\Omega_{\omega+1} + \psi_1(\Omega_\omega \cdot \Omega_2))$
$ \begin{array}{c} -(1,1,0)(2,2,1)(3,2,0) \\ \hline (0,0,0)(1,1,1)(2,1,0)(3,2,0) - \end{array} $	
-(1,1,0)(2,2,1)(3,2,0)(2,2,1)	$\psi(\Omega_{\omega+1} + \psi_1(\Omega_{\omega}^2))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)	$\psi(\Omega_{\omega+1} + \psi_1(\Omega_{\omega+1}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,0)-	$\psi(\Omega_{\omega+1}+\Omega_2)$
-(2,2,1)(3,2,0)(4,3,0)(2,2,0)	

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,0)-	$\psi(\Omega_{\omega+1}+\psi_2(\Omega_3))$
-(2,2,1)(3,2,0)(4,3,0)(2,2,0)(3,3,0)	$\psi(32\omega+1+\psi_2(323))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,0)-	$\psi(\Omega_{\omega+1}+\psi_2(\Omega_{\omega}))$
-(2,2,1)(3,2,0)(4,3,0)(2,2,0)(3,3,1)	$\varphi(3\omega+1+\varphi_2(3\omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\Omega_{\omega+1} + \psi_2(\Omega_{\omega} + \Omega_3))$
-(2,2,0)(3,3,1)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\Omega_{\omega+1} + \psi_2(\Omega_{\omega}^2))$
-(2,2,0)(3,3,1)(4,3,0)(3,3,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)-	$\psi(\Omega_{\omega+1} + \psi_2(\Omega_{\omega+1}))$
-(2,2,0)(3,3,1)(4,3,0)(5,4,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)	((0,, 0,)
-(1,1,0)(2,2,1)(3,2,0)(4,3,0)(2,2,0)-	$\psi(\Omega_{\omega+1}+\Omega_3)$
-(3,3,1)(4,3,0)(5,4,0)(3,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,1)	$\psi(\Omega_{\omega+1}+\Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}))$
-(1,1,1)(2,1,0)(3,2,0)	$\psi(\mathfrak{L}\iota_{\omega+1} + \psi_{\omega}(\mathfrak{L}\iota_{\omega+1}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(2,0,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + 1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(2,1,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \Omega))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})))$
-(3,2,0)(2,1,0)(3,2,0)	$\psi(\mathfrak{s}^{\iota}\omega+1 + \psi\omega(\mathfrak{s}^{\iota}\omega+1 + \psi\omega(\mathfrak{s}^{\iota}\omega+1)))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(3,0,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + 1)))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(3,1,0)	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \Omega)))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(3,2,0)	$\psi(\Omega_{\omega+1}\cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,0,0)	$\psi(\Omega_{\omega+1}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,1,0)	$\psi(\Omega_{\omega+1}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1}\cdot\Omega_{\omega})$
-(3,2,0)(4,1,0)(1,1,1)	$\psi(\mathfrak{s}\iota\omega+\mathfrak{l}+\mathfrak{s}\iota\omega)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1}\cdot\psi_{\omega}(\Omega_{\omega+1}\cdot\omega))$
-(3,2,0)(4,1,0)(5,2,0)	$\varphi(\mathfrak{s}^{2}\omega+1 \varphi\omega(\mathfrak{s}^{2}\omega+1 \omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\omega+1}^2)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+1}{}^3)$
-(3,2,0)(4,2,0)(4,2,0)	Ψ (**ω+1)

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,0)- $-(3,2,0)(4,2,0)(5,0,0)$	$\psi(\Omega_{\omega+1}{}^{\omega})$
(0,0,0)(1,1,1)(2,1,0)	
-(3,2,0)(4,2,0)(5,1,0)	$\psi(\Omega_{\omega+1}{}^{\Omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	
-(4,2,0)(5,1,0)(1,1,1)	$\psi(\Omega_{\omega+1}{}^{\Omega_{\omega}})$
(0,0,0)(1,1,1)(2,1,0)-	
-(3,2,0)(4,2,0)(5,2,0)	$\psi(\Omega_{\omega+1}{}^{\Omega_{\omega+1}})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\Omega = \Omega_{\omega} + 1$
-(4,2,0)(5,2,0)(6,2,0)	$\psi(\Omega_{\omega+1}{}^{\Omega_{\omega+1}{}^{\Omega_{\omega+1}}})$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,3,0)	$\psi(\Omega_{\omega+2})$
(0,0,0)(1,1,1)(2,1,0)-	//0 2)
-(3,2,0)(4,3,0)(4,3,0)	$\psi(\Omega_{\omega+2}\cdot 2)$
(0,0,0)(1,1,1)(2,1,0)-	//(0
-(3,2,0)(4,3,0)(5,0,0)	$\psi(\Omega_{\omega+2}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,0)-	ah(O O)
-(3,2,0)(4,3,0)(5,1,0)	$\psi(\Omega_{\omega+2}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+2}\cdot\Omega_{\omega})$
-(4,3,0)(5,1,0)(1,1,1)	$\psi(\mathfrak{L}\iota_{\omega+2}\cdot\mathfrak{L}\iota_{\omega})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+2}\cdot\Omega_{\omega+1})$
-(3,2,0)(4,3,0)(5,2,0)	$\psi(\mathfrak{s}\iota_{\omega+2}\cdot\mathfrak{s}\iota_{\omega+1})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi({\Omega_{\omega+2}}^2)$
-(3,2,0)(4,3,0)(5,3,0)	$\psi(32\omega+2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,0)-	$\psi(\Omega_{\omega+2}{}^{\Omega_{\omega+2}})$
-(4,3,0)(5,3,0)(6,3,0)	$\psi(32\omega+2)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega+3})$
-(3,2,0)(4,3,0)(5,4,0)	$\varphi(32\omega+3)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega \cdot 2})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,0)	$\psi(\Omega_{\omega \cdot 2} + \Omega)$
(0,0,0)(1,1,1)(2,1,0)-	
-(3,2,1)(1,1,0)(2,2,0)	$\psi(\Omega_{\omega \cdot 2} + \psi_1(\Omega_2))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega \cdot 2} + \psi_1(\Omega_{\omega}))$
-(3,2,1)(1,1,0)(2,2,1)	$\psi(2\omega \cdot 2 + \psi_1(2\omega))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega \cdot 2} + \psi_1(\Omega_{\omega} \cdot \Omega_2))$
-(1,1,0)(2,2,1)(3,2,0)	$\psi(\mathfrak{s}\iota_{\omega\cdot 2} + \psi_1(\mathfrak{s}\iota_{\omega} \cdot \mathfrak{s}\iota_2))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega \cdot 2} + \psi_1(\Omega_{\omega}^2))$
-(1,1,0)(2,2,1)(3,2,0)(2,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,0)-	$\psi(\Omega_{\omega \cdot 2} + \psi_1(\Omega_{\omega}^{3}))$
-(2,2,1)(3,2,0)(3,2,0)(2,2,1)	

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,0)(3,2,1)- $-(1,1,0)(2,2,1)(3,2,0)(4,3,0)$	$\psi(\Omega_{\omega\cdot 2} + \psi_1(\Omega_{\omega+1}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	140 140 1
-(1,1,0)(2,2,1)(3,2,0)(4,3,1)	$\psi(\Omega_{\omega \cdot 2} + \psi_1(\Omega_{\omega \cdot 2}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,0)-	$\psi(\Omega_{\omega\cdot 2}+\Omega_2)$
-(2,2,1)(3,2,0)(4,3,1)(2,2,0)	$\psi(\mathfrak{s}\iota_{\omega\cdot 2}+\mathfrak{s}\iota_2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,1)-	$\psi(\Omega_{\omega \cdot 2} + \psi_2(\Omega_\omega))$
-(2,2,0)(3,3,1)(4,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,1)-	$\psi(\Omega_{\omega\cdot 2} + \psi_2(\Omega_{\omega\cdot 2}))$
-(2,2,0)(3,3,1)(4,3,0)(5,4,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	
-(1,1,0)(2,2,1)(3,2,0)(4,3,1)(2,2,0)-	$\psi(\Omega_{\omega\cdot 2} + \Omega_3)$
-(3,3,1)(4,3,0)(5,4,1)(3,3,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1)	$\psi(\Omega_{\omega\cdot 2}+\Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2}+\Omega_{\omega}\cdot 2)$
-(3,2,1)(1,1,1)(1,1,1)	$\psi(\mathfrak{s}\iota_{\omega\cdot 2}+\mathfrak{s}\iota_{\omega}\cdot 2)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2}+\Omega_{\omega}\cdot\omega)$
-(3,2,1)(1,1,1)(2,0,0)	$\varphi(12\omega.2+12\omega-\omega)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2}+\Omega_{\omega}\cdot\Omega)$
-(3,2,1)(1,1,1)(2,1,0)	γ (ω·2 ·ω)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2}+\Omega_{\omega}^{\ 2})$
-(1,1,1)(2,1,0)(1,1,1)	, (6.2 , 6)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega+1}))$
-(1,1,1)(2,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2}))$
-(1,1,1)(2,1,0)(3,2,1)	
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(2,0,0)	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + 1))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(2,1,0)	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + \Omega))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + \Omega_{\omega}))$
-(3,2,1)(2,1,0)(1,1,1)	$\psi(\mathfrak{L}_{\omega\cdot2} + \psi_{\omega}(\mathfrak{L}_{\omega\cdot2} + \mathfrak{L}_{\omega}))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + \Omega_{\omega}) + \psi_{\omega}(\Omega_{\omega \cdot 2}))$
-(2,1,0)(1,1,1)(2,1,0)(3,2,1)	$\psi(\omega\omega \cdot 2 + \psi\omega(\omega\cdot 2 + \omega\omega) + \psi\omega(\omega\cdot 2\omega\cdot 2))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega + 1})))$
-(3,2,1)(2,1,0)(3,2,0)	$\varphi(a^{\iota}\omega \cdot 2 + \varphi\omega(a^{\iota}\omega \cdot 2 + \varphi\omega(a^{\iota}\omega + 1)))$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2}))$
-(3,2,1)(2,1,0)(3,2,1)	$\varphi (\circ \circ \omega \cdot 2 + \varphi \omega (\circ \circ \omega \cdot 2 + \varphi \omega (\circ \circ \omega \cdot 2))$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2}))$
-(3,2,1)(3,1,0)(4,2,1)	$+\psi_{\omega}(\Omega_{\omega\cdot 2}))))$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(3,2,0)	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega + 1})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2} + \Omega_{\omega+1}^2)$
-(3,2,1)(3,2,0)(4,2,0)	$\varphi(32\omega \cdot 2 + 32\omega + 1)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2} + \Omega_{\omega+1,\omega+1}^{\Omega})$
-(3,2,0)(4,2,0)(5,2,0)	γ (ω-2ω+1ω+1)
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega + 1}(\Omega_{\omega + 2}))$
-(3,2,1)(3,2,0)(4,3,0)	γ (ω·2 · γω+1 (ω+2))
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega + 1}(\Omega_{\omega \cdot 2}))$
-(3,2,1)(3,2,0)(4,3,1)	, (2 , 4, 1, (2 ,)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2}+\Omega_{\omega+2})$
-(3,2,0)(4,3,1)(4,3,0)	,
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(3,2,1)	$\psi(\Omega_{\omega \cdot 2} \cdot 2)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,0,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \omega)$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0)	$\psi(\Omega_{\omega\cdot 2}\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,0)-	(0 0)
-(3,2,1)(4,1,0)(1,1,1)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0)	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1})$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2}{}^2)$
-(3,2,1)(4,2,0)(3,2,1)	$\psi(\Omega \iota_{\omega \cdot 2}^{-})$
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot2}{}^3)$
-(4,2,0)(4,2,0)(3,2,1)	$\psi(32\omega.2)$
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2}{}^\omega)$
-(3,2,1)(4,2,0)(5,0,0)	ψ ($^{2}\omega$.2)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2_{(i)\cdot 2}})$
-(4,2,0)(5,2,0)(3,2,1)	Ψ (2-2ω-2ω-2)
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 2+1})$
-(3,2,1)(4,2,0)(5,3,0)	_τ (ω·2+1)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)-	$\psi(\Omega_{\omega\cdot 2+2})$
-(4,2,0)(5,3,0)(6,4,0)	, (W·2⊤2)
(0,0,0)(1,1,1)(2,1,0)-	$\psi(\Omega_{\omega\cdot 3})$
-(3,2,1)(4,2,0)(5,3,1)	, (& 0)
(0,0,0)(1,1,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega\cdot 4})$
-(4,2,0)(5,3,1)(6,4,0)(7,5,1)	, (& 1)
(0,0,0)(1,1,1)(2,1,1)	$\psi(\Omega_{\omega^2})$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,1)(1,1,0)	$\psi(\Omega_{\omega^2} + \Omega)$
(0,0,0)(1,1,1)(2,1,1)(1,1,0)(2,2,0)	$\psi(\Omega_{\omega^2} + \psi_1(\Omega_2))$
(0,0,0)(1,1,1)(2,1,1)(1,1,0)(2,2,1)	$\psi(\Omega_{\omega^2} + \psi_1(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)- $-(1,1,0)(2,2,1)(3,2,1)$	$\psi(\Omega_{\omega^2} + \psi_1(\Omega_{\omega^2}))$
(0,0,0)(1,1,1)(2,1,1)(1,1,0) - (2,2,1)(3,2,1)(2,2,0)	$\psi(\Omega_{\omega^2}+\Omega_2)$
(0,0,0)(1,1,1)(2,1,1)(1,1,0)(2,2,1)- $-(3,2,1)(2,2,0)(3,3,1)(4,3,1)$	$\psi(\Omega_{\omega^2} + \psi_2(\Omega_{\omega^2})$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)	$\psi(\Omega_{\omega^2} + \Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)(2,0,0)	$\psi(\Omega_{\omega^2} + \Omega_{\omega} \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)(2,1,0)	$\psi(\Omega_{\omega^2} + \Omega_{\omega} \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,1)-(1,1,1)(2,1,0)(3,1,0)	$\psi(\Omega_{\omega^2} + \Omega_{\omega}^{\ 2})$
(0,0,0)(1,1,1)(2,1,1)- $-(1,1,1)(2,1,0)(3,2,0)$	$\psi(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega+1}))$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)- $-(2,1,0)(3,2,0)(4,3,0)$	$\psi(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega+2}))$
(0,0,0)(1,1,1)(2,1,1)-(1,1,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega \cdot 2}))$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)- $-(2,1,0)(3,2,1)(4,2,1)$	$\psi(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega^2}))$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)- $-(2,1,0)(3,2,1)(4,2,1)(3,2,0)$	$\psi(\Omega_{\omega^2}+\Omega_{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)- $-(2,1,0)(3,2,1)(4,2,1)(3,2,1)$	$\psi(\Omega_{\omega^2}+\Omega_{\omega\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)-(1,1,1)(2,1,1)	$\psi(\Omega_{\omega^2}\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(1,1,1)- $-(2,1,1)(1,1,1)(2,1,1)$	$\psi(\Omega_{\omega^2}\cdot 3)$
(0,0,0)(1,1,1)(2,1,1)(2,0,0)	$\psi(\Omega_{\omega^2}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1) $-(2,0,0)(1,1,1)(2,1,1)$	$\psi(\Omega_{\omega^2} \cdot (\omega+1))$
(0,0,0)(1,1,1)(2,1,1)(2,0,0) - (1,1,1)(2,1,1)(2,0,0)	$\psi(\Omega_{\omega^2}\cdot(\omega\cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(2,0,0)(2,0,0)	$\psi(\Omega_{\omega^2}\cdot\omega^2)$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,1)(2,0,0)(3,0,0)	$\psi(\Omega_{\omega^2}\cdot\omega^\omega)$
(0,0,0)(1,1,1)(2,1,1)(2,0,0)(3,1,0)	$\psi(\Omega_{\omega^2}\cdot\psi(\Omega))$
(0,0,0)(1,1,1)(2,1,1)(2,0,0)(3,1,1)	$\psi(\Omega_{\omega^2}\cdot\psi(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)- $-(2,0,0)(3,1,1)(4,1,1)$	$\psi(\Omega_{\omega^2}\cdot\psi(\Omega_{\omega^2}))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)	$\psi(\Omega_{\omega^2} \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega})$
$(0,0,0)(1,1,1)(2,1,1)- \\ -(2,1,0)(1,1,1)(2,1,1)$	$\psi(\Omega_{\omega^2}^2)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(2,0,0)	$\psi(\Omega_{\omega^2}{}^2\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(2,1,0)	$\psi(\Omega_{\omega^2}{}^2\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)- $-(2,1,0)(2,1,0)(1,1,1)$	$\psi(\Omega_{\omega^2}{}^2 \cdot \Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)- $-(2,1,0)(1,1,1)(2,1,1)$	$\psi(\Omega_{\omega^2}{}^3)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)- $-(2,1,0)(2,1,0)(1,1,1)(2,1,1)$	$\psi(\Omega_{\omega^2}{}^4)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,0,0)	$\psi(\Omega_{\omega^2}{}^\omega)$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,1,0)	$\psi(\Omega_{\omega^2}{}^{\Omega})$
(0,0,0)(1,1,1)(2,1,1)- $-(2,1,0)(3,1,0)(1,1,1)$	$\psi(\Omega_{\omega^2}{}^{\Omega_\omega})$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)- $-(3,1,0)(1,1,1)(2,1,1)$	$\psi(\Omega_{\omega^2}{}^{\Omega_{\omega^2}})$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,2,0)	$\psi(\Omega_{\omega^2+1})$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega^2+\omega})$
(0,0,0)(1,1,1)(2,1,1)- $-(2,1,0)(3,2,1)(4,2,1)$	$\psi(\Omega_{\omega^2 \cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(2,1,1)	$\psi(\Omega_{\omega^3})$
(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1)	$\psi(\Omega_{\omega^4})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)	$\psi(\Omega_{\omega^\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1)	$\psi(\Omega_{\psi(\Omega_\omega)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(\Omega_\Omega)$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,0,0)	$\psi(\Omega_\Omega+1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)	$\psi(\Omega_\Omega+\Omega)$
(0,0,0)(1,1,1)(2,1,1)- $-(3,1,0)(1,1,0)(2,2,0)$	$\psi(\Omega_\Omega + \psi_1(\Omega_2))$
(0,0,0)(1,1,1)(2,1,1) $-(3,1,0)(1,1,0)(2,2,1)$	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,1)$	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\omega^2}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - (1,1,0)(2,2,1)(3,2,1)(4,1,0)	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\Omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,1)(4,1,0)(2,2,0)$	$\psi(\Omega_{\Omega}+\Omega_{2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)- $-(2,2,1)(3,2,1)(4,1,0)(2,2,1,?)$	$\psi(\Omega_{\Omega} + \Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)- $-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1)$	$\psi(\Omega_\Omega+\Omega_{\omega^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-$ $-(2,2,1)(3,2,1)(4,1,0)$	$\psi(\Omega_\Omega \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)- $-(2,2,1)(3,2,1)(4,1,0)(3,0,0)$	$\psi(\Omega_\Omega\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) - (2,2,1)(3,2,1)(4,1,0)(3,1,0)	$\psi(\Omega_\Omega\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) - (2,2,1)(3,2,1)(4,1,0)(3,2,0)	$\psi(\Omega_\Omega\cdot\Omega_2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) - (2,2,1)(3,2,1)(4,1,0)(3,2,0)(2,2,1)	$\psi(\Omega_\Omega\cdot\Omega_\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-$ $-(3,2,0)(2,2,1)(3,2,1)(4,1,0)$	$\psi(\Omega_^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)- $-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,0)$	$\psi(\Omega_{\Omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)- $-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)$	$\psi(\Omega_{\Omega+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-$ $-(3,2,0)(4,3,1)(5,3,1)$	$\psi(\Omega_{\Omega+\omega^2})$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\Omega\cdot 2})$
-(3,2,0)(4,3,1)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega\cdot\omega})$
-(2,2,1)(3,2,1)(4,1,0)(3,2,1)	$\psi(\mathfrak{L}_{\Omega}^{\epsilon},\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega^2})$
-(2,2,1)(3,2,1)(4,1,0)(3,2,1)(4,1,0)	$\psi(\mathfrak{s}\iota_{\Omega^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega^\omega})$
-(2,2,1)(3,2,1)(4,1,0)(4,0,0)	$\psi(z_{i}z_{i}\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega^\Omega})$
-(2,2,1)(3,2,1)(4,1,0)(4,1,0)	$\psi(\mathfrak{a}_{iji})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\Omega^{\Omega^{\Omega}}})$
-(2,2,1)(3,2,1)(4,1,0)(5,1,0)	$\psi(\mathfrak{s}^{2}\Omega^{\Omega s^{2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\psi_1(\Omega_2)})$
-(2,2,1)(3,2,1)(4,1,0)(5,2,0)	$\psi\left(\mathbb{I}^{2}\psi_{1}\left(\Omega_{2} ight) ight)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)-	$\psi(\Omega_{\psi_1(\Omega_{\omega})})$
-(2,2,1)(3,2,1)(4,1,0)(5,2,1)	$\psi(\mathfrak{L}_{\psi_1}(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,1,0)-	$\psi(\Omega_{\psi_1(\Omega_\Omega)})$
-(5,2,1)(6,2,1)(7,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_2})$
-(1,1,0)(2,2,1)(3,2,1)(4,2,0)	$\psi(\mathfrak{su}(l_2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,0)(2,2,1)(3,2,1)(4,2,0)-	$\psi(\Omega_{\Omega_3})$
-(2,2,0)(3,3,1)(4,3,1)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)	$\psi(\Omega_{\Omega_{\omega}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{c}} + \psi_{\omega}(\Omega_{\omega}))$
-(1,1,1)(2,1,0)(3,2,1)	$\psi(\Omega_{\omega} + \psi_{\omega}(\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{\omega}} + \psi_{\omega}(\Omega_{\omega^2}))$
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)	$\psi(\mathfrak{s}^{2}\Omega_{\omega}+\psi_{\omega}(\mathfrak{s}^{2}\omega^{2}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{c}} + \psi_{\omega}(\Omega_{\Omega}))$
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)(5,1,0)	$\psi(\Omega_{\Omega_{\omega}} + \psi_{\omega}(\Omega_{\Omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{\omega}} + \psi_{\omega}(\Omega_{\Omega_{\omega}}))$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(1,1,1)	$\psi(\mathfrak{s}\iota\Omega_{\omega} + \psi_{\omega}(\mathfrak{s}\iota\Omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{\omega}} + \Omega_{\omega+1})$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(3,2,0)	$\psi(\Im \iota_{\Omega_{\omega}} + \Im \iota_{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{\omega}} + \Omega_{\omega \cdot 2})$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(3,2,1)	$\psi(2i\Omega_{\omega} + 2i\omega \cdot 2)$

BMS	Buchholz's OCF
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_\omega}+\Omega_{\omega^2})$
-(5,1,0)(3,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_\omega}+\Omega_\Omega)$
-(5,1,0)(3,2,1)(4,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\Omega_\omega}\cdot 2)$
-(3,2,1)(4,2,1)(5,1,0)(1,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{co}}\cdot\omega)$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(4,0,0)	$\varphi(\Omega_{\omega} \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(1,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_\omega+1})$
-(5,1,0)(4,1,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{m+1}})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(\mathfrak{s}_{2\Omega_{\omega+1}})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{\Omega_{-2}})$
-(3,1,0)(1,1,1)(2,1,1)	φ (33 t_{ω^2})
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_(\omega^\omega)})$
-(1,1,1)(2,1,1)(3,0,0)	$\psi(u_{M}(\omega_{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{sh}(\Omega_{\omega})})$
-(1,1,1)(2,1,1)(3,0,0)(4,1,1)	$\psi\left(\mathfrak{sl}_{\mathcal{U}_{\psi}}(\mathfrak{sl}_{\omega})\right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{\Omega}})$
-(1,1,1)(2,1,1)(3,1,0)	$\psi(\mathfrak{s}\mathfrak{s}\Omega_\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	
-(2,1,1)(3,1,0)(1,1,0)(2,2,1)(3,2,1)-	$\psi(\Omega_{\Omega_{\Omega+1}})$
-(4,2,0)(2,2,1)(3,2,1)(4,1,0)-	φ (2.2 $\Omega_{\Omega+1}$)
-(3,2,0)(4,3,1)(5,3,1)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{\Omega_\omega}})$
-(1,1,1)(2,1,1)(3,1,0)(1,1,1)	$\varphi (-\omega \omega_{\Omega_{\omega}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{\Omega_{\Omega}}})$
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)	$\varphi (\omega \omega \Omega_{\Omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(I)$

A.10 BMS vs 反射 OCF(Madore-like)

本节的结果主要引自 $^{[6,10-17]}$,所使用的反射 OCF 为梅天狸定义的 Madore-like 版本。

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_I(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - (1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_I(0)\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)(2,0,0)	$\psi(\psi_I(0)\cdot\omega)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - \\ -(3,1,1)(4,1,1)(5,1,0)(4,0,0) \end{array} $	$\psi(\psi_I(0)\cdot\psi(\psi_I(0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(\psi_I(0)\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)(1,1,1)	$\psi(\psi_I(0)\cdot\Omega_\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(1,1,1)(2,1,1)$	$\psi(\psi_I(0)\cdot\Omega_{\omega^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(\psi_I(0)\cdot\Omega_\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_I(0)^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(\psi_I(0)^2 + \psi_I(0) \cdot \Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(1,1,1)(2,1,1)(3,1,0)(2,1,0)-$ $-(1,1,1)(2,1,1)(3,1,0)(2,0,0)$	$\psi(\psi_I(0)^2\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)(2,1,0)	$\psi(\psi_I(0)^2\cdot\Omega)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - \\ -(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(\psi_I(0)^3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,1,0)	$\psi(\psi_I(0)^\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_I(0)^{\psi_I(0)})$
$(0,0,0)(1,1,1)(2,1,1)- \\ -(3,1,0)(2,1,0)(3,2,0)$	$\psi(\psi_{\Omega_{\psi_I(0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,2,0)(3,2,0)$	$\psi(\psi_{\Omega_{\psi_I(0)+1}}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,2,0)(4,1,0)$	$\psi(\psi_{\Omega_{\psi_I(0)+1}}(\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,2,0)(4,1,0)(1,1,1)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(\psi_{\Omega_{\psi_I(0)+1}}(\psi_I(0)))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	(// (0)))
-(2,1,0)(3,2,0)(4,1,0)(5,2,0)	$\psi(\psi_{\Omega_{\psi_I(0)+1}}(\psi_{\Omega_{\psi_I(0)+1}}(0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	-l/(O)
-(2,1,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\psi_I(0)+1})$
(0,0,0)(1,1,1)(2,1,1)-	-l-(O
-(3,1,0)(2,1,0)(3,2,1)	$\psi(\Omega_{\psi_I(0)+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\psi_I(0)+\omega^2})$
-(2,1,0)(3,2,1)(4,2,1)	$\psi(^1\psi_I(0)+\omega^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\psi_I(0)+\Omega})$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)	$\psi(22\psi_I(0)+\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2})$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(1,1,1)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_I(0))$
-(2,1,1)(3,1,0)(2,0,0)(1,1,1)-	$\psi(\circ \iota_{\psi_I(0)} \cdot 2 + \psi_I(0))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_I(0)\cdot \Omega)$
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(1,1,1)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(0))$
-(2,1,1)(3,1,0)(2,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2}))$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi \left(25\psi_I(0) \cdot 2 + \psi \Omega_{\psi_I(0)+1} \left(25\psi_I(0) \cdot 2 \right) \right)$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2}) \cdot \Omega)$
-(3,2,1)(4,2,1)(5,1,0)(2,1,0)	$\psi \left(\Im \psi_{I}(0) \cdot 2 + \psi \Im \iota_{\psi_{I}(0)+1} \left(\Im \psi_{I}(0) \cdot 2 \right) \right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2}) \cdot \psi_I(0))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2})$
-(3,2,1)(4,2,1)(5,1,0)(2,1,0)(3,2,0)	$\cdot \psi_{\Omega_{\psi_I(0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(2,1,0)-	$d_{1}(\Omega_{+}(x) + dx) \qquad (\Omega_{+}(x) + dx)$
-(3,2,1)(4,2,1)(5,1,0)(1,1,1)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2})^2)$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$ah(\Omega, \dots, \perp ah) \qquad (\Omega, \dots, \wedge \Omega)$
-(3,2,1)(4,2,1)(5,1,0)(3,1,0)	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2})^{\Omega})$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	//(0 // (0 1))
-(3,2,1)(4,2,1)(5,1,0)(3,2,0)	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2} + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	2/1(0 + 0)
-(3,2,1)(4,2,1)(5,1,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\psi_I(0)\cdot 2} + \Omega_{\psi_I(0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_{7}(0)\cdot 2} + \psi_{\Omega_{\psi_{7}(0)+2}}(0))$
-(3,2,1)(4,2,1)(5,1,0)(3,2,0)(4,3,0)	$\psi(\mathfrak{L}_{\psi_I}(0).2 + \psi\Omega_{\psi_I(0)+2}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(3,2,0)-	$\psi(\Omega_{\psi_{I}(0)\cdot 2} + \psi_{\Omega_{\psi_{I}(0)+2}}(\Omega_{\psi_{I}(0)\cdot 2}))$
-(4,3,1)(5,3,1)(6,1,0)(1,1,1)-	$\varphi\left(32\psi_{I}(0)\cdot2+\varphi\Omega_{\psi_{I}(0)+2}(32\psi_{I}(0)\cdot2)\right)$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(3,2,0)(4,3,1)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \Omega_{\psi_I(0)+2})$
-(5,3,1)(6,1,0)(4,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2} + \Omega_{\psi_I(0)+\omega})$
-(3,2,1)(4,2,1)(5,1,0)(3,2,1)	$\tau \leftarrow \psi I(0)^{-2} + \psi I(0)^{+\omega}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_{\tau}(0)\cdot 2} + \Omega_{\psi_{\tau}(0)+\omega^2})$
-(3,2,1)(4,2,1)(5,1,0)(3,2,1)(4,2,1)	γ (φ1(0) 2 · φ1(0) (ω γ
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot 2)$
-(5,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(\Omega_{\psi_T(0)\cdot 2}\cdot\omega)$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot \psi_I(0))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot\psi_{\Omega_{\psi_I(0)+1}}(0))$
-(3,2,1)(4,2,1)(5,1,0)(4,1,0)(5,2,0)	Ψ1(Φ)12
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	
-(3,2,1)(4,2,1)(5,1,0)(4,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2} \cdot \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2}))$
-(5,2,1)(6,2,1)(7,1,0)(1,1,1)	The state of the s
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (2,2,1)(4,2,1)(5,1,0)(4,2,0)	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot\Omega_{\psi_I(0)+1})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (2,2,1)(4,2,1)(5,1,0)(4,2,0)(2,2,1)	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot\Omega_{\psi_I(0)+\omega})$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (2,2,1)(4,2,1)(5,1,0)(4,2,0)	
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2}{}^2)$
-(3,2,1)(4,2,1)(5,1,0)(1,1,1)	
-(2,1,1)(3,1,0)(2,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)(3,2,1)-	J/(Q 3)
-(4,2,1)(5,1,0)(4,2,0)(3,2,1)(4,2,1)	$\psi(\Omega_{\psi_I(0)\cdot 2}{}^3)$
-(5,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)-	$\alpha_{l}(\Omega) = \Omega_{l}(x(0), 2)$
-(4,2,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2}{}^{\Omega_{\psi_I(0)\cdot 2}})$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2}{}^{\Omega_{\psi_I(0)\cdot 2}{}^{\Omega_{\psi_I(0)\cdot 2}}})$
-(5,2,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2})^{\psi_I(0)\cdot 2}$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)(5,3,0)	$\psi(\psi_{\Omega_{\psi_I(0)\cdot 2+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2+1})$
-(4,2,0)(5,3,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot 2+\omega})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)(5,3,1)	$\psi(^32\psi_I(0)\cdot 2+\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)-	$\psi(\Omega_{\psi_I(0)\cdot 3})$
-(5,3,1)(6,3,1)(7,1,0)(1,1,1)-	$\psi(\mathfrak{L}\psi_I(0)\cdot\mathfrak{Z})$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)	ψ ($^{2}\psi_{I}(0).\omega$)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot\omega} + 1))$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(3,2,0)	$\psi(\mathfrak{L}^{2}\psi_{I}(0)\cdot\omega+\psi\Omega_{\psi_{I}(0)+1}(\mathfrak{L}^{2}\psi_{I}(0)\cdot\omega+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega} + \Omega_{\psi_I(0)+1})$
-(4,2,1)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}+\Omega_{\psi_I(0)+\omega})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(3,2,1)	$\psi(\Im^{2}\psi_{I}(0).\omega + \Im^{2}\psi_{I}(0)+\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot 2)$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(4,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)$
-(3,2,1)(4,2,1)(5,1,0)-	, () [()
-(4,2,1)(4,1,0)(3,2,0)	$+\psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)+\Omega_{\psi_I(0)+1})$
-(4,2,1)(4,1,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(4,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)+\Omega_{\psi_I(0)+2})$
-(3,2,0)(4,3,1)(5,3,1)(6,1,0)-	$\psi(\mathfrak{s}\iota\psi_I(0).\omega \cdot \psi_I(0) + \mathfrak{s}\iota\psi_I(0) + 2)$
-(5,1,0)(5,3,1)(4,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)+\Omega_{\psi_I(0)+\omega})$
-(4,2,1)(4,1,0)(3,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(4,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0) + \Omega_{\psi_I(0)\cdot\omega}\cdot\Omega)$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(4,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)^2)$
-(4,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_{\Omega_{\psi_I(0)+1}}(0))$
-(4,2,1)(4,1,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\Omega_{\psi_I(0)+1})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(4,2,0)	ψ (35 $\psi_I(0)$: ω 35 $\psi_I(0)$ +1)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(4,2,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega}{}^2)$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\psi_{\Omega_{\psi_I(0)\cdot\omega+1}}(0))$
-(4,2,1)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega+1})$
-(4,2,1)(4,2,0)(5,3,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(4,2,1)-	$\psi(\Omega_{\psi_I(0)\cdot\omega\cdot 2})$
-(4,2,0)(5,3,1)(6,3,1)(7,1,0)(6,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\omega^2})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(4,2,1)	$\Psi \left(^{\omega }\psi _{I}(0)\cdot \omega ^{\omega }\right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\psi_I(0)\cdot\Omega})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(5,1,0)	$\psi \left(22\psi I\left(0\right) \cdot \Omega I\right)$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(5,1,0)	$\psi(\Omega_{\psi_I(0)^2})$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	.//(0
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(5,1,0)	$\psi(\Omega_{\psi_I(0)^\Omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(5,1,0)-	$\psi(\Omega_{\psi_I(0)^{\psi_I(0)}})$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	a/1(O
-(3,2,1)(4,2,1)(5,1,0)(6,2,0)	$\psi(\Omega_{\psi_{\Omega_{\psi_I(0)+1}}(0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	a/y(O
-(3,2,1)(4,2,1)(5,1,0)(6,2,0)(6,2,0)	$\psi(\Omega_{\psi_{\Omega_{\psi_I(0)+1}}(1)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)	$\psi(\Omega_{\psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_{\Omega_{\psi_I(0)+1}}(0)})})$
-(6,2,1)(7,2,1)(8,1,0)(9,2,0)	+1(4)1-
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(\Omega_{\Omega_{\psi_I(0)+1}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\Omega_{\Omega_{\psi_T(0)+\omega}})$
-(3,2,1)(4,2,1)(5,2,0)(3,2,1)	$\psi({}^{2}{}^{i}\Omega_{\psi_I(0)+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	2/2(O _O)
-(3,2,1)(4,2,1)(5,2,0)(3,2,1)(4,2,1)	$\psi(\Omega_{\Omega_{\psi_I(0)+\omega^2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,2,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{\Omega_{\psi_I(0)\cdot 2}})$
-(5,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(\Omega_{\Omega_{\psi_I(0)\cdot\omega}})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(\Omega_{\Omega_{\Omega_{\psi_I(0)+1}}})$
-(3,2,1)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_I(1))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(\psi I(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)-	$\psi(\psi_I(1)+\psi_I(0))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)(1,1,1)-	$\psi(\psi_I(1) + \psi_{\Omega_{\psi_I(0)+1}}(0))$
-(2,1,1)(3,1,0)(2,1,0)(3,2,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)(1,1,1)-	$\psi(\psi_I(1) + \psi_{\Omega_{\psi_I(0)+1}}(\psi_I(1)))$
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(\psi I(1) + \psi \Omega_{\psi_I(0)+1}(\psi I(1)))$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_I(1) + \psi_{\Omega_{\psi_I(0)+1}}(\psi_I(1)) \cdot \Omega)$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)(2,1,0)	$\psi(\psi_I(1) + \psi \Omega_{\psi_I(0)+1}(\psi_I(1)) = 0$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_I(1) + \psi_{\Omega_{\psi_I(0)+1}}(\psi_I(1)+1))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)(3,2,0)	au ($ au$ 1 ($ au$ 2
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(\psi_I(1) + \Omega_{\psi_I(0)+1})$
-(4,0,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_I(1) + \Omega_{\psi_I(0) + \omega})$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)(3,2,1)	γ(γ1() · φ1(σ)(ω)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)-	$\psi(\psi_I(1)\cdot 2)$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_I(1)\cdot\Omega)$
-(3,2,1)(4,2,1)(5,2,0)(4,1,0)	, , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,2,0)(4,1,0)-	$\psi(\psi_I(1)\cdot\psi_I(0))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	
-(3,2,1)(4,2,1)(5,2,0)(4,1,0)(2,1,0)	$\psi(\psi_I(1)\cdot\psi_{\Omega_{\psi_I(0)+1}}(\psi_I(1)))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(\psi_I(1)\cdot\Omega_{\psi_I(0)+1})$
-(4,1,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	17 / (1)2)
-(3,2,1)(4,2,1)(5,2,0)(4,1,0)	$\psi(\psi_I(1)^2)$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(\psi_I(1)^\Omega)$
-(3,2,1)(4,2,1)(5,2,0)(4,1,0)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(\psi_I(1)^{\Omega_{\psi_I(0)+1}})$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	2)(a), (1)\\(\psi_I(1)\)
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)	$\psi(\psi_I(1)^{\psi_I(1)})$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - \\ (3,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,0) \end{array} $	$\psi(\psi_{\Omega_{\psi_I(1)+1}}(0))$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,0)	$f (f \circ \psi_I(1) + 1) = f(f)$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(\Omega_{\psi_I(1)+1})$
-(4,2,0)(5,3,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)-	al/(O)
-(5,3,1)(6,3,1)(7,1,0)(1,1,1)-	$\psi(\Omega_{\psi_I(1)+\psi_I(0)})$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)-	$\psi(\Omega_{\psi_I(1)\cdot 2})$
-(5,3,1)(6,3,1)(7,2,0)(3,2,1)-	$\psi({}^{1}\mathcal{L}\psi_{I}(1)\cdot 2)$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(\Omega_{\Omega_{\psi_I(1)+1}})$
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,0)-	$\psi(\psi_I(2))$
-(5,3,1)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(\psi_I(\omega))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_I(\omega)\cdot\Omega)$
-(3,1,0)(2,1,1)(2,1,0)	$\psi(\psi_I(\omega) \cdot z_I)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(\psi_I(\omega)^2)$
-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\varphi(\varphi_I(\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{\psi_{\tau}(\omega)+1}}(0))$
-(2,1,1)(2,1,0)(3,2,0)	$\psi(\psi \Omega_{\psi_I(\omega)+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)-	$\psi(\Omega_{\psi_I(\omega)\cdot 2})$
-(1,1,1)(2,1,1)(3,1,0)(2,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(2,1,0)(3,2,1)(4,2,1)(5,1,0)	$\psi(\Omega_{\psi_I(\omega)^{\psi_I(\omega)}})$
-(5,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(\Omega_{\psi_{\Omega_{\psi_I(\omega)+1}}(0)})$
-(2,1,0)(3,2,1)(4,2,1)(5,1,0)(6,2,0)	$\psi \left(-\psi \Omega_{\psi_I(\omega)+1}(0) \right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(\Omega_{\Omega_{\psi_I(\omega)+1}})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)	ψ (2.512 $\psi_I(\omega)$ +1.7
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(\psi_I(\omega+1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	7 (71(
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(\psi_I(\omega\cdot 2))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)	γ (γ1(~ -))
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_I(\omega^2))$
-(3,1,0)(2,1,1)(2,1,1)	r (r 1 (* · //

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)	$\psi(\psi_I(\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(\psi_I(\psi_I(0)))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_I(\psi_I(0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(\psi_I(\psi_I(0)) + \psi_I(0) \cdot \Omega)$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(\psi_I(\psi_I(0)) + \psi_I(0) \cdot 32)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_I(\psi_I(0)) + \Omega_{\psi_I(0)+1})$
-(3,1,0)(2,1,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_I(\psi_I(0)) + \psi_I(1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_I(\psi_I(0)) + \psi_I(\omega))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_I(\psi_I(0)) + \psi_I(\Omega))$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_I(\psi_I(0))\cdot 2)$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)	$\psi(\psi I(\psi I(0)) = 2)$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_I(\psi_I(0))\cdot\Omega)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\varphi \left(\varphi I(\varphi I(\lozenge)) \right) = 0$
-(4,2,1)(5,1,0)(2,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{\psi,r}(\psi,r(\Omega))+1}(0))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\forall \ (\forall \ \mathcal{U}_{\psi_I}(\psi_I(0)) + 1 \ (\forall))$
-(4,2,1)(5,1,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(\psi_I(\psi_I(0)+1))$
-(4,2,1)(5,1,0)(4,2,0)(5,3,1)-	
-(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_I(\psi_I(0)+\omega))$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)-	Y (Y1(Y1(V) W))
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,3,1)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)-	$\psi(\psi_I(\psi_I(0)+\Omega))$
-(5,1,0)(4,2,0)(5,3,1)(6,3,1)-	
-(7,3,0)(6,3,1)(7,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_I(\psi_I(0)\cdot\omega))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(\psi_I(\psi_I(0)\cdot\omega))$
-(4,2,1)(5,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)-	a(y(a), (a), (0))
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(\psi_I(\psi_{\Omega_{\psi_I(0)+1}}(0)))$
-(4,2,1)(5,1,0)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_I(\psi_I(1)))$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,2,0)-	$\psi(\psi I(\psi I(1)))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(\psi_I(\psi_I(\omega)))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\varphi(\varphi I(\varphi I(\boldsymbol{\omega})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_I(\psi_I(\Omega)))$
-(3,1,0)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_I(\psi_I(\psi_I(\Omega))))$
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	Ψ(Ψ1(Ψ1(Ψ1(ΞΞ))))
-(3,1,0)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I)$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_I(I))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(\Phi(2,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	//
-(2,1,1)(3,1,0)(2,0,0)(1,1,0)	$\psi(I+1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	//I + O)
-(3,1,0)(2,0,0)(1,1,0)(2,1,0)	$\psi(I+\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,0,0)(1,1,1)-	$\psi(I+\psi_I(0))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,0,0)(1,1,1)(2,1,1)-	$\psi(I+\psi_I(I))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_I(I) \cdot \Omega)$
-(2,1,1)(3,1,0)(2,1,0)	$\psi(I+\psi_I(I)\cdot \Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,1,0)(1,1,1)(2,1,1)-	$\psi(I+\psi_I(I)^2)$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I+\psi_I(I+1))$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I+\psi_I(I+\omega))$
-(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I+\psi_I(I+\psi_I(I)))$
-(5,2,0)(4,2,1)(5,1,0)(1,1,1)(2,1,1)-	$\psi(I + \psi_I(I + \psi_I(I)))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I + \psi_I(I + \psi_{\Omega_{\psi_I(I)+1}}(0)))$
-(5,2,0)(4,2,1)(5,1,0)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I + \psi_I(I + \Omega_{\psi_I(I)+1}))$
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I + \psi_I(I + \psi_I(I+1)))$
-(5,2,0)(4,2,1)(5,2,0)(3,2,1)-	$\psi(I + \psi_I(I + \psi_I(I + 1)))$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(I + \psi_I(I + \psi_I(I + \psi_I(I))))$
-(4,2,1)(5,1,0)(1,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I\cdot 2)$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	
-(4,2,1)(5,2,0)(4,0,0)(1,1,1)(2,1,1)-	$\psi(I\cdot 2 + \psi_I(I\cdot 2))$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)(4,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I \cdot 2 + \psi_I(I \cdot 2 + 1))$
-(5,2,0)(4,2,1)(5,2,0)(4,2,0)-	$\psi(I \cdot 2 + \psi_I(I \cdot 2 + 1))$
-(5,3,1)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(I\cdot 3)$
-(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	$\psi(1\cdot 0)$
-(6,3,1)(7,3,0)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I\cdot\omega)$
-(2,1,1)(3,1,0)(2,1,1)	$\psi(I \cdot w)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I\cdot\omega^2)$
-(2,1,1)(3,1,0)(2,1,1)(2,1,1)	$\psi(I \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I\cdot\Omega)$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)	$\psi(I\cdot \mathfrak{s}\mathfrak{s})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I\cdot\psi_I(I\cdot\Omega))$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^2)$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(I)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2\cdot\omega)$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)	$\varphi(1-\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I^3)$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,0,0)	$\psi(I^\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^{\omega+1})$
-(3,0,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(I)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^{\omega\cdot 2})$
-(3,0,0)(2,1,1)(3,1,0)(3,0,0)	$\psi(1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0)	$\psi(I^\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0)-	$_{c,l,\ell}$ $_{T}\psi_{I}(I^{\Omega})$ $)$
-(1,1,1)(2,1,1)(3,1,0)(3,1,0)	$\psi(I^{\psi_I(I^\Omega)})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I^I)$
-(3,1,0)(3,1,0)(2,0,0)	$\psi(\Phi(1,0,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(I^{I+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0)-	(t I · 2 \
-(2,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi(I^{I\cdot 2})$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I^{I\cdot\omega})$
-(3,1,0)(3,1,0)(3,0,0)	$\psi(I-)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^{I^2})$
-(3,1,0)(3,1,0)(2,0,0)	$\psi(I^-)$
(0.0.0)(1.1.1)(2.1.1)(2.1.0)(4.0.0)	$\psi(I^{I^\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,0,0)	$\psi(\Phi(1@\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,1,0)	$\psi(I^{I^\Omega})$
(0,0,0)(1,1,1)(2,1,1)-	I_{I}
-(3,1,0)(4,1,0)(2,0,0)	$\psi(I^{I^I})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^{I^{I^I}})$
-(4,1,0)(5,1,0)(2,0,0)	$\psi(I-)$
(0,0,0)(1,1,1)(0,1,1)(2,1,0)(4,0,0)	$\psi(\psi_{\Omega_{I+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(arepsilon_{I+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$y_{1}(y_{10}, (0) + y_{10}, (0))$
-(4,2,0)(2,1,0)(3,2,0)	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_{\Omega_{\psi_{I}(\psi_{\Omega_{I+1}}(0))+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{I+1}}(0) + \Omega_{\psi_I(\psi_{\Omega_{I+1}}(0))+1})$
-(4,2,0)(2,1,0)(3,2,0)(4,2,0)	$\psi(\psi\Omega_{I+1}(0) + 2\iota\psi_I(\psi\Omega_{I+1}(0))+1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0) + 1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\varphi(\varphi M_{I+1}(0) + \varphi I(\varphi M_{I+1}(0) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0) + \Omega))$
-(5,2,0)(4,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0))))$
-(5,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	((), (0), T)
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(\psi_{\Omega_{I+1}}(0)+I)$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)- (5,2,0)(4,2,0)(5,2,1)(6,2,1)	$\psi(\psi_{\Omega_{I+1}}(0) + I \cdot 2)$
-(5,2,0)(4,2,0)(5,3,1)(6,3,1)	
-(7,3,0)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - (4,2,0)(2,1,0)(3,2,1)(4,2,1) -	$\psi(\psi_{\Omega_{I+1}}(0) + I \cdot \omega)$
$\begin{array}{c} -(4,2,0)(2,1,0)(5,2,1)(4,2,1) \\ -(5,2,0)(4,2,1)(5,2,0)(4,2,1) \end{array}$	$\psi(\psi\Omega_{I+1}(0)+I\cdot\omega)$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(\psi_{\Omega_{I+1}}(0)+I^2)$
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\psi_{\Omega_{I+1}}(0)+I^{\omega})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(5,0,0)	$\psi(\psi_{\Omega_{I+1}}(0)+1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{\Omega_{I+1}}(0)+I^I)$
-(5,2,0)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\psi_{\Omega_{I+1}}(0)\cdot 2)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,0)	$\psi(\psi_{\Omega_{I+1}}(0)\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,0)	$\psi(\psi_{\Omega_{I+1}}(0)\cdot 3)$
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(8,4,0)	
(0,0,0)(1,1,1)(2,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)	$\psi(\psi_{\Omega_{I+1}}(0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	ab(ab = (0), 0)
-(4,2,0)(2,1,1)(3,1,0)	$\psi(\psi_{\Omega_{I+1}}(0)\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{I+1}}(0)\cdot\psi_I(\psi_{\Omega_{I+1}}(0)\cdot\Omega))$
-(3,1,0)(4,2,0)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{I+1}}(0)\cdot I)$
-(4,2,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{\Omega_{I+1}}(0)\cdot 1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{I+1}}(0)^2)$
-(4,2,0)(2,1,1)(3,1,0)(4,2,0)	$\psi(\psi_{\Omega_{I+1}}(0)^{-})$
(0,0,0)(1,1,1)(2,1,1)-	$a/a/a$ $(\Omega)\Omega$
-(3,1,0)(4,2,0)(3,1,0)	$\psi(\psi_{\Omega_{I+1}}(0)^\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{I+1}}(0)^I)$
-(4,2,0)(3,1,0)(2,0,0)	$\psi(\psi_{\Omega_{I+1}}(0)^-)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{I+1}}(0)^{\psi_{\Omega_{I+1}}(0)})$
-(4,2,0)(3,1,0)(4,2,0)	$\psi(\psi_{\Omega_{I+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{I+1}}(0)^{\psi_{\Omega_{I+1}}(0)^{\Omega}})$
-(3,1,0)(4,2,0)(4,1,0)	$\psi(\psi_{\Omega_{I+1}}(0))^{\cdots I_{I+1}}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{I+1}}(0)^{\psi_{\Omega_{I+1}}(0)^{\psi_{\Omega_{I+1}}(0)}})$
-(4,2,0)(4,1,0)(5,2,0)	$\psi(\psi_{\Omega_{I+1}}(U), \mathbb{I}_{I+1}, \mathbb{I}_{I})$
(0,0,0)(1,1,1)(2,1,1)-	-l.(-l. (1))
-(3,1,0)(4,2,0)(4,2,0)	$\psi(\psi_{\Omega_{I+1}}(1))$
(0,0,0)(1,1,1)(2,1,1)-	als(als (O))
-(3,1,0)(4,2,0)(5,1,0)	$\psi(\psi_{\Omega_{I+1}}(\Omega))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,0)(5,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{I+1}}(\psi_I(\psi_{\Omega_{I+1}}(\Omega))))$
-(3,1,0)(4,2,0)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	-l.(al, (T))
-(4,2,0)(5,1,0)(2,0,0)	$\psi(\psi_{\Omega_{I+1}}(I))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	
-(5,1,0)(4,2,0)(5,1,0)(2,0,0)	$\psi(\psi_{\Omega_{I+1}}(I\cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\psi_{\Omega_{I+1}}(I^2))$
-(5,1,0)(5,1,0)(2,0,0)	$\psi(\psi_{\Omega_{I+1}}(I^-))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{I+1}}(\psi_{\Omega_{I+1}}(0)))$
-(4,2,0)(5,1,0)(6,2,0)	$\psi(\psi_{\Omega_{I+1}}(\psi_{\Omega_{I+1}}(0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1})$
-(4,2,0)(5,2,0)	$\psi(\mathfrak{s}^{i}I+1)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{I+2}}(0))$
-(3,1,0)(4,2,0)(5,3,0)	$\psi(\psi\Omega_{I+2}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+2})$
-(4,2,0)(5,3,0)(6,3,0)	ψ (321+2)
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) \right $	$\psi(\Omega_{I+\omega})$
(0,0,0)(1,1,1)(2,1,1)-	(0
-(3,1,0)(4,2,1)(5,2,1)	$\psi(\Omega_{I+\omega^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	2/1(Q)
-(4,2,1)(5,2,1)(6,1,0)	$\psi(\Omega_{I+\Omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,1,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+\psi_I(\Omega_{I+\Omega})})$
-(3,1,0)(4,2,1)(5,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I\cdot 2})$
-(4,2,1)(5,2,1)(6,1,0)(2,0,0)	ψ (327-2)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I\cdot 2} + \psi_I(\Omega_{I\cdot 2}) \cdot \Omega)$
-(4,2,1)(5,2,1)(6,1,0)(2,1,0)	$\varphi(\mathfrak{s}\mathfrak{s}_{I\cdot 2}+\varphi_I(\mathfrak{s}\mathfrak{s}_{I\cdot 2})-\mathfrak{s}\mathfrak{s})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,1,0)(2,1,0)-	$\psi(\Omega_{I\cdot 2}+\psi_I(\Omega_{I\cdot 2}+1))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,1,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{I\cdot 2}+I)$
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{I\cdot 2}\cdot 2)$
-(5,2,0)(6,3,1)(7,3,1)(8,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I\cdot 2}\cdot\omega)$
-(4,2,1)(5,2,1)(6,1,0)(2,1,1)	$\psi(\mathfrak{s}\iota_{I.2}\cdot\omega)$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	(0 1)
-(5,2,1)(6,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\Omega_{I\cdot 2}\cdot I)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	1/(O I)
-(5,2,1)(6,1,0)(3,1,0)(2,0,0)	$\psi(\Omega_{I\cdot 2}{}^I)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,1,0)(3,1,0)-	$\psi(\Omega_{I\cdot 2}{}^{\psi_{\Omega_{I+1}}(\Omega_{I\cdot 2})})$
-(4,2,1)(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I\cdot2}{}^{\psi_{\Omega_{I+1}}(\Omega_{I\cdot2})\cdot\Omega})$
-(4,2,1)(5,2,1)(6,1,0)(4,1,0)	$\psi(\mathfrak{A}\iota_{I\cdot 2}, \ldots, \iota_{I+1}, \ldots)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I\cdot 2}{}^{\psi_{\Omega_{I+1}}(\Omega_{I\cdot 2}+1)})$
-(4,2,1)(5,2,1)(6,1,0)(4,2,0)	$\psi(\Omega_{I,2}, \dots, 1, 1, \dots, 1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,1,0)(4,2,0)-	$\psi(\Omega_{I\cdot 2}{}^{\Omega_{I+1}})$
-(5,3,1)(6,3,1)(7,1,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$A_{\nu}(\Omega = \Omega_{I+\nu})$
-(4,2,1)(5,2,1)(6,1,0)(4,2,1)	$\psi(\Omega_{I.2}{}^{\Omega_{I+\omega}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,1,0)(4,2,1)-	$\psi(\Omega_{I\cdot 2}{}^{\Omega_{I\cdot 2}})$
-(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{I\cdot 2}{}^{\Omega_{I\cdot 2}{}^I})$
-(5,2,1)(6,1,0)(5,1,0)(2,0,0)	$\psi(\mathfrak{U}_{I\cdot 2}$ - $)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{\Omega_{L,2+1}}(0))$
-(5,2,1)(6,1,0)(5,2,0)(6,3,0)	$\psi(\psi_{\Omega_{I\cdot 2+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{I\cdot 2+1})$
-(5,2,1)(6,1,0)(5,2,0)(6,3,0)(7,3,0)	$\psi(\mathfrak{st} l.2+1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,1,0)(5,2,0)-	$\psi(\Omega_{I\cdot 3})$
-(6,3,1)(7,3,1)(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I\cdot\omega})$
-(4,2,1)(5,2,1)(6,1,0)(5,2,1)	$\psi(\mathfrak{s}\mathfrak{s}I.\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{I^2})$
-(5,2,1)(6,1,0)(5,2,1)(6,1,0)(2,0,0)	$\psi(\mathfrak{s}\iota_{I^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{I^I})$
-(5,2,1)(6,1,0)(6,1,0)(2,0,0)	$\psi(25/1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$g_{\mathcal{U}}(\mathbf{O}, \mathbf{O})$
-(4,2,1)(5,2,1)(6,1,0)(7,2,0)	$\psi(\Omega_{\psi_{\Omega_{I+1}}(0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{I+1}})$
-(4,2,1)(5,2,1)(6,2,0)	$\psi({}^{2}{}^{0}{}^{0}{}^{1}{}^{1}{}^{1}{}^{1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{I+\omega}})$
-(4,2,1)(5,2,1)(6,2,0)(4,2,1)	$\psi(\mathfrak{sol}_{I+\omega})$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	2//(0
-(5,2,1)(6,2,0)(4,2,1)(5,2,1)(6,2,0)	$\psi(\Omega_{\Omega_{\Omega_{I+1}}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	ch(ch. (0))
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(\psi_{I_2}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{I_2}(0) + \psi_I(\psi_{I_2}(0)))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,0,0)(2,1,0)(3,2,1)-	$\psi(\psi_{I_2}(0)+I)$
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,0,0)(2,1,0)-	$\psi(\psi_{I_2}(0)\cdot 2)$
-(3,2,1)(4,2,1)(5,2,0)(6,3,1)-	$\psi(\psi_{I_2}(0)\cdot 2)$
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I_2}(0)\cdot\omega)$
-(5,2,1)(6,2,0)(5,0,0)(2,1,1)	$\varphi(\varphi_{I_2}(0),\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I_2}(0)^\Omega)$
-(5,2,1)(6,2,0)(5,0,0)(3,1,0)	Ψ (Ψ12(♥))
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,0,0)(3,1,0)-	$\psi(\psi_{I_2}(0)^{\psi_I(\psi_{I_2}(0))})$
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	Ψ (Ψ12(Θ)
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I_2}(0)^I)$
-(5,2,1)(6,2,0)(5,0,0)(3,1,0)(2,0,0)	/ (/ 12 (/)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I_2}(0)^{\psi_{\Omega_{I+1}}(0)})$
-(5,2,1)(6,2,0)(5,0,0)(3,1,0)(4,2,0)	, (, 12 ())
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	. (((0))
-(5,2,1)(6,2,0)(5,0,0)(3,1,0)-	$\psi(\psi_{I_2}(0)^{\psi_{\Omega_{I+1}}(\psi_{I_2}(0))})$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{I_2}(0)^{\psi_{\Omega_{I+1}}(\psi_{I_2}(0)+1)})$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)(4,2,0)	, (, -2 ()
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	1/1 (0) (0) \ 2
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)-	$\psi(\psi_{I_2}(0)^{\psi_{I_2}(0)})$?
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{I_2}(0)^{\psi_{I_2}(0)^{\Omega_{\psi_{I(0)}+1}}})?$
-(4,2,1)(5,2,1)(6,2,0)(5,2,0)	, , , -2 , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{\psi_{I_2}(0)+1}}(0))$
-(4,2,1)(5,2,1)(6,2,0)(5,2,0)(6,3,0)	$\psi_{I_2}(0)+1$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)	$\psi(\psi_{\Omega_{\psi_{I_2}(0)+1}}(1))$
-(5,2,1)(6,2,0)(5,2,0)(6,3,0)(6,3,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	1/0
-(5,2,1)(6,2,0)(5,2,0)(6,3,0)(7,3,0)	$\psi(\Omega_{\psi_{I_2}(0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,2,0)-	$\psi(\Omega_{\Omega_{\psi_{I_{2}}(0)+1}})$
-(6,3,1)(7,3,1)(8,3,0)	-2
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,2,0)-	$\psi(\psi_{I_2}(1))$
-(6,3,1)(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)	$\psi(\psi_{I_2}(\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,2,1)(6,1,0)	$\psi(\psi_{I_2}(\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I_2}(I))$
-(5,2,1)(6,2,0)(5,2,1)(6,1,0)(2,0,0)	$\psi(\psi I_2(I))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)-	$\psi(\psi_{I_2}(I^2))$
-(6,1,0)(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I_2}(\psi_{\Omega_{I+1}}(0)))$
-(5,2,1)(6,2,0)(5,2,1)(6,1,0)(7,2,0)	$\psi(\psi I_2(\psi \Omega_{I+1}(0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I_2}(\Omega_{I+1}))$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)	$\psi(\psi I_2(\mathfrak{s}^{\mathfrak{s}}I+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I_{lpha}}(\Omega_{I+\omega}))$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(4,2,1)	$\varphi(\varphi I_2(uI+\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)-	$\psi(\psi_{I_2}(\Omega_{\Omega_{I+1}}))$
-(6,2,0)(4,2,1)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)(6,2,0)	$\psi(\psi_{I_2}(\psi_{I_2}(0)))$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(4,2,1)	$\psi(\psi_{I_2}(\psi_{I_2}(\Omega_{I+1})))$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2)$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(5,0,0)	Ψ (-2)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)-	$\psi(I_2 \cdot 2)$
-(5,2,0)(6,3,1)(7,3,1)(8,3,0)-	r (-2 -)
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2\cdot\omega)$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(5,2,1)	Ψ(12 w)

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)-	$\psi({I_2}^2)$
-(6,2,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi({I_2}^I)$
-(4,2,1)(5,2,1)(6,2,0)(6,1,0)(2,0,0)	$\psi(1_2^-)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2{}^{I_2})$
-(5,2,1)(6,2,0)(6,2,0)(5,0,0)	$\psi(I_2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{I_2+1}}(0))$
-(4,2,1)(5,2,1)(6,2,0)(7,3,0)	$\varphi(\varphi\Omega_{I_2+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{\Omega_{I_2+1}}(1))$
-(5,2,1)(6,2,0)(7,3,0)(7,3,0)	$\varphi(\psi\Omega_{I_2+1}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{I_2+1})$
-(5,2,1)(6,2,0)(7,3,0)(8,3,0)	Ψ(5212+1)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{\Omega_{I_2+1}})$
-(5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,0)	$\psi \left(-2\Omega I_{2}+1\right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(7,3,1)	$\psi(\psi_{I_3}(0))$
-(8,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -	
-(5,2,1)(6,2,0)(7,3,1)(8,3,1)	$\psi(I_3)$
-(9,3,0)(8,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(I_\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I_{\omega}+\psi_I(0))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(I_{\omega} + \psi I(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_\omega + \psi_I(I))$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\varphi(1\omega + \varphi I(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I_{\omega} + \psi_I(\psi_{\Omega_{I+1}}(0)))$
-(1,1,1)(2,1,1)(3,1,0)(4,2,0)	Ψ (-ω + Ψ1 (Ψ3εΙ+1 (Ψ)))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_I(\Omega_{I+1}))$
-(2,1,1)(3,1,0)(4,2,0)(5,2,0)	7 (-w · 71(171))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_{\omega} + \psi_I(\psi_{I_2}(0)))$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_\omega + \psi_I(I_\omega))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	/ (w · /1 (w//
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I_{\omega})+1}}(0))$
-(5,2,1)(6,2,1)(2,1,0)(3,2,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
-(2,1,0)(3,2,0)(4,1,0)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I_{\omega})+1}}(I_{\omega}))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{\omega} + \Omega_{\psi_I(I_{\omega})+1})$
-(6,2,1)(2,1,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I_{\omega} + \psi_I(I_{\omega} + 1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I_{\omega} + \psi_I(I_{\omega} + \omega))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	(/7 7)
-(6,2,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I_{\omega}+I)$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(0))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,0)	· ·
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}))$
-(6,2,1)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	ah(I + ah - (I))
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(1,1,1)	$\psi(I_\omega + \psi_{\Omega_{I+1}}(I_\omega)$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$+\psi_{\Omega_{\psi_I(I_\omega)+1}}(I_\omega+\psi_{\Omega_{I+1}}(I_\omega)))$
-(6,2,1)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(2,1,0)	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + \psi_I(I_{\omega} + 1))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I_\omega + \psi_{\Omega_{I+1}}(I_\omega)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$+\psi_I(I_\omega + \psi_{\Omega_{I+1}}(I_\omega)))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)	·
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I_\omega + \psi_{\Omega_{I+1}}(I_\omega)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$+\psi_I(I_\omega + \psi_{\Omega_{I+1}}(I_\omega) + 1))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + \psi_I(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + \omega))$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)-	
-(5,3,1)(6,3,1)(7,3,0)(6,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(3,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + I)$
-(4,2,1)(5,2,0)(4,2,0)(5,3,1)(6,3,1)-	
-(7,3,0)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) \cdot 2)$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)-	
-(5,3,1)(6,3,1)(7,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_\omega + \psi_{\Omega_{I+1}}(I_\omega) \cdot \omega)$
-(5,2,1)(6,2,1)(2,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) \cdot I)$
-(6,2,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega})^2)$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_{\omega}+\Omega_{I+1})$
-(5,2,1)(6,2,1)(4,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_\omega + \psi_{I_2}(0))$
-(6,2,1)(4,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_\omega + \psi_{I_3}(0))$
-(4,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\varphi (^{1}\omega + \varphi I_{3}(^{\circ}))$
-(9,3,1)(7,3,1)(8,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I_\omega\cdot 2)$
-(3,1,1)(1,1,1)(2,1,1)(3,1,1)	Υ (+ω -2)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)	$\psi(I_\omega\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi({I_\omega}^2)$
-(2,1,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(I_{\omega})$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{L_{*}+1}}(0))$
-(3,1,1)(2,1,0)(3,2,0)	$\psi(\psi_{\Omega_{I_{\omega}+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{\Omega_{I_{ci}+1}})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi({}^{\iota_2}\Omega_{I_\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-	$\psi(\psi_{I_{\omega+1}}(0))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(\psi I_{\omega+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(I_{\omega+1})$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,1)	$\psi(I_{\omega+2})$
-(7,3,1)(8,3,0)(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I_{\omega \cdot 2})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(1_\omega.2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I_{\omega\cdot 3})$
-(4,2,0)(5,3,1)(6,3,1)(7,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)	$\psi(I_{\omega^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I_{\omega^2+1})$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\omega^2+\omega})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\varphi(1\omega^2+\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\omega^2\cdot 2})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)	$\Psi(^{\perp}\omega^{2}\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I_{\omega^3})$
-(3,1,1)(2,1,1)(2,1,1)	Ψ (1ω")
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I_\Omega)$
-(3,1,1)(2,1,1)(3,1,0)	Ψ(111)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\psi_I(0)})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(1\psi_I(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\psi_I(\psi_{\Omega_{I+1}}(0))})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi \left({}^{\perp}\psi_{I}(\psi_{\Omega_{I+1}}(0)) \right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I_{\psi_I(I_\omega)})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\psi_I(I_\Omega)})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(5,2,1)(6,1,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)	
-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(1,1,1)-	$\psi(I_{\psi_I(I_{\psi_I(I_\Omega)})})$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	1 × ap/-
-(6,2,1)(5,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_I)$
-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)(4,2,1)-	$\psi(I_{I_2})$
-(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	
-(9,3,1)(8,3,1)(9,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{I_{\omega}})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(\Pi_{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I_{I_\Omega})$
-(3,1,1)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)-	$\psi(I_{I_{I_{\Omega}}})$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,1)-	ψ ($^{2}II_{\Omega}$)
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)	
	$\psi(I_{I_{I_{}}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I(1,0)}(0))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(\mathrm{IFP})$
	$\psi((1-)^{1,0} \ 2 \ 1-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)	$\psi(\psi_{I(1,0)}(0)\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)	
-(3,1,0)(2,1,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(\psi_{I(1,0)}(0)\cdot I_{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)	
-(3,1,0)(2,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_{I(1,0)}(0)^2)$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)	
-(3,1,0)(2,1,0)(2,1,0)(1,1,1)(2,1,1)	$\psi(\psi_{I(1,0)}(0)^3)$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	, ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	(0.0)
-(2,1,1)(3,1,0)(2,1,0)(3,1,0)	$\psi(\psi_{I(1,0)}(0)^\Omega)$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,0)(3,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_{I(1,0)}(0)^{\psi_{I(1,0)}(0)})$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,0)	$\psi(\psi_{\Omega_{\psi_{I(1,0)}(0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	ah(O
-(2,1,1)(3,1,0)(2,1,0)(3,2,0)(4,2,0)	$\psi(\Omega_{\psi_{I(1,0)}(0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	oh(O
-(5,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{\psi_{I(1,0)}(0)\cdot 2})$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\eta h(\mathbf{O}_{\mathbf{O}})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(\Omega_{\Omega_{\psi_{I(1,0)}(0)+1}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{\Omega_{\Omega_{\psi_{I(1,0)}(0)+1}}})$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(\psi_{I_{\psi_{I(1,0)}(0)+1}}(0))$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(\psi_{I_{\psi_{I(1,0)}(0)+1}}(1))$
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(\psi_{I_{\psi_{I(1,0)}(0)+1}}(\omega))$
-(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I_{\psi_{I(1,0)}(0)+1})$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{I_{\psi_{I(1,0)}(0)+1}+1})$
-(4,2,1)(5,2,0)(6,3,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{I_{\psi_{I(1,0)}(0)+1}+2}(0))$
-(5,2,0)(6,3,1)(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I_{\psi_{I(1,\Omega)}(0)+2})$
-(5,2,0)(6,3,1)(7,3,1)(8,3,0)-	r (ΨI(1,0)(Θ)+27
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\psi_{I(1,0)}(0)+\omega})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I_{\psi_{I(1,0)}(0)+\omega^2})$
-(4,2,1)(5,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$ab(I_{-},)$
-(5,2,1)(4,2,1)(5,1,0)(1,1,1)(2,1,1)-	$\psi(I_{\psi_{I(1,0)}(0)\cdot 2})$
-(3,1,1)(2,1,0)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I_{\Omega_{\psi_{I(1,0)}(0)+1}})$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I_{I_{\Omega_{\psi_{I(1,\Omega)}(0)+1}}})$
-(5,2,1)(4,2,1)(5,2,0)(3,2,1)-	$\tau \left(-\Omega_{\Psi} I(1,0)(0) + 1 \right)$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(\psi_{I(1,0)}(1))$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{I(1,0)}(2))$
-(5,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	$\varphi \left(\Psi I(1,0)(2)\right)$
-(6,3,1)(7,3,1)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I(1,0)}(\omega))$
-(2,1,1)(3,1,0)(2,1,1)	r (r 1 (1,0) (··/)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I(1,0)}(\omega^2))$
-(2,1,1)(3,1,0)(2,1,1)(2,1,1)	/ (/ I(1,0)(** //
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I(1,0)}(\Omega))$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)	, (,1(1,0)(//
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_{I(1,0)}(\psi_{I(1,0)}(\Omega)))$
-(3,1,1)(2,1,1)(3,1,0)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)-	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0)))$
-(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	((, , , , , , , , , , , , , , , , , ,
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0)) \cdot \Omega)$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,1,0)	(
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + \psi_{\Omega_{\psi_{I(1,0)}(I(1,0))+1}}(0))$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,0)	$\psi_{I(1,0)}(I(1,0))+1$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + \psi_{\Omega_{\psi_{I(1,0)}(I(1,0))+1}}(0))$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,0)	f(x, y,

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,0) + \Omega_{\psi_{I(1,0)}(I(1,0))+1})$
-(2,1,0)(3,2,0)(4,2,0)	(),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)	(///1 0) + 0
-(4,2,1)(5,1,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(I(1,0) + \Omega_{\psi_{I(1,0)}(I(1,0))\cdot 2})$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,0) + \Omega_{\Omega_{\psi_{I(1,0)}(I(1,0))+1}})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)	-(-,0)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I(1,0) + \psi_{I_{\psi_{I(1,0)}(I(1,0))+1}}(0))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	1,130)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))+1})$
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)(4,0,0)	, · · ·
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))+\omega})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	
-(4,2,1)(5,2,1)(4,2,1)(5,1,0)-	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))\cdot 2})$
-(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0) + 1))$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0) + \omega))$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0))$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,2,1)-	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
-(5,1,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$+\psi_{I(1,0)}(I(1,0)))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I(1,0)\cdot 2)$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)-	Ψ(1(1,0) 2)
-(4,2,1)(5,2,0)(4,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)\cdot\omega)$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)	$\psi(I(1,0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)\cdot\Omega)$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)(3,1,0)	$\psi(I(1,0),32)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,0)\cdot\psi_{I(1,0)}(I(1,0)))$
-(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(I(1,0) \cdot \psi_{I(1,0)}(I(1,0)))$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,0)^2)$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,0)^2 \cdot \omega)$
-(2,1,1)(3,1,0)(2,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I(1,0)^3)$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0)^\omega)$
-(2,1,1)(3,1,0)(3,0,0)	$\varphi(\Gamma(1,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0)^{I(1,0)})$
-(2,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi(I(1,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{I(1,0)+1}}(0))$
-(2,1,1)(3,1,0)(4,2,0)	$\varphi(\varphi\Omega_{I(1,0)+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{I(1.0)+1})$
-(2,1,1)(3,1,0)(4,2,0)(5,2,0)	ψ (321(1,0)+1)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I(1,0)+\Omega})$
-(3,1,0)(4,2,1)(5,2,1)(6,1,0)	Ψ (==I(1,0)+32)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,1,0)(1,1,1)-	$\psi(\Omega_{I(1,0)\cdot 2})$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I(1,0)\cdot\omega})$
-(3,1,0)(4,2,1)(5,2,1)(6,1,0)(5,2,1)	Ψ (=-1(1,0)·ω)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{\psi_{\Omega_{I(1,0)+1}}(0)})$
-(3,1,0)(4,2,1)(5,2,1)(6,1,0)(7,2,0)	$\gamma (0.5 \psi \Omega_{I(1,0)+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{\Omega_{I(1,0)+1}})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\psi_{I_{I(1,0)+1}}(0))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,0)(5,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{I(1,0)+1})$
-(6,2,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	//7
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I_{I(1,0)+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)	
-(6,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I_{I(1,0)+\psi_{I(1,0)}(0)})$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{I(1,0)\cdot 2})$
-(6,2,1)(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)	$\psi(I_{I(1,0)\cdot\omega})$
-(6,2,1)(5,2,1)(6,1,0)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{I(1,0)^\omega})$
-(6,2,1)(5,2,1)(6,1,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{\psi_{\Omega_{I(1,0)+1}}(0)})$
-(6,2,1)(5,2,1)(6,1,0)(7,2,0)	-(-,-,) -
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)	$\psi(I_{\Omega_{I(1,0)+1}})$
-(6,2,1)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	
-(6,2,1)(5,2,1)(6,2,0)(4,2,1)-	$\psi(I_{\psi_{I_{I(1,0)+1}}(0)})$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	
-(5,2,1)(6,2,0)(4,2,1)(5,2,1)-	$\psi(I_{I_{I(1,0)+1}})$
-(6,2,0)(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_{I_{I(1,0)+\omega}})$
-(5,2,1)(6,2,0)(4,2,1)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	9/1 (1 ,)
-(5,2,1)(6,2,0)(4,2,1)(5,2,1)-	$\psi(I_{I_{\Omega_{I(1,0)+1}}})$
-(6,2,1)(5,2,1)(6,2,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I(1.1)}(0))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	
-(6,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi((1-)^{(1,0)} \ 2 \ 1 - 2 \ \text{aft} \ (2 \ 1-)^2 \ 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(\psi_{\Omega_{\psi_{I(1,1)}(0)+1}}(0))$
-(6,2,1)(5,2,1)(6,2,0)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$q/(q/\tau)$ (0))
-(5,2,1)(6,2,0)(5,2,0)(6,3,1)-	$\psi(\psi_{I_{\psi_{I(1,1)}(0)+1}}(0))$
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I_{\psi_{I(1,1)}(0)+\omega})$
-(6,2,0)(5,2,0)(6,3,1)(7,3,1)(8,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(\psi_{I(1.1)}(1))$
-(6,2,0)(5,2,0)(6,3,1)(7,3,1)-	$\psi(\psi_{I(1,1)}(1))$
-(8,3,1)(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(\psi_{I(1,1)}(\omega))$
-(6,2,1)(5,2,1)(6,2,0)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(\psi_{I(1,1)}(\psi_{I(1,0)}(0)))$
-(6,2,0)(5,2,1)(6,1,0)(1,1,1)-	$\psi(\psi I(1,1)(\psi I(1,0)(0)))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,1))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	
-(6,2,0)(5,2,1)(6,2,0)(5,0,0)	$\psi(2\text{nd }(2\ 1-)^2\ 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,2))$
-(6,2,0)(7,3,1)(8,3,1)(9,3,1)-	$\psi(3\text{rd}\ (2\ 1-)^2\ 2)$
-(8,3,1)(9,3,0)(8,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I(1,\omega))$
-(3,1,1)(2,1,1)(3,1,1)	$\psi(1-(2\ 1-)^2\ 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)	$\psi(I(1,\omega^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	oh(I/1 O\\
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)	$\psi(I(1,\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(I(1,\psi_I(0)))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I(1,\psi_I(I(1,\Omega))))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(1,\psi_I(I(1,22))))$
-(5,2,1)(6,2,1)(5,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I(1,I))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)	Ψ(1(1,1))
-(6,2,1)(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(I(1,I_\omega))$
-(1,1,1)(2,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I(1,\psi_{I(1,0)}(0)))$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(1,I(1,0)))$
-(5,2,1)(6,2,1)(5,2,1)(6,2,1)	
-(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I(1,I(1,\Omega)))$
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(I(1,I(1,I(1,\Omega))))$
-(1,1,1)(2,1,1)(3,1,1)(2,1,1)	
-(3,1,1)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\psi_{I(2,0)}(0))$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi((1-)^{1,0} (2 1-)^2 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$q_{1}(q_{2})$ (0))
-(3,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,0)	$\psi(\psi_{\Omega_{\psi_{I(2,0)}(0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(\psi_{I_{\psi_{I(2,0)}(0)+1}}(0))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(\psi_{I(1,\psi_{I(2,0)}(0)+1)}(0))$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(2,1,0)-	(1)
-(3,2,1)(4,2,1)(5,2,1)(4,2,1)-	$\psi(\psi_{I(2,0)}(1))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(\psi_{I(2,0)}(\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(I(2,0))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	21/21/2007
-(3,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(\psi_{\Omega_{I(2,0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	ch(O
-(3,1,1)(2,1,1)(3,1,0)(4,2,0)(5,2,0)	$\psi(\Omega_{I(2,0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{I(2,0)+1})$
-(6,2,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(1, I(2, 0) + 1))$
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)-	$\psi(I(1,I(2,0)+1))$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I(2,1))$
-(6,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(2,1))$
-(6,2,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(2,\omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(I(2,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(2,\Omega))$
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)	$\psi(I(2,32))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I(3,0)}(0))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,0,0)	$\psi(I(\omega,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)	$\psi((2\ 1-)^{\omega}\ 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	.//[/0)0)
-(3,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)	$\psi(I(\omega,0)\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I(\omega,0)\cdot\Omega)$
-(3,1,1)(3,0,0)(2,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(\omega,0)^2)$
-(2,1,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	ab(ab (0))
-(3,0,0)(2,1,0)(3,2,0)	$\psi(\psi_{\Omega_{I(\omega,0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{I(\omega,0)+1})$
-(3,0,0)(2,1,0)(3,2,0)(4,2,0)	$\psi(^{12}I(\omega,0)+1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,0,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I_{I(\omega,0)+1})$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)-	$\psi(I(1,I(\omega,0)+1))$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(2,I(\omega,0)+1))$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)-	$\varphi(z(z, 1(\omega, 0) + 1))$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(\omega,1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)	$\varphi(I(\omega,I))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)	$\psi(I(\omega,2))$
-(4,2,0)(5,3,1)(6,3,1)(7,3,1)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I(\omega,\omega))$
-(3,1,1)(3,0,0)(2,1,1)	φ(Γ(ω,ω))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega,\Omega))$
-(3,0,0)(2,1,1)(3,1,0)	γ (± (ω ,))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I(\omega,I(\omega,\Omega)))$
-(3,1,1)(3,0,0)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I(\omega+1,0)}(0))$
-(3,0,0)(2,1,1)(3,1,0)(2,0,0)	$\varphi \left(\varphi I(\omega+1,0) \left(\heartsuit \right) \right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(\psi_{I(\omega+2,0)}(0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\varphi \left(\varphi I(\omega+2,0) \left(\bigcirc \right) \right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega\cdot 2,0))$
-(3,0,0)(2,1,1)(3,1,1)(3,0,0)	γ(±(ω =, ψ))
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I(\omega^2,0))$
-(3,1,1)(3,0,0)(3,0,0)	φ(Γ(ω, γογ)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	$\psi(I(\Omega,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(I(\psi_I(0),0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(I,0))$
-(5,2,1)(6,2,1)(6,1,0)(2,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)	$\psi(I(I(1,0),0))$
-(4,2,1)(5,2,1)(6,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	.//[//(0,0),0))
-(3,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	$\psi(I(I(\Omega,0),0))$
(0.0.0)(1.1.1)(0.1.1)	$\psi(\psi_{I(1,0,0)}(0))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\psi_M(M^M)}(0))$
-(3,1,1)(3,1,0)(2,0,0)	$\psi((2\ 1-)^{1,0}\ 2)$
(0,0,0)(1,1,1)(2,1,1)-	
-(3,1,1)(3,1,0)(2,1,0)	$\psi(\psi_{I(1,0,0)}(0)\cdot\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	4-22
-(3,1,0)(2,1,0)(3,2,0)	$\psi(\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	14.1
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(\psi_{I_{\psi_{I(1,0,0)}(0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	(0) (1)
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)	$\psi(I(\omega,\psi_{I(1,0,0)}(0)+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	(1/0 / (0) + 1))
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$\psi(I(\Omega,\psi_{I(1,0,0)}(0)+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$\psi(I(\psi_{I(1,0,0)}(0),1))$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I(\psi_{I(1,0,0)}(0),1) + \psi_{I(1,0,0)}(0))$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)-	$\psi(I(\psi_{I(1,0,0)}(0),1) + \psi_{I(1,0,0)}(0))$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I(\psi_{I(1,0,0)}(0),1) + \psi_{I(1,0,0)}(0) \cdot \Omega)$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),1) + \psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0))$
-(5,1,0)(1,1,1)(2,1,1)(3,1,1)-	φ (* (φ 1(1,0,0)(φ)) * φ * ψ 4(1,0,0)(0)+1(φ))
-(3,1,0)(2,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I(\psi_{I(1,0,0)}(0),1)$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,1,0)-	$+\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(I(\psi_{I(1,0,0)}(0),1)))$
-(3,2,1)(4,2,1)(5,2,1)(5,1,0)(1,1,1)-	
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\psi_{I(1,0,0)}(0),1) + \psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(I(\psi_{I(1,0,0)}(0),1)) \cdot \Omega)$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	
-(5,2,1)(5,1,0)(2,1,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),1) + \Omega_{\psi_{I(1,0,0)}(0)+1})$
-(5,2,1)(5,1,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),1) + \Omega_{\psi_{I(1,0,0)}(0)+\omega})$
-(5,2,1)(5,1,0)(3,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(I(\psi_{I(1,0,0)}(0),1) + I_{\psi_{I(1,0,0)}(0)+\omega})$
-(5,1,0)(3,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$\psi(I(\psi_{I(1,0,0)}(0),1) + I(\omega,\psi_{I(1,0,0)}(0)+1))$
-(3,2,1)(4,2,1)(5,2,1)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$\psi(I(\psi_{I(1,0,0)}(0),1) + I(\Omega,\psi_{I(1,0,0)}(0)+1))$
-(3,2,1)(4,2,1)(5,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	(0) 1) 0)
-(3,2,1)(4,2,1)(5,2,1)(5,1,0)(1,1,1)	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot 2)$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\Omega)$
-(5,2,1)(5,1,0)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	(0) 1) (0)
-(5,1,0)(4,1,0)(1,1,1)(2,1,1)-	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\psi_{I(1,0,0)}(0))$
-(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\psi_{I(1,0,0)}(0)$
-(4,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$+I(\psi_{I(1,0,0)}(0),1))$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)(-	
-2,1,0)(3,2,1)(4,2,1)(5,2,1)	
-(5,1,0)(4,1,0)(4,1,0)(1,1,1)-	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\psi_{I(1,0,0)}(0)^2)$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0))$
-(5,1,0)(4,1,0)(5,2,0)	1(1,0,0)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot I_{\psi_{I(1,0,0)}(0)+\omega})$
-(4,1,0)(5,2,1)(6,2,1)(7,2,1)	(, , , , , , , , , , , , , , , , , , ,

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	(0) 1)2)
-(4,1,0)(5,2,1)(6,2,1)(7,2,1)(7,1,0)	$\psi(I(\psi_{I(1,0,0)}(0),1)^2)$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	
-(4,1,0)(5,2,1)(6,2,1)(7,2,1)(7,1,0)	$ab(I(ab, (0), 1)^3)$
-(4,2,1)(5,2,1)(5,1,0)(4,1,0)(5,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),1)^3)$
-(6,2,1)(7,2,1)(7,1,0)(1,1,1)-	
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	
-(5,1,0)(4,1,0)(5,2,1)(6,2,1)(7,2,1)	$\psi(I(\psi_{I(1,0,0)}(0),1)^{\psi_{I(1,0,0)}(0)})$
-(7,1,0)(5,1,0)(1,1,1)(2,1,1)-	
-(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{\Omega_{I(\psi_{I(1,0,0)}(0),1)+1}}(0))?$
-(5,2,1)(5,1,0)(4,2,0)	, , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{I(\psi_{I(1,0,0)}(0),1)+\omega})$
-(5,2,1)(5,1,0)(4,2,0)(5,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I_{I(\psi_{I(1,0,0)}(0),1)+\omega})$
-(4,2,0)(5,3,1)(6,3,1)(7,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I(\Omega, I(\psi_{I(1,0,0)}(0), 1) + 1))$
-(4,2,0)(5,3,1)(6,3,1)(7,3,1)(7,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I(\psi_{I(1,0,0)}(0),2))$
-(4,2,0)(5,3,1)(6,3,1)(7,3,1)(7,1,0)-	$\psi(1(\psi_{I(1,0,0)}(0),2))$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),\omega))$
-(5,2,1)(5,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)))$
-(4,2,1)(5,1,0)(1,1,1)(2,1,1)-	Ψ (± (Ψ1(1,0,0)(♥), Ψ1(1,0,0)(♥)))
-(3,1,1)(3,1,0)(2,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)+\omega))$
-(5,1,0)(4,2,1)(5,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$ab(I(ab + \cdots + (0) + ab + \cdots + (0) + 2))$
-(4,2,1)(5,1,0)(4,2,1)(5,1,0)(1,1,1)	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)\cdot 2))$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0))$
-(5,1,0)(4,2,1)(5,1,0)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),\Omega_{\psi_{I(1,0,0)}(0)+1})$
-(5,2,1)(5,1,0)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),I(\psi_{I(1,0,0)}(0),1))$
-(5,2,1)(5,1,0)(1,1,1)(2,1,1)-	
-(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\psi_{I(\psi_{I(1,0,0)}(0)+1,0)}(0))$
-(5,1,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I(\psi_{I(1,0,0)}(0)+1,0))$
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$\psi(I(\psi_{I(1.0,0)}(0)+2,0))$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)	/ ((/ I(1,0,0) (· / · / · / · / · / · / · / · / · / ·
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0)+\omega,0))$
-(5,1,0)(4,2,1)(5,2,1)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I(\psi_{I(1.0.0)}(0)\cdot 2,0))$
-(4,2,1)(5,2,1)(5,1,0)(1,1,1)-	(((- (-),,,,) () / / / / /
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(I(\psi_{I(1,0,0)}(0)\cdot\omega,0))$
-(5,2,1)(5,1,0)(5,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	old I(al. (0)2 (0))
-(5,1,0)(5,1,0)(1,1,1)(2,1,1)-	$\psi(I(\psi_{I(1,0,0)}(0)^2,0))$
-(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I(\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0),0))$
-(5,2,1)(5,1,0)(6,2,0)	1(1,0,0)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	(///0
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,0)	$\psi(I(\Omega_{\psi_{I(1,0,0)}(0)+1},0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(I_{\psi_{I(1,0,0)}(0)+\omega},0))$
-(5,2,0)(3,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(I(\Omega_{\psi_{I(1,0,0)}(0)+1},0),0))$
-(5,2,0)(3,2,1)(4,2,1)(5,2,1)(5,2,0)	71(1,0,0)(7)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(\psi_{I(1,0,0)}(1))$
-(5,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	
-(5,2,0)(4,2,0)(5,3,1)(6,3,1)-	$\psi(\psi_{I(1,0,0)}(2))$
-(7,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)-	
-(3,1,1)(3,1,0)(2,1,1)	$\psi(\psi_{I(1,0,0)}(\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	(2)
-(3,1,0)(2,1,1)(3,1,0)	$\psi(\psi_{I(1,0,0)}(\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_{I(1.0.0)}(\psi_{I(1.0.0)}(\Omega)))$
-(3,1,1)(3,1,0)(2,1,1)(3,1,0)	
	$\psi(I(1,0,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_M(M^M))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_M(M^M))$
(0,1,0)(2,1,1)(0,1,0)(2,0,0)	
	$\psi((2\ 1-)^{1,1}\ 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,0,0)(1,1,1)(2,1,1)-	$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0)))$
-(3,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0)) \cdot \Omega)$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)	/ (/ - / - / · / / 1(1,0,0)(= (-) ~ / · / / / /
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0,0) + \psi_{\Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1}}(0))$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,0)	I(1,0,0) = I(1,0,0) + I(1,0,0)

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I(1,0,0) + I(\Omega,\psi_{I(1,0,0)}(I(1,0,0)) + 1))$
-(3,2,1)(4,2,1)(5,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)	(7/4 0 0) . 7/ . (7/4 0 0) . 1)
-(5,2,1)(5,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)),1))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0) + 1))$
-(4,2,1)(5,2,1)(5,2,0)(4,0,0)	, , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0) + \omega))$
-(4,2,1)(5,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)	.//[/1 0 0)
-(5,2,1)(5,2,0)(4,2,1)(5,1,0)-	$\psi(I(1,0,0)$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$+\psi_{I(1,0,0)}(I(1,0,0)+\psi_{I(1,0,0)}(I(1,0,0))))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0))$
-(5,2,1)(5,2,0)(4,2,1)(5,2,0)-	$+\psi_{I(1,0,0)}(I(1,0,0)+1)))$
-(3,2,1)(4,2,1)(5,2,1)(5,2,0)(4,0,0)	· ()-/-/, · · · · · / · · · / · · · · / · · · ·
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(I(1,0,0)\cdot 2)$
-(5,2,1)(5,2,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	//// 0.0)
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)	$\psi(I(1,0,0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(1,1,1)	$\psi(I(1,0,0)\cdot\psi_{I(1,0,0)}(I(1,0,0)))$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	//// 0.0)2)
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(I(1,0,0)^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	// Τ/4 Ω Ω\Ψ\
-(2,1,1)(3,1,0)(3,0,0)	$\psi(I(1,0,0)^\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	-// I/1 0 0) I(1.0.0))
-(2,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi(I(1,0,0)^{I(1,0,0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	.1(.1, (0))
-(2,1,1)(3,1,0)(4,2,0)	$\psi(\psi_{\Omega_{I(1,0,0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	ah(O)
-(2,1,1)(3,1,0)(4,2,0)(5,2,0)	$\psi(\Omega_{I(1,0,0)+1})$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I_{I(1,0,0)+1}}(0))$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{I(1,0,0)+1})$
-(6,2,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I(1,I(1,0,0)+1))$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(\omega, I(1, 0, 0) + 1))$
-(5,2,1)(6,2,1)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(\Omega, I(1, 0, 0) + 1))$
-(5,2,1)(6,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I(\psi_{I(1,0,0)}(0),I(1,0,0)+1))$
-(6,2,1)(6,1,0)(1,1,1)(2,1,1)-	$\psi(I(\psi_{I(1,0,0)}(0),I(1,0,0)+1))$
-(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(\psi_{I(1,0,0)}(I(1,0,0)),I(1,0,0)+1))$
-(6,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\varphi(1(\varphi_{I(1,0,0)}(I(1,0,0)),I(1,0,0)+1))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	
-(6,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\psi_{I(1,0,0)}(I(\Omega,I(1,0,0)+1)),I(1,0,0)+1))$
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	
-(6,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(\psi_{I(1,0,0)}(I(\psi_{I(1,0,0)}(I(\Omega,I(1,0,0)+1))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	I(1,0,0) ((1,0,0)((1,0,0)) (1,0,0) (
-(6,1,0)(1,1,1)(2,1,1)(3,1,1)-	,1(1,0,0)+1)),1(1,0,0)+1))
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(I(1,0,0),1))$
-(5,2,1)(6,2,1)(6,1,0)(2,0,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
-(6,1,0)(2,0,0)(1,1,1)(2,1,1)-	$\psi(I(I(1,0,0),1) + \psi_{I(1,0,0)}(I(I(1,0,0),1)))$
-(3,1,1)(3,1,0)(2,1,1)(3,1,0)(4,2,1)	
-(5,2,1)(6,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I(I(1,0,0),1) + \psi_{I(1,0,0)}(I(I(1,0,0),1)) \cdot \Omega)$
-(6,2,1)(6,1,0)(2,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	////// 0 0) 1) // // /// (/// 0 0) 1) 1))
-(6,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I(I(1,0,0),1) + \psi_{I(1,0,0)}(I(I(1,0,0),1)+1))$
-(5,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	./(I/I/1 0 0) 1) + I/1 0 0))
-(6,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(I(I(1,0,0),1) + I(1,0,0))$
-(5,2,0)(4,2,1)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
-(6,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(I(1,0,0),1)\cdot 2)$
-(5,2,0)(4,2,1)(5,2,0)(6,3,1)-	
-(7,3,1)(8,3,1)(8,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I(I(1,0,0),1)\cdot\omega)$
-(6,2,1)(6,1,0)(2,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
-(6,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I(I(1,0,0),1)\cdot\psi_{I(1,0,0)}(I(I(1,0,0),1)))$
-(3,1,1)(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(I(1,0,0),1)\cdot I(1,0,0))$
-(6,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(I(1,0,0),1)^2)$
-(6,1,0)(2,1,1)(3,1,0)(4,2,1)-	γ(I(I, V, V), I))
-(5,2,1)(6,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I(I(1,0,0),1)^{\Omega})$
-(6,2,1)(6,1,0)(3,1,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(\psi_{\Omega_{I(I(1,0,0),1)+1}}(0))$
-(6,2,1)(6,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I(\omega, I(I(1,0,0),1)+1))$
-(6,1,0)(4,2,1)(5,2,1)(6,2,1)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I(I(1,0,0),2))$
-(6,2,1)(6,1,0)(4,2,1)(5,2,1)-	$\psi(T(T(1,0,0),2))$
-(6,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I(I(1,0,0),\omega))$
-(6,2,1)(6,1,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(\psi_{I(I(1,0,0)+1,0)}(0))$
-(6,2,1)(6,1,0)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I(I(1,0,0)+1,0)}(\omega))$
-(5,2,1)(6,2,1)(6,1,0)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(I(1,0,0)+1,0))$
-(6,1,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I(I(1,0,0)+2,0))$
-(6,2,1)(6,1,0)(5,2,1)(6,2,1)-	φ(1(1(1,0,0)) 2,0))
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I(I(1,0,0)\cdot 2,0))$
-(6,1,0)(5,2,1)(6,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I(I(1,0,0)^2,0))$
-(6,2,1)(6,1,0)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(\psi_{\Omega_{I(1,0,0)+1}}(0),0))$
-(5,2,1)(6,2,1)(6,1,0)(7,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(\Omega_{I(1,0,0)+1},0))$
-(5,2,1)(6,2,1)(6,2,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I(I(\Omega_{I(1,0,0)+1},0),0))$
-(6,2,0)(4,2,1)(5,2,1)(6,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{I(1,0,1)}(0))$
-(5,2,1)(6,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(\psi_{I(1.0.2)}(0))$
-(6,2,0)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(\psi I(1,0,2)(0))$
-(9,3,1)(9,3,0)(8,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0,\omega))$
-(3,1,0)(2,1,1)(3,1,1)	$\varphi(I(1,0,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0,\omega^2))$
-(3,1,0)(2,1,1)(3,1,1)(2,1,1)	$\psi(I(1,0,\omega^{-}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,\Omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)	$\psi(I(1,0,32))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{I(1.1.0)}(0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\varphi(\varphi I(1,1,0)(\heartsuit))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{I(1,1,0)}(\omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,1)	$\varphi(\varphi I(1,1,0)(\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,1,0))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,1,\omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)	$\varphi(\Gamma(1,1,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I(1,2,0)}(0))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,\omega,0))$
-(3,1,0)(2,1,1)(3,1,1)(3,0,0)	r (= (=, =, o))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,\Omega,0))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)	γ (Σ (Σ, σσ, σ))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{I(2,0,0)}(0))$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi((2\ 1-)^{2,0}\ 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)	$\psi(\psi_{I(2,0,0)}(\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(2,0,0))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_M(M^{M\cdot 2}))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M\cdot 2})$
, , , , , , , , , , , , , , , , , , , ,	Ψ (272)

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)	$\psi(I(2,0,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)-	$\psi(\psi_{I(2,1,0)}(0))$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(2,\omega,0))$
-(2,1,1)(3,1,1)(3,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{I(3,0,0)}(0))$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0.0.0)(1.1.1)(2.1.1)	$\psi(I(\omega,0,0))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_M(M^{M\cdot\omega}))$
-(3,1,1)(3,1,0)(3,0,0)	$\psi((2\ 1-)^{\omega,0}\ 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	γ((- -) -)
-(3,1,0)(3,1,0)(2,0,0)	$\psi(\psi_{I(1,0,0,0)}(0))$
(3,1,0)(3,1,0)(2,0,0)	$\psi(I(1,0,0,0))$
(0.0.0)/1.1.1)/0.1.1)/0.1.1)/0.1.0)	$\psi(\psi_M(M^{M^2}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M^2})$
	$\psi((2\ 1-)^{1,0,1}\ 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0,0,\omega))$
-(3,1,0)(3,1,0)(2,1,1)(3,1,1)	φ (= (=, ·, ·, ·, ·, ·))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(3,1,0)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0,1,0))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,1,0,0))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(2,0,0,0))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^2\cdot 2})$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	φ(111)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega,0,0,0))$
-(3,1,0)(3,1,0)(3,0,0)	7 (- (, -, -, -, -, -, -, -, -, -, -, -, -,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I(1,0,0,0,0)}(0))$
-(3,1,0)(3,1,0)(3,1,0)(2,0,0)	, ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,0,0,0))$
-(3,1,0)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	ah(ah(0))
-(3,1,0)(3,1,0)(3,1,0)(2,0,0)	$\psi(\psi_{I(1,0,0,0,0,0)}(0))$

BMS	反射 OCF (Madore-like)
(0.0.0)(1.1.1)(0.1.1)	$\psi(I(1@\omega))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M^{M^\omega})$
-(3,1,1)(3,1,0)(4,0,0)	$\psi((2\ 1-)^{1@\omega}\ 2)$
(0,0,0)(1,1,1)(2,1,1)-	-\(\(\I(1\@O\)\)
-(3,1,1)(3,1,0)(4,1,0)	$\psi(I(1@\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(1@I))$
-(5,2,1)(6,2,1)(6,2,0)(7,1,0)(2,0,0)	
(0.0.0)(1.1.1)(0.1.1)(0.1.1)	$\psi(I(1@(1,0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M^{M^M})$
-(3,1,0)(4,1,0)(2,0,0)	$\psi((2\ 1-)^{1@(1,0)}\ 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@(1,0),\omega@0))$
-(3,1,0)(4,1,0)(2,1,1)	$\psi(M^{M^M}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,1,0)(2,1,1)(3,1,0)-	$\psi(I(1@(1,0),1@1))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M^M+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	(//////////////////////////////////////
-(4,1,0)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1@(1,0),2@1))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M^M+2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1@(1,0),1@2))$
-(4,1,0)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M^M+M})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1@(1,0),1@3))$
-(4,1,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^M+M^2})$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1@(1,0),1@\omega))$
-(4,1,0)(2,1,1)(3,1,1)(3,1,0)(4,0,0)	$\psi(M^{M^M+M^\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(2@(1,0)))$
-(3,1,0)(4,1,0)(2,1,1)(3,1,1)-	
-(3,1,0)(4,1,0)(2,0,0)	$\psi(M^{M^M\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega@(1,0)))$
-(3,1,0)(4,1,0)(3,0,0)	$\psi(M^{M^M\cdot\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1@(1,1)))$
-(4,1,0)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M^{M+1}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,1,0)(3,1,0)(2,1,1)(3,1,1)-	$\psi(I(2@(1,1)))$
-(3,1,0)(4,1,0)(3,1,0)(2,0,0)	$\psi(M^{M^{M+1}\cdot 2})$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@(1,2)))$
$ \begin{array}{c c} -(3,1,0)(4,1,0)(3,1,0)(3,1,0) - \\ -(2,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(M^{M^{M+2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1@(2,0)))$
-(4,1,0)(3,1,0)(4,1,0)(2,0,0)	$\psi(M^{M^{M\cdot 2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@(3,0)))$
-(3,1,0)(4,1,0)(3,1,0)(4,1,0)-	$\psi(N^{M^{M\cdot 3}})$
-(3,1,0)(4,1,0)(2,0,0)	$\psi(w)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@(\omega,0)))$
-(3,1,0)(4,1,0)(4,0,0)	$\psi(M^{M^{M \cdot \omega}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@(1,0,0)))$
-(3,1,0)(4,1,0)(4,1,0)(2,0,0)	$\psi(M^{M^{M^2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1@(1,1,0)))$
-(4,1,0)(4,1,0)(3,1,0)(4,1,0)(2,0,0)	$\psi(M^{M^{M^2+M}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,1,0)(4,1,0)(3,1,0)-	$\psi(I(1@(2,0,0))) \ \psi(M^{M^{M^2-2}})$
-(4,1,0)(4,1,0)(2,0,0)	$\psi(M^M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@(\omega,0,0)))$
-(3,1,0)(4,1,0)(4,1,0)(4,0,0)	$\psi(M^{M^{M^2 \cdot \omega}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1@(1,0,0,0)))$
-(4,1,0)(4,1,0)(4,1,0)(2,0,0)	$\psi(M^{M^{M^3}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@(1@\omega)))$
-(3,1,0)(4,1,0)(5,0,0)	$\psi(M^{M^{M^{\omega}}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@(1@(1,0))))$
-(3,1,0)(4,1,0)(5,1,0)(2,0,0)	$\psi(M^{M^{M^M}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@(1@(1@(1,0)))))$
$\begin{bmatrix} (3,1,0)(4,1,0)(5,1,0)(6,1,0)(2,0,0) \\ (3,1,0)(4,1,0)(5,1,0)(6,1,0)(2,0,0) \end{bmatrix}$	$\psi(M^{M^{M^M}})$
	$\psi(arepsilon_{M+1})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0))$
-(3,1,1)(3,1,0)(4,2,0)	$\psi((1-)^{1,0} \text{ aft } 2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((1-) + \text{art } 2 - 2)$ $\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(M \cdot \omega))$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1) - \\ -(3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) \end{vmatrix} $	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0) + I_{\omega})$
-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + I(1,0,0))$
$\begin{array}{c c} (1,2,3)(1,1,1)(2,1,1)(3,1,1) \\ -(3,1,0)(2,1,1)(3,1,0)(2,0,0) \end{array}$	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(M^M))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0)))$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0)) \cdot \Omega)$
-(3,1,0)(4,2,0)(2,1,0)	$\varphi(\varphi\Omega_{M+1}(0) + \varphi M(\varphi\Omega_{M+1}(0)))$ 22)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(1,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0))^2)$
-(2,1,1)(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{\Omega_{\psi_{M}(\psi_{\Omega_{M+1}}(0))+1}}(0))$
-(3,1,0)(4,2,0)(2,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0) + 1))$
-(3,1,0)(4,2,0)(2,1,0)(3,2,0)(4,2,0)	$\psi(\psi_{\Omega_{M+1}}(0) + \Omega_{\psi_M(\psi_{\Omega_{M+1}}(0))+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0) + \omega))$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)	$\varphi(\varphi\Omega_{M+1}(0) + \varphi_M(\varphi\Omega_{M+1}(0) + \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{M}(\psi_{\Omega_{M+1}}(0) + \Omega))$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,1,0)	$\varphi(\varphi\Omega_{M+1}(0) + \varphi M(\varphi\Omega_{M+1}(0) + 22))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0))))$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,1,0)	$\psi(\psi_{\Omega_{M+1}}(0) + \Omega_{\psi_{M}(\psi_{\Omega_{M+1}}(0)) \cdot 2})$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(\psi\Omega_{M+1}(0) + 22\psi_M(\psi\Omega_{M+1}(0))\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{M}(\psi_{\Omega_{M+1}}(0) + \psi_{M}(\psi_{\Omega_{M+1}}(0)) \cdot \omega))$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \Omega_{\psi_M(\psi_{\Omega_{M+1}}(0))\cdot\omega})$
-(4,2,1)(5,1,0)(4,2,1)	$\varphi(\varphi\Omega_{M+1}(0) + 22\psi_M(\psi\Omega_{M+1}(0))\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$+\psi_M(\psi_{\Omega_{M+1}}(0)+\psi_M(\psi_{\Omega_{M+1}}(0))^{\psi_M(\psi_{\Omega_{M+1}}(0))}))$
-(5,1,0)(5,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \Omega_{\psi_{M}(\psi_{\Omega_{M+1}}(0))^{\psi_{M}(\psi_{\Omega_{M+1}}(0))})$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0) + 1)))$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(\psi_{\Omega_{M+1}}(0) + \Omega_{\Omega_{\psi_{M}(\psi_{\Omega_{M+1}}(0))+1}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\alpha \to \psi_{\Omega_{M+1}}(0) + \psi_M(\alpha) \text{ FP})$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{I_{\psi_{M}(\psi_{\Omega_{M+1}}(0))+1}}(0))$
-(4,2,1)(5,2,0)(4,0,0)	$\psi(\psi\Omega_{M+1}(0)) + \psi I_{\psi_M(\psi\Omega_{M+1}(0))+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)+M)$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + I_{\psi_{M}(\psi_{\Omega_{M+1}}(0))+1})$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	·
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0) + M \cdot \omega)$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(\psi_{\Omega_{M+1}}(0) + I_{\psi_M(\psi_{\Omega_{M+1}}(0))+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\alpha \to (\psi_{\Omega_{M+1}}(0) + M \cdot \alpha) \text{ FP})$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{I(1,\psi_{M}(\psi_{\Omega_{M+1}}(0))+1)}(0))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\varphi(\varphi u_{M+1}(\lor) + \varphi I(1, \psi_M(\psi_{\Omega_{M+1}}(0))+1)(\lor))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)+M^2)$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + I(1, \psi_{M}(\psi_{\Omega_{M+1}}(0)) + 1))$
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)(4,0,0)	$\psi(\psi_{\Omega_{M+1}}(0) + I(1, \psi_{M}(\psi_{\Omega_{M+1}}(0)) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\alpha \to (\psi_{\Omega_{M+1}}(0) + M^{\alpha}) \text{ FP})$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{I(1,0,\psi_M(\psi_{\Omega_{M+1}}(0))+1)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)+M^M)$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + I(1,0,\psi_M(\psi_{\Omega_{M+1}}(0)) + 1))$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	$\psi(\psi\Omega_{M+1}(0)+I(1,0,\psi_M(\psi\Omega_{M+1}(0))+I))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)+M^{M^M})$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\psi_{\Omega_{M+1}}(0) + I(1@(1,0), \psi_M(\psi_{\Omega_{M+1}}(0)) + 1@0))$
-(5,2,0)(6,2,0)(4,2,1)(5,2,0)(4,0,0)	$\varphi(\psi\Omega_{M+1}(0) + \Gamma(1\otimes(1,0), \psi_M(\psi\Omega_{M+1}(0)) + \Gamma\otimes 0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(\psi_{\Omega_{M+1}}(0)\cdot 2)$
-(5,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\psi_{\Omega_{M+1}}(0)\cdot 3)$
-(5,2,0)(6,3,0)(4,2,0)(5,3,1)-	$\tau (\tau si_{M+1}(\sigma) - \sigma)$
-(6,3,1)(7,3,1)(7,3,0)(8,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0)\cdot\omega)$
-(3,1,0)(4,2,0)(2,1,1)	τ (τ 32M+1 (Θ))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0)\cdot\Omega)$
-(3,1,0)(4,2,0)(2,1,1)(3,1,0)	$\tau \left(\tau \sin H + 1 \left(\frac{\sigma}{\sigma} \right) \right) = -\gamma$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0)\cdot\psi_{M}(\psi_{\Omega_{M+1}}(0)\cdot\Omega))$
-(3,1,1)(3,1,0)(4,2,0)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\alpha \to \psi_{\Omega_{M+1}}(0) \cdot \psi_M(\alpha) \text{ FP})$
-(4,2,0)(2,1,1)(3,1,0)(2,0,0)	$\varphi(\alpha \rightarrow \gamma \Omega_{M+1}(0) \rightarrow \gamma M(\alpha) \Gamma \Gamma)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)\cdot M)$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0)\cdot M\cdot\omega)$
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)	7 (7 32M+1 (8)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	_
-(4,2,0)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0)\cdot M^2)$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)\cdot M^\omega)$
-(4,2,0)(2,1,1)(3,1,1)(3,0,0)	T (T32M+1(V))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\alpha \to \psi_{\Omega_{M+1}}(0) \cdot M^{\psi_M(\alpha)} \text{ FP})$
-(4,2,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	7 (~ , 7\(\delta M+1\(\delta)\) 171 11)

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)\cdot M^M)$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)^2)$
-(4,2,0)(2,1,1)(3,1,1)(3,1,0)(4,2,0)	$\varphi(\varphi\Omega_{M+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0)^{\omega})$
-(3,1,0)(4,2,0)(3,0,0)	$\varphi(\varphi\Omega_{M+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(0)^M)$
-(4,2,0)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi\left(\psi\Omega_{M+1}\left(0\right)\right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0)^{\psi_{\Omega_{M+1}}(0)})$
-(3,1,0)(4,2,0)(3,1,0)(4,2,0)	$\varphi(\varphi M_{M+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0)^{\psi_{\Omega_{M+1}}(0)^{\omega}})$
-(3,1,0)(4,2,0)(4,0,0)	$\varphi(\varphi \Omega_{M+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(0)^{\psi_{\Omega_{M+1}}(0)^{\psi_{\Omega_{M+1}}(0)}})$
-(3,1,0)(4,2,0)(4,1,0)(5,2,0)	$\psi(\psi\Omega_{M+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(1))$
-(3,1,0)(4,2,0)(4,2,0)	Ψ (Ψω _{M+1} (-1))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(\Omega))$
-(3,1,0)(4,2,0)(5,1,0)	γ (γ32M+1 ())
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\alpha \to \psi_{\Omega_{M+1}}(\psi_M(\alpha)) \text{ FP})$
-(3,1,0)(4,2,0)(5,1,0)(2,0,0)	7 (7 35M+1 (7 M ()))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M+1}}(M))$
-(4,2,0)(5,1,0)(2,1,1)(3,1,0)(2,0,0)	τ (τ 35 Μ + 1 (/ /)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M+1}}(\psi_{\Omega_{M+1}}(0)))$
-(3,1,0)(4,2,0)(5,1,0)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{M_2}(0))$
-(3,1,0)(4,2,0)(5,2,0)	$\psi(\Omega_{M+1})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{M+\omega})$
-(3,1,1)(3,1,0)(4,2,1)	$\psi(\psi_{M_2}(\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,1,0)(1,1,1)(2,1,1)	$\psi(\Omega_{M+\psi_M(\Omega_{M+\Omega})})$
-(3,1,1)(3,1,0)(4,2,1)(5,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	ah(a, \O., ED)
-(3,1,0)(4,2,1)(5,2,1)(6,1,0)(2,0,0)	$\psi(\alpha \to \Omega_{M+\psi_M(\alpha)} \text{ FP})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M\cdot 2})$
-(3,1,0)(4,2,1)(5,2,1)-	1 (== =)
-(6,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{M_2}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{\Omega_{M+1}})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,0)	$\psi(\psi_{M_2}(\psi_{M_2}(0)))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{I_{M+1}}(0))$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(\alpha \to \psi_{M_2}(\alpha) \text{ FP})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I_{M+1})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,0)-	$\psi(\psi_{M_2}(M_2))$
-(5,2,1)(6,2,0)(5,0,0)	$\psi(M_2)$
	$\psi(I_{M+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{M_2}(M_2\cdot\omega))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M_2 \cdot \omega)$
(0.0.0)(1.1.1)(0.1.1)(9.1.1)(9.1.0)	$\frac{\psi(M_2 \cdot \omega)}{\psi(I(1, M+1))}$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - (4,2,1)(5,2,1)(6,2,1)(5,2,1)	
$\begin{array}{c c} -(4,2,1)(5,2,1)(6,2,1)(5,2,1) - \\ -(6,2,0)(5,2,1)(6,2,0)(5,0,0) \end{array}$	$\psi(\psi_{M_2}(M_2^2))$
-(0,2,0)(0,2,1)(0,2,0)(0,0,0)	$\psi({M_2}^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(M,1))$
$\begin{bmatrix} (4,2,1)(5,2,1)(6,2,1)(6,1,0)(2,0,0) \\ (4,2,1)(5,2,1)(6,2,1)(6,1,0)(2,0,0) \end{bmatrix}$	$\psi(\psi_{M_2}({M_2}^M))$
	$\psi({M_2}^M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,M+1))$
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)-	$\psi(\psi_{M_2}({M_2}^{M_2}))$
-(5,2,1)(6,2,0)(5,0,0)	$\psi({M_2}^{M_2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1@(1,0), M+1@0))$
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)-	
-(7,2,0)(5,2,1)(6,2,0)(5,0,0)	$\psi(M_2^{M_2^{M_2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{\Omega_{M_{\alpha}+1}}(0))$
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(7,3,0)	$\psi(\psi\Omega_{M_2+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(\psi_{\Omega_{M_2+1}}(1))$
-(6,2,0)(7,3,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M_2+1})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(\psi_{M_3}(0))$
-(6,2,0)(7,3,0)(8,3,0)	$\psi \left(\psi M_3 \left(\forall j \right) \right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -	$\psi(I_{M_2+1})$
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(7,3,1)-	$\psi(M_3)$
-(8,3,1)(9,3,0)(8,3,1)(9,3,0)(8,0,0)	
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) \right $	$\psi(M_\omega)$
(-,-,-,(-,-,-,(-,-,-,(%,+,+,(%,+,+,))	$\psi(1-2-2)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M_\omega\cdot\Omega)$
-(3,1,1)(3,1,1)(2,1,0)	γ(11-ω σσ)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi({M_\omega}^2)$
-(2,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)	Υ (ω)

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,0)(3,1,0)-	$\psi(M_^{M_\omega})$
-(1,1,1)(2,1,1)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	(0)
-(3,1,1)(2,1,0)(3,2,0)	$\psi(\psi_{\Omega_{M_{\omega}+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{M_{\omega}+1})$
-(2,1,0)(3,2,0)(4,2,0)	$\psi(\psi_{M_{\omega+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(I_{M_{o}+1})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	. , ,
-(4,2,1)(5,2,0)(4,0,0)	$\psi(M_{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\psi_{\Omega_{M_\omega+1}+1}(0))$
-(5,2,1)(5,2,0)(6,3,0)	2
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,0)	$\psi(\psi_{\Omega_{M_{\omega+2}+1}}(0))$
-(6,3,1)(7,3,1)(8,3,1)(8,3,0)(9,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	oh (M
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)	$\psi(M_{\omega \cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)-	$\psi(M_{\omega\cdot 3})$
-(4,2,0)(5,3,1)(6,3,1)(7,3,1)(7,3,1)	
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M_{\omega^2})$
-(3,1,1)(3,1,1)(2,1,1)	$\psi(M\omega^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M_{\omega^3})$
-(3,1,1)(2,1,1)(2,1,1)	$\psi(M_\omega^3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M_\Omega)$
-(3,1,1)(2,1,1)(3,1,0)	$\psi(m_{\Omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M_{I_\omega})$
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(M_{\psi_M(M\cdot\omega)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M_{\psi_M(M_\omega)})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	J.(M
-(3,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M_{\psi_M(M_\Omega)})$
-(6,2,1)(6,2,1)(5,2,1)(6,1,0)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)-	$d_{i}(M_{i})$
-(5,2,1)(6,1,0)(1,1,1)(2,1,1)-	$\psi(M_{\psi_M(M_{\psi_M(M_\Omega)})})$
-(3,1,1)(3,1,0)(4,2,1)(5,2,1)-	
-(6,2,1)(6,2,1)(5,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\alpha \to M_{\psi_M(\alpha)} \text{ FP})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(\alpha \to M_{\psi_M(\alpha)} \Gamma \Gamma)$
-(6,2,1)(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M_M)$
-(6,2,1)(5,2,1)(6,1,0)-	
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)-	$\psi(M_{M_\omega})$
-(1,1,1)(2,1,1)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(M_{M_\Omega})$
-(3,1,1)(3,1,1)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\psi_{M(1,0)}(0))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi((1-)^{1,0} \ 2-2)$
/X	$\psi(M(1,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(\psi_{M(1:0)}(0))$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(2\ 1-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	, ,
-(3,1,1)(2,1,1)(3,1,0)(3,0,0)	$\psi(M(1,0)^\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(\psi_{\Omega_{M(1,0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{M(1,0)+1})$
-(2,1,1)(3,1,0)(4,2,0)(5,2,0)	$\psi(\psi_{M_{M(1,0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	· · · · · · · · · · · · · · · · · · ·
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)	$\psi(I_{M(1,0)+1})$
-(6,2,0)(5,2,1)(6,2,0)(5,0,0)	$\psi(M_{M(1,0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(I_{M(1,0)+\omega})$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M_{M(1,0)+1}\cdot\omega)$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(I(1, M(1, 0) + 1))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	-
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(5,0,0)	$\psi({M_{M(1,0)+1}}^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\psi_{\Omega_{M_{M(1,0)+1}+1}}(0))$
-(5,2,1)(6,2,1)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M_{M(1,0)+\omega})$
-(5,2,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M_{M(1,0)+\omega^2})$
-(5,2,1)(6,2,1)(6,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M_{\Omega_{M(1,0)+1}})?$
-(6,2,1)(6,2,1)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M_{M_{\Omega_{M(1,0)+1}}})?$
-(6,2,1)(5,2,1)(6,2,0)(4,2,1)(5,2,1)	M(1,0)+1
-(6,2,1)(6,2,1)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(\psi_{M(1,1)}(0))$
-(6,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	(/1//1 1))
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M(1,1))$
-(6,2,1)(6,2,1)(5,2,1)(6,2,0)-	$\psi(\psi_{M(1;0)}(1))$
-(5,2,1)(6,2,0)(5,0,0)	(2.7)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1,\omega))$
-(3,1,1)(2,1,1)(3,1,1)	$\psi(\psi_{M(1;0)}(\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1,\omega^2))$
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)	$\psi(\psi_{M(1;0)}(\omega^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1,\Omega))$
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)	$\psi(\psi_{M(1;0)}(\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\psi_{M(2,0)}(0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(\alpha \to \psi_{M(1;0)}(\alpha) \text{ FP})$
	$\psi(M(2,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\psi_{M(1;0)}(M(1;0)))$
-(2,1,1)(3,1,1)(2,1,1)-	$\psi(M(1;0))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
	$\psi(2-2\ 1-2-2)$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(M(2,0)^2)$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	(M(Ω, Ω)ω)
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(3,0,0)	$\psi(M(2,0)^\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(M(2,0)^{M(2,0)})$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M(2,0)+1}}(0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(\psi\Omega_{M(2,0)+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M(2,0)+1})$
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,0)(5,2,0)	$\psi(\psi_{M_{M(2,0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(I_{M(2,0)+1})$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M_{M(2.0)+1})$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(5,0,0)	$\psi(MM(2,0)+1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(M_{M(2,0)+\omega})$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M(1,M(2,0)+1))$
-(5,2,1)(6,2,1)(6,2,1)(5,2,1)-	7 (-1- (-, -1- (-, -1))
-(6,2,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M(2,1))$
-(5,2,1)(6,2,1)(6,2,1)(5,2,1)(6,2,1)	
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,\omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)	, , , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,\omega^2))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)	, ((, //
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,1)-	$\psi(M(2,\Omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\psi_{M(3,0)}(0))$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(3,0))$
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{M(1:0)}(M(1;0)^2))$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	Y(YM(1;0)(1;1,0))

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(M(3,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(\omega,0))$
-(3,1,1)(2,1,1)(3,1,1)(3,0,0)	$\psi(\psi_{M(1;0)}(M(1;0)^{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,0)	$\psi(M(\Omega,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\psi_{M(1,0,0)}(0))$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi((2\ 1-)^{1,0}\ 2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1,0,0))$
-(3,1,1)(2,1,1)(3,1,1)-	$\psi((2\ 1-)^{1,1}\ 2-2)$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{M(1;0)}(M(1;0)^{M(1;0)}))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1) \end{array} $	$\psi(M(1,0,\omega))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1) - \\ -(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(M(1,1,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)(3,0,0)	$\psi(M(1,\omega,0))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,1)(3,1,0)(2,1,1) - \\ -(3,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(M(2,0,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,0)(3,0,0)	$\psi(M(\omega,0,0))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,0)(3,1,0)-\\ -(2,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(M(1,0,0,0))$ $\psi(\psi_{M(1;0)}(M(1;0)^{M(1;0)^2}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1@\omega))$
-(2,1,1)(3,1,1)(3,1,0)(4,0,0)	$\psi(\psi_{M(1;0)}(M(1;0)^{M(1;0)^{\omega}}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1@(1,0)))$
-(2,1,1)(3,1,1)(3,1,0)(4,1,0)(2,0,0)	$\psi(\psi_{M(1;0)}(M(1;0)^{M(1;0)^{M(1;0)}}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{M(1;0)+1}}(0))$
-(2,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi((1-)^{1,0} \ 2-2 \ 1-2-2)$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,1)(3,1,0)(4,2,0)(5,2,0) \end{vmatrix} $	$\psi(\Omega_{M(1;0)+1})$ $\psi(2 \text{ aft } 2-2 \ 1-2-2)$
(,,=)(=,=,=,(=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=)(=,=,=,=,	$\psi(\psi_{M_{M(1;0)+1}}(0))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(5,2,1)(6,2,0)(5,0,0)$	$\psi(I_{M(1;0)+1})$ $\psi(2\ 1-2\ \text{aft}\ 2-2\ 1-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,1)$	$\psi(M_{M(1;0)+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - (2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1) - (6,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(\psi_{M(1,M(1;0)+1)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- (2,1,1)(3,1,1)(3,1,1)(4,2,1)- (5,2,1)(6,2,1)(6,2,1)(5,2,1)- (6,2,0)(5,2,1)(6,2,0)(5,0,0)	$\psi(M(1, M(1; 0) + 1))$ $\psi(\psi_{M(1; 1)}(0))$
$ \begin{array}{c} -(0,2,0)(0,2,1)(0,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) \\ -(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1) \\ -(6,2,1)(6,2,1)(5,2,1)(6,2,1)(5,2,1) \\ -(6,2,0)(5,2,1)(6,2,0)(5,0,0) \end{array} $	$\psi(M(2, M(1; 0) + 1))$ $\psi(\psi_{M(1; 1)}(M(1; 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,1)(5,2,1)(6,2,1)(6,1,0)$	$\psi(M(\Omega, M(1; 0) + 1))$ $\psi(\psi_{M(1;1)}(M(1; 1)^{\Omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,1)(5,2,1)(6,2,1)-$ $-(6,2,0)(5,2,1)(6,2,0)(5,0,0)$	$\psi(M(1,0,M(1;0)+1))$ $\psi(\psi_{M(1;1)}(M(1;1)^{M(1;1)}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,1)(5,2,1)-$ $-(6,2,1)(6,2,0)(7,3,0)$	$\psi(\psi_{\Omega_{M(1;1)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,1)(5,2,1)(6,2,1)-$ $-(6,2,0)(7,3,0)(8,3,0)$	$\psi(\Omega_{M(1;1)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-(2,1,1)(3,1,1)(3,1,1)(5,2,1)-(6,2,1)(6,2,1)(5,2,1)(6,2,1)(6,2,0)-(7,3,1)(8,3,1)(9,3,1)(9,3,1)(8,3,1)-(9,3,1)(9,3,0)(10,4,0)(11,4,0)	$\psi(\Omega_{M(1;2)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (3,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(1;\omega)) \ \psi(1-2-2 \ 1-2-2)$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)$	$\psi(M(1;\omega^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(3,1,1)(2,1,1)(3,1,1)(3,1,1)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(\psi_{M(1;1,0)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)-$ $-(3,1,0)(2,1,1)(3,1,0)(2,0,0)$	$\psi(M(1;1,0))$ $\psi(2\ 1-2-2\ 1-2-2)$ $\psi(\psi_{M(2;0)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - (2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(M(1;1,\omega))$ $\psi(1-2\ 1-2-2\ 1-2-2)$ $\psi(M(1;2,0))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1) - \\ -(2,1,1)(3,1,0)(2,1,1)(3,1,1)(2,0,0) \end{array} $	$\psi(M(1;2,0))$ $\psi(2\ 1-2\ 1-2-2\ 1-2-2)$ $\psi(\psi_{M(2;0)}(M(2;0)))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1) - \\ -(3,1,0)(2,1,1)(3,1,1)(2,0,0) \end{array} $	$\psi(M(1;1,0,0))$ $\psi((2\ 1-)^{1,1}\ 2-2\ 1-2-2)$ $\psi(\psi_{M(2;0)}(M(2;0)^{M(2;0)}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)-$ $-(3,1,1)(3,1,0)(4,0,0)$	$\psi(M(1; 1@\omega))$ $\psi(\psi_{M(2;0)}(M(2; 0)^{M(2;0)^{\omega}}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)-$ $-(3,1,1)(3,1,0)(4,1,0)(2,0,0)$	$\psi(M(1;1@(1,0)))$ $\psi(\psi_{M(2;0)}(M(2;0)^{M(2;0)^{M(2;0)}}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)-$ $-(3,1,1)(3,1,0)(4,2,0)$	$\psi(\psi_{\Omega_{M(2;0)+1}}(0))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1) - \\ -(3,1,1)(3,1,0)(4,2,0)(5,2,0) \end{array} $	$\psi(\Omega_{M(2;0)+1})$ $\psi(2 ext{ aft } 2-2 ext{ } 1-2-2 ext{ } 1-2-2)$ $\psi(\psi_{M_{M(2;0)+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-$ $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,2,1)(5,2,1)(6,2,1)(6,2,1)-$ $-(6,2,0)(7,3,0)(8,3,0)$	$\psi(\Omega_{M(2;1)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (3,1,1)(2,1,1)(3,1,1)(3,1,1) - (2,1,1)(3,1,1)(3,1,1)	$\psi(M(2;\omega))$

BMS	反射 OCF (Madore-like)
(0.0.0)(1.1.1)(0.1.1)	$\psi(M(\omega;0))$
(0,0,0)(1,1,1)(2,1,1)-(3,1,1)(3,1,1)(3,0,0)	$\psi((2-2\ 1-)^{\omega}\ 2-2)$
	$\psi(\psi_N(\omega))$
(0,0,0)(1,1,1)(2,1,1)-	
-(3,1,1)(3,1,1)(3,1,0)	$\psi(M(\Omega;0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{M(1,0;0)}(0))$
-(3,1,1)(3,1,0)(2,0,0)	$\psi((2-2\ 1-)^{1,0}\ 2-2)$
(8,1,1)(8,1,0)(2,0,0)	$\psi(\alpha \to \psi_N(\alpha) \text{ FP})$
(0.0.0)/1.1.1/(0.1.1)/(0.1.1)/(0.1.1)	$\psi(M(1,0;0))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,0)(2,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(2\ 1-(2-2\ 1-)^{1,0}\ 2-2)$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\alpha \to \psi_N(\alpha) \text{ AP})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1,0;\omega))$
-(3,1,1)(3,1,0)(2,1,1)(3,1,1)	$\psi(M(1,0,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0;1,0))$
-(3,1,0)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\psi_{M(1,1;0)}(0))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{\psi_N(N)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0;1,0,0))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\psi_{M(1,1;0)}(M(1,1;0)^{M(1,1;0)}))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_M(1,1;0)(M(1,1,0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(1,1;\omega))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)	//M/1.9\)
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)$	$\psi(M(1,2;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,\omega;0))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)(3,0,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_N(N+\omega))$
-(3,1,1)(3,1,0)(2,1,1)(3,1,1)-	$\psi(\psi_{M(2,0;0)}(0))$
-(3,1,1)(3,1,0)(2,0,0)	$\psi(\alpha \to \psi_N(N+\alpha) \text{ FP})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	(75(2.2.2))
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,0;0))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\alpha \to \psi_N(N+\alpha) \text{ AP})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,0;1,0))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)(3,1,0)-	$\psi(M(2,0,1,0))$ $\psi(\psi_{M(2;1,0)}(0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	. (///
-(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{\psi_N(N\cdot 2)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,1;\omega))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(\omega,0;0))$
-(3,1,1)(3,1,0)(3,0,0)	$\psi(\psi_N(N\cdot\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\psi_{M(1,0,0;0)}(0))$
-(3,1,0)(3,1,0)(2,0,0)	$\psi(\alpha \to \psi_N(N \cdot \alpha) \text{ FP})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0,0;0))$
-(3,1,0)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\alpha \to \psi_N(N \cdot \alpha) \text{ AP})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0,0;1,0))$
-(3,1,0)(3,1,0)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{\psi_N(N^2)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0,1;\omega))$
-(3,1,0)(3,1,0)(2,1,1)(3,1,1)(3,1,1)	$\varphi(\mathcal{W}(1,0,1,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,1,0;0))$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)	(////(2.0.0.0))
-(3,1,0)(3,1,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(2,0,0;0))$
-(3,1,0)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(\omega,0,0;0))$
$ \begin{array}{c} -(3,1,1)(3,1,0)(3,1,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1) - \end{array} $	
-(3,1,1)(3,1,0)(3,1,0)(3,1,0)-	$\psi(M(1,0,0,0;0))$
-(2,1,1)(3,1,0)(2,0,0)	φ (212 (±, 0, 0, 0, 0))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1@\omega;0))$
-(3,1,1)(3,1,0)(4,0,0)	$\psi(\psi_N(N^\omega))$
	$\psi(M(1@(1,0);0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-2\ 1-)^{1@(1,0)}\ 2-2)$
-(3,1,1)(3,1,0)(4,1,0)(2,0,0)	
(0.0.0)(1.1.1)(0.1.1)(0.1.1)	$\psi(\alpha \to \psi_N(N^{\alpha}) \text{ FP})$ $\psi(M(1@(1,0);1,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)	
-(3,1,1)(3,1,0)(4,1,0)(2,1,1)	$\psi(2\ 1 - (2-2\ 1-)^{1@(1,0)}\ 2-2)$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\alpha \to \psi_N(N^{\alpha}) \text{ AP})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)	//11/4@/1.1) 0))
-(3,1,1)(3,1,0)(4,1,0)(3,1,0)	$\psi(M(1@(1,1);0))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (3,1,1)(3,1,0)(4,1,0)(3,1,0) -	$\psi(M(1@(2,0);0))$
-(4,1,0)(2,1,1)(3,1,0)(2,0,0) $-(4,1,0)(2,1,1)(3,1,0)(2,0,0)$	ψ(1/1 (1 ω(2, 0), 0))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(3,1,0)(4,1,0)(4,1,0)-	$\psi(M(1@(1,0,0);0))$
-(2,1,1)(3,1,0)(2,0,0)	, (- () -) -) /)

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1@(1@\omega);0))$
-(3,1,1)(3,1,0)(4,1,0)(5,0,0)	$\psi(\psi_N(N^{N^\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1@(1@(1,0));0))$
-(3,1,0)(4,1,0)(5,1,0)(2,0,0)	$\psi(\psi_N(N^{N^N}))$
	$\psi(\psi_{\Omega_{N+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((1-)^{1,0} \text{ aft } 2-2-2)$
-(3,1,1)(3,1,0)(4,2,0)	$\psi(\psi_N(arepsilon_{N+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2\text{nd }(1-)^{1,0} \text{ aft } 2-2-2)$
-(3,1,1)(3,1,0)(4,2,0)(4,2,0)	$\psi(\psi_{\Omega_{N+1}}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 \text{ aft } 2-2-2)$
-(3,1,1)(3,1,0)(4,2,0)(5,2,0)	$\psi(\Omega_{N+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2 \text{ aft } 2-2-2)$
-(3,1,1)(3,1,0)(4,2,1)	, ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+\omega})$ $\psi((1-)^{1,0} \text{ 2 aft } 2-2-2)$
-(3,1,0)(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(\psi_{I_{N+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	·
-(3,1,0)(4,2,1)(5,2,1)(6,2,0)	$\psi(2\ 1-2\ {\rm aft}\ 2-2-2)$
-(5,2,1)(6,2,0)(5,0,0)	$\psi(I_{N+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2\ 1-2\ \text{aft}\ 2-2-2)$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I_{N+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2-2 \text{ aft } 2-2-2)$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)	$\psi(M_{N+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2\ 1-2-2\ \text{aft}\ 2-2-2)$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	
-(6,2,1)(5,2,1)(6,2,1)	$\psi(M(1,N+\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2-2 \ 1-2-2 \ \text{aft} \ 2-2-2)$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M(1; N + \omega))$
-(6,2,1)(5,2,1)(6,2,1)(6,2,1)	ψ (1.2 (2,2.1 · 1 · 3/))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-2\ 1-)^{\omega}\ 2-2\ \text{aft}\ 2-2-2)$
-(3,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M(\omega;N+1))$
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi((2-2\ 1-)^{(2-2-2)}\ 2-2\ \text{aft}\ 2-2-2)$
-(6,2,1)(6,1,0)(2,0,0)	$\psi(M(N;1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	///2 21 1102 2 5 2 2 2
-(3,1,0)(4,2,1)(5,2,1)-	$\psi((2-2\ 1-)^{1,0}\ 2-2\ \text{aft}\ 2-2-2)$
-(6,2,1)(6,2,1)(6,2,0)(5,0,0)	$\psi(M(1,0;N+1))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-2\ 1-)^{1@(1,0)}\ 2-2 \text{ aft } 2-2-2)$
-(3,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M(1@(1,0); N+1))$
-(6,2,1)(6,2,1)(6,2,0)(7,2,0)	$\psi(M(1@(1,0);N+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi((1-)^{1,0} \text{ aft 2nd } 2-2-2)$
-(3,1,0)(4,2,1)(5,2,1)-	$\psi(\psi_{\Omega_{N_{\alpha}+1}}(0))$
-(6,2,1)(6,2,1)(6,2,0)(7,3,0)	$\psi(\psi\Omega_{N_2+1}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	///1 \10 (c a 10 a a)
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)	$\psi((1-)^{1,0} \text{ aft } 3\text{rd } 2-2-2)$
-(6,2,0)(7,3,1)(8,3,1)(9,3,1)-	$\psi(\psi_{\Omega_{N_3+1}}(0))$
-(9,3,1)(9,3,0)(10,4,0)	(44 2 2 2)
(0,0,0)(1,1,1)(2,1,1)-	$\psi(1-2-2-2)$
-(3,1,1)(3,1,1)(3,1,1)	$\psi(N_\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-1-2-2-2)$
-(3,1,1)(3,1,1)(2,1,1)	$\psi(N_{\omega^2}) = \psi((1-)^{(2)} \ 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((1-)^{(2)} \ 2-2-2)$
-(3,1,1)(3,1,1)(2,1,1)(3,1,0)	$\psi(N_\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi((1-)^{(1-2-2-2)} \ 2-2-2)$
-(3,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi((1))$ $(2 - 2)$ $\psi(N_{N_{cl}})$
-(2,1,1)(3,1,1)(3,1,1)(3,1,1)	· ` ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi((1-)^{1,0} \ 2-2-2)$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{N(1,0)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2\ 1-2-2-2)$
-(3,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(N(1,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi((2\ 1-)^{1,0}\ 2-2-2)$
-(3,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{N(1,0,0)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi((1-)^{1,0} \text{ aft } 2-2 \ 1-2-2-2)$
-(3,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(\psi_{\Omega_{N(1;0)+1}}(0))$
	$\psi(1-2-2 \ 1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(N(1;\omega))$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(1;1;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2-2 \ 1-2-2 \ 1-2-2-2)$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)-	, (
-(2,1,1)(3,1,1)(3,1,1)	$\psi(N(2;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi((2-2\ 1-)^{(2)}\ 2-2-2)$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)	$\psi(N(\Omega;0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-2\ 1-)^{1,0}\ 2-2-2)$
-(3,1,1)(3,1,1)(2,1,1)(3,1,1)-	$\psi((2-2+1)-2-2-2)$ $\psi(\psi_{N(1,0;0)}(0))$
-(3,1,1)(3,1,0)(2,0,0)	$\psi(\psi_N(1,0;0))(0))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((1-)^{1,0} \text{ aft } 2-2-2 \ 1-2-2-2)$
-(3,1,1)(3,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{\Omega_{N(1:0:0)+1}}(0))$
-(3,1,1)(3,1,0)(4,2,0)	(-,**,*/
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2-2-2 \ 1-2-2-2)$
$\begin{bmatrix} (3,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1) \end{bmatrix}$	$\psi(N(1;0;\omega))$
	$\psi(M(2;0;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2-2-2\ 1-2-2-2\ 1-2-2-2)$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)-	$\psi(N(2;0;\omega))$
-(2,1,1)(3,1,1)(3,1,1)(3,1,1)	$\psi(M(3;0;\omega))$
(0.0.0)/1.1.1)/0.1.1)/0.1.1)	$\psi((2-2-2\ 1-)^{\omega}1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (3,1,1)(3,1,1)(3,0,0)	$\psi(M(\omega;0;0))$
-(3,1,1)(3,1,1)(3,0,0)	$\psi(N(\omega;0;0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-2-2\ 1-)^{(2)}1-2-2-2)$
-(3,1,1)(3,1,1)(3,1,0)	$\psi(M(\Omega;0;0))$
($\psi((2-2-2\ 1-)^{1,0}\ 1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(\psi_{M(1,0;0;0)}(0))$
-(3,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(\psi_O(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\frac{\psi(\psi_Q(0))}{\psi((2-2-2\ 1-)^{1@(1,0)}1-2-2-2)}$
-(3,1,1)(3,1,0)(4,1,0)(2,0,0)	$\psi(\psi_Q(Q^{Q^Q}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((1-)^{1,0} \text{ aft } 2-2-2-2)$
-(3,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(\psi_{\Omega_{Q+1}}(0))$
	$\psi(1-2-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(Q_\omega)$
-(3,1,1)(3,1,1)(3,1,1)	$\psi(M(1;0;0;\omega))$
	$\psi(1-2\ 1-2-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(Q(1,\omega))$
-(3,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(M(1;0;0;1,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2-2 \ 1-2-2-2 \ 1-2-2-2-2)$
$\begin{bmatrix} (3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,1) - (3,1,1)(3,1,1)(3,1,1) - (3,1,1)(3,1,1)(3,1,1)(3,1,1) - (3,1,1)(3,1,1)(3,1,1) - (3,1,1)(3,1,1)(3,1,1)(3,1,1) - (3,1,1)(3,1$	$\psi(Q(1;1;\omega))$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(1;1;1;\omega))$
	$\psi(1-2-2-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - $(3,1,1)(3,1,1)(3,1,1)(3,1,1)$	$\psi(Q\{2\}_\omega)$
	$\psi(\mathscr{A}(2;0;0;0;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,0,0)	$\psi(M(1,0,0,0,\omega))$ $\psi((2-)^{\omega})$
	$\psi(Q\{\omega\})$
	$\psi(M(1;@\omega))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)	$\psi((2-)^{(2)})$
	$\psi(Q\{\Omega\})$
	$\psi(M(1;@\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{(2-)^{(2)}})$
-(4,1,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)	$\psi(M(1;@M(1;@\Omega)))$
	$\psi((2-)^{1,0})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_K(0))$
-(3,1,1)(4,1,0)(2,0,0)	$\psi(M(1;@(1,0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\varphi(M(1, \otimes (1, 0)))$
-(4,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\text{2nd }(2-)^{1,0})$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)-	//1 (0.)10)
-(3,1,1)(4,1,0)(2,1,1)	$\psi(1-(2-)^{1,0})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2\ 1-(2-)^{1,0})$
-(4,1,0)(2,1,1)(3,1,1)	$\psi(1-2,1-(2-))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-2 \ 1-(2-)^{1,0})$
-(4,1,0)(2,1,1)(3,1,1)(3,1,1)	Y ((-))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{(2)} \ 1 - (2-)^{1,0})$
-(4,1,0)(2,1,1)(3,1,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)	$\psi((2-)^{1,0} \ 1 - (2-)^{1,0})$
-(2,1,1)(3,1,1)(4,1,0)(2,0,0)	
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1) - \\ -(4,1,0)(3,1,0)(2,0,0) \end{array} $	$\psi(((2-)^{1,0}\ 1-)^{1,0}\ (2-)^{1,0})$
(0,0,0)(1,1,1)(2,1,1)-	
-(3,1,1)(4,1,0)(3,1,1)	$\psi(1-(2-)^{1,1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(3,1,1)(3,1,1)	$\psi(1-(2-)^{1,2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{1,(2-)^{1,0}})$
-(4,1,0)(3,1,1)(4,1,0)(1,1,1)-	
-(2,1,1)(3,1,1)(4,1,0)(2,0,0)	$\psi(\psi_K(\psi_K(0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{2,0})$
-(4,1,0)(3,1,1)(4,1,0)(2,0,0)	$\psi(\psi_K(K))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi((2-)^{3,0})$
-(3,1,1)(4,1,0)(3,1,1)(4,0,0)(2,0,0)	$\psi(\psi_K(K^2))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi((2-)^{\omega,0})$
-(3,1,1)(4,1,0)(4,0,0)	$\psi(\psi_K(K^\omega))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi((2-)^{1,0,0})$
-(3,1,1)(4,1,0)(4,1,0)(2,0,0)	$\psi(\psi_K(K^K))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi((2-)^{2,0,0})$
-(4,1,0)(3,1,1)(4,1,0)(4,1,0)(2,0,0)	$\psi(\psi_K(K^{K\cdot 2})) \ \psi((2-)^{1,0,0,0})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{1,0,0,0})$
-(4,1,0)(4,1,0)(4,1,0)(2,0,0)	$\psi(\psi_K(K^{K^2}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\frac{\psi(\psi_K(K^{K^2}))}{\psi((2-)^{1@(1,0)})}$
-(4,1,0)(5,1,0)(2,0,0)	$\psi(\psi_K(K^{K^K}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\frac{\psi(\psi_K(K^{K^K}))}{\psi((2-)^{1@(1@(1,0))})}$
-(4,1,0)(5,1,0)(6,1,0)(2,0,0)	$\psi(\psi_K(K^{K^{K^K}}))$
	$\psi((1-)^{1,0} \text{ aft } 3)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\psi_{\Omega_{K+1}}(0))$
-(3,1,1)(4,1,0)(5,2,0)	$\psi(\psi_K(arepsilon_{K+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 \text{ aft } 3)$
-(4,1,0)(5,2,0)(6,2,0)	$\psi(\Omega_{K+1})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(1-2 \text{ aft } 3)$
-(3,1,1)(4,1,0)(5,2,1)	$\psi(\Omega_{K+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi((1-)^{1,0} \text{ 2 aft } 3)$
-(5,2,1)(6,2,1)(7,2,0)(6,0,0)	$\psi(\psi_{I_{K+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\psi_{I_{K+1}}(0))$ $\psi(1-2\ 1-2\ \text{aft }3)$
-(4,1,0)(5,2,1)(6,2,1)(7,2,1)	, ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\frac{\psi(I_{K+\omega})}{\psi(1-2-2 \text{ aft } 3)}$
$\begin{bmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1)^2 \\ -(4,1,0)(5,2,1)(6,2,1)(7,2,1)(7,2,1) \end{bmatrix}$,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\frac{\psi(M_{K+\omega})}{\psi(1-2-2-2 \text{ aft } 3)}$
$\begin{bmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)^{2} \\ -(5,2,1)(6,2,1)(7,2,1)(7,2,1)(7,2,1) \end{bmatrix}$, ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi(N_{K+\omega})$
$\begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(0,1,1)(4,1,0)^{-1} \\ -(5,2,1)(6,2,1)(7,2,1)(8,0,0) \end{array}$	$\psi((2-)^{\omega} \text{ aft } 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	(2)
-(5,2,1)(6,2,1)(7,2,1)(8,1,0)	$\psi((2-)^{(2)} \text{ aft } 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,1)(6,2,1)(7,2,1)(8,1,0)-	$\psi((2-)^{(1-2-2)} \text{ aft } 3)$
-(1,1,1)(2,1,1)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,1)(6,2,1)(7,2,1)(8,1,0)-	$\psi((2-)^{(2-)^{\omega}} \text{ aft } 3)$
-(1,1,1)(2,1,1)(3,1,1)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi((2-)^{(2-)^{1,0}} \text{ aft } 3)$
-(5,2,1)(6,2,1)(7,2,1)(8,1,0)(1,1,1)-	$\psi((2-)^{\psi_K(0)} \text{ aft } 3)$
-(2,1,1)(3,1,1)(4,1,0)(2,0,0)	γ((-) ωτο σ)

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,1)(6,2,1)(7,2,1)(8,1,0)(1,1,1)	$\psi((2-)^{(2-)^{1,1}} \text{ aft } 3)$
-(2,1,1)(3,1,1)(4,1,0)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,1)(6,2,1)(7,2,1)(8,1,0)(1,1,1)-	$\psi((2-)^{\psi_K(\psi_{\Omega_{K+1}}(0))} \text{ aft } 3)$
-(2,1,1)(3,1,1)(4,1,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi((2-)^{(3)} \text{ aft } 3)$
-(5,2,1)(6,2,1)(7,2,1)(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi((2-)^{1,0} \text{ aft } 3)$
-(5,2,1)(6,2,1)(7,2,1)(8,2,0)(6,0,0)	$\psi(\psi_{K_2}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi((1-)^{1,0} \text{ aft 2nd 3})$
-(5,2,1)(6,2,1)(7,2,1)(8,2,0)(9,3,0)	$\psi(\psi_{\Omega_{K_2+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi((2-)^{1,0} \text{ aft 2nd 3})$
-(5,2,1)(6,2,1)(7,2,1)(8,2,0)(9,3,1)-	$\psi((2^{-}))$ and 2 hd $\phi)$ $\psi(\psi_{K_3}(0))$
-(10,3,1)(11,3,1)(12,3,0)(13,4,0)	$\psi(\psi_{K_3}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)	$\psi(1-3)$
(0,0,0)(1,1,1)(2,1,1)(0,1,1)(4,1,1)	$\psi(K_\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(2{ m nd}\ 1-3)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(6,2,1)	$\psi(K_{\omega \cdot 2})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(1-1-3)$
-(3,1,1)(4,1,1)(2,1,1)	$\psi(K_{\omega^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((1-)^{(2)} 3)$
-(4,1,1)(2,1,1)(3,1,0)	$\psi(K_\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(K_{\Omega}) \\ \psi((1-)^{(1-2)(1-2)} 3)$
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(K_{I_\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi((1-)^{(3)} 3)$
-(3,1,1)(4,1,0)(5,2,1)(6,2,1)-	$\psi(K_K)$
-(7,2,1)(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi((1-)^{1,0} \ 3)$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{K(1,0)}(0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2\ 1-3)$
-(4,1,1)(2,1,1)(3,1,1)	$\psi(K(1,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-2\ 1-3)$
-(4,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(K(1;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-2-2-2 \ 1-3)$
-(2,1,1)(3,1,1)(3,1,1)(3,1,1)	$\psi(K(1;0;\omega))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{\omega} \ 1-3)$
-(4,1,1)(2,1,1)(3,1,1)(4,0,0)	$\psi(K(1;@\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{1,0} \ 1-3)$
-(4,1,1)(2,1,1)(3,1,1)(4,1,0)(2,0,0)	$\psi(K(1; @(1,0)))$
(0.0.0)/1.1.1/(0.1.1)/0.1.1	$\psi(1-3 \ 1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(K(1;;\omega))$
-(4,1,1)(2,1,1)(3,1,1)(4,1,1)	$\psi(M(2;;\omega))$
	$\psi((3\ 1-)^{\omega}\ 3)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(K(\omega;;0))$
-(3,1,1)(4,1,1)(3,0,0)	$\psi(M(\omega;;0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((3\ 1-)^{1,0}\ 3)$
-(4,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{K(1,0;;0)}(0))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(1-2-3)$
-(3,1,1)(4,1,1)(3,1,1)	$\psi(K(1;0;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3\ 1-2-3)$
$\begin{array}{c c} (3,3)(1,3)(2,1,1)(3,1,1) \\ -(4,1,1)(3,1,1)(2,1,1)(3,1,1)(4,1,1) \end{array}$	$\psi(K(1;1;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-2-3\ 1-2-3)$
-(3,1,1)(2,1,1)(3,1,1)(4,1,1)(3,1,1)	$\psi(K(2;0;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1, (2, 0, \infty))$ $\psi(1-2-2-3)$
-(4,1,1)(3,1,1)(3,1,1)	$\psi(K(1;0;0;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{\omega} 3)$
-(4,1,1)(3,1,1)(4,0,0)	$\psi(K(\{1;@\omega\};;0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{1,0} 3)$
-(4,1,1)(3,1,1)(4,1,0)(2,0,0)	$\psi(K(\{1;@(1,0)\};;0))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(1-3\ 2-3)$
-(3,1,1)(4,1,1)(3,1,1)(4,1,1)	$\psi(K(1;;0;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3,2-3,2-3)$
$\begin{bmatrix} (0,0,0)(1,1,1)(2,1,1)(0,1,1) \\ -(4,1,1)(3,1,1)(4,1,1)(3,1,1)(4,1,1) \end{bmatrix}$	$\psi(K(1;;0;;0;;\omega))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi((3\ 2-)^{\omega}\ 3)$
-(3,1,1)(4,1,1)(4,0,0)	$\psi(K(1;;@\omega))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi((3\ 2-)^{1,0}\ 3)$
-(3,1,1)(4,1,1)(4,1,0)(2,0,0)	$\psi(K(1;;@(1,0)))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(1, 3-3)$
-(3,1,1)(4,1,1)(4,1,1)	$\psi(K(1;;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3\ 1-3-3)$
$\begin{bmatrix} (0,0,0)(1,1,1)(2,1,1)(0,1,1) \\ -(4,1,1)(4,1,1)(2,1,1)(3,1,1)(4,1,1) \end{bmatrix}$	$\psi(K(1;;;1;;\omega))$

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-3-3\ 1-3-3)$
-(4,1,1)(2,1,1)(3,1,1)(4,1,1)(4,1,1)	$\psi(K(2;;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-3-3)$
-(4,1,1)(4,1,1)(3,1,1)	$\psi(K(1;0;;;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3\ 2-3-3)$
-(4,1,1)(4,1,1)(3,1,1)(4,1,1)	$\psi(K(1;;0;;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-3-3\ 2-3-3)$
-(4,1,1)(3,1,1)(4,1,1)(4,1,1)	$\psi(K(1;;;0;;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3-3-3)$
-(4,1,1)(4,1,1)(4,1,1)	$\psi(K(1;;;;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3-3-3-3)$
-(4,1,1)(4,1,1)(4,1,1)(4,1,1)	$\psi(K(1;;;;;;\omega))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi((3-)^\omega)$
-(3,1,1)(4,1,1)(5,0,0)	$\psi(K(1[\omega]0))$
(0,0,0)(1,1,1)(2,1,1)-	
-(3,1,1)(4,1,1)(5,1,0)	$\psi((3-)^{(2)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	
-(5,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((3-)^{(3)})$
-(4,1,0)(5,2,1)(6,2,1)(7,2,1)-	$\psi((3-)^{(i)})$
-(8,2,1)(9,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((3-)^{1,0})$
-(4,1,1)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 ext{ aft } 4)$
-(4,1,1)(5,1,0)(6,2,0)	$\psi(\psi_{\Omega_{\kappa+1}}(0))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(1-4)$
-(3,1,1)(4,1,1)(5,1,1)	$\psi(\kappa_\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-1-4)$
-(4,1,1)(5,1,1)(2,1,1)	$\psi(1 1 1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2 1-4)$
-(4,1,1)(5,1,1)(2,1,1)(3,1,1)	, ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-3 \ 1-4)$
-(5,1,1)(2,1,1)(3,1,1)(4,1,1)	, , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)	$\psi(1-4\;1-4)$
$\begin{array}{c c} -(5,1,1)(2,1,1)(3,1,1)(4,1,1)(5,1,1) \\ \hline & (0,0,0)(1,1,1)(2,1,1)(2,1,1) \end{array}$	
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (4,1,1)(5,1,1)(3,1,1)	$\psi(1-2-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1)(2,1,1)(3,1,1) - (0,0,0)(1,1,1)(2,1,1	
-(4,1,1)(5,1,1)(3,1,1)(3,1,1)	$\psi(1-2-2-4)$
-(-,1,1)(0,1,1)(0,1,1)(0,1,1)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	//1 22 ()
-(4,1,1)(5,1,1)(3,1,1)(4,1,1)	$\psi(1-3\ 2-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	//1 / 1 2 / 1
-(4,1,1)(5,1,1)(3,1,1)(4,1,1)(5,1,1)	$\psi(1-4\ 2-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	//4 0 1)
-(4,1,1)(5,1,1)(4,1,1)	$\psi(1-3-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	//1 4.9 4\
-(4,1,1)(5,1,1)(4,1,1)(5,1,1)	$\psi(1-4\ 3-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	(((4.2)\(\omega\)
-(4,1,1)(5,1,1)(5,0,0)	$\psi((4\ 3-)^{\omega}\ 4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	//(1 4 4)
-(4,1,1)(5,1,1)(5,1,1)	$\psi(1-4-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	(1 4 4 4)
-(4,1,1)(5,1,1)(5,1,1)(5,1,1)	$\psi(1-4-4-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	J.((A)W)
-(4,1,1)(5,1,1)(6,0,0)	$\psi((4-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-5)$
-(4,1,1)(5,1,1)(6,1,1)	$\psi(1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	
-(5,1,1)(6,1,1)(2,1,1)(3,1,1)-	$\psi(1-5 1-5)$
-(4,1,1)(5,1,1)(6,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((5\ 1-)^{(2)}\ 5)$
-(4,1,1)(5,1,1)(6,1,1)(3,1,0)	$\varphi((0 1-) = 0)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-5)$
-(4,1,1)(5,1,1)(6,1,1)(3,1,1)	$\psi(1 2 0)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3-5)$
-(4,1,1)(5,1,1)(6,1,1)(4,1,1)	ψ(1 0 0)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-4-5)$
-(5,1,1)(6,1,1)(5,1,1)	ψ(1 1 3)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-5-5)$
-(5,1,1)(6,1,1)(6,1,1)	Ψ (1 0 0)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-6)$
-(5,1,1)(6,1,1)(7,1,1)	7 (- 3)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-7)$
-(5,1,1)(6,1,1)(7,1,1)(8,1,1)	τ (- ')
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-8)$
-(5,1,1)(6,1,1)(7,1,1)(8,1,1)(9,1,1)	r (= =)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,1)(5,1,1)(6,1,1)(7,1,1)-	$\psi(1-9)$
-(8,1,1)(9,1,1)(10,1,1)	

BMS	反射 OCF (Madore-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,1)(5,1,1)(6,1,1)(7,1,1)-$ $-(8,1,1)(9,1,1)(10,1,1)(11,1,1)$	$\psi(1-10)$
(0,0,0)(1,1,1)(2,2,0)	$\psi(\mathrm{psd.}\ \Pi_{\omega})$ $\psi(\lambda\alpha.(\alpha+1)-\Pi_0)$

A.11 BMS vs 反射 OCF(Buchholz-like)

本节的结果主要引自 $^{[18-23]}$,所使用的反射 OCF 为帕秋莉定义的 Buchholz-like 版本。

BMS	反射 OCF (Buchholz-like)
(0,0)(1,1)	$\psi(\Omega)$
	$\psi(M)$
(0,0,0)(1,1,1)	$\psi(\Omega_\omega)$
(0,0,0)(1,1,1)	$\psi(M\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)	$\psi(\Omega_{\omega^2})$
(0,0,0)(1,1,1)(2,1,1)	$\psi(M\cdot\omega^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(\Omega_\Omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(M\cdot\psi_M(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)	$\psi(\Omega_{\Omega_\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)	$\psi(M\cdot\psi_M(M\cdot\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_\Omega})$
-(1,1,1)(2,1,1)(3,1,0)	$\psi(M\cdot \psi_M(M\cdot \psi_M(M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(\Omega_{\Omega_{\Omega_\Omega}})$
-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(M\cdot\psi_M(M\cdot\psi_M(M\cdot\psi_M(M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(I)$
(0,0,0)(1,1,1)(2,1,1)(0,1,0)(2,0,0)	$\psi(M^2)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I+1)$
-(3,1,0)(2,0,0)(1,0,0)	$\psi(M^2+1)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I+\Omega)$
-(3,1,0)(2,0,0)(1,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I+\Omega_2)$
-(2,0,0)(1,1,0)(2,2,1)(3,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(2))$
-(4,2,0)(3,0,0)(2,2,0)	. , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I+\Omega_\omega)$
-(2,0,0)(1,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(\omega))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I+\Omega_\Omega)$
-(2,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)-	$\psi(I+\Omega_\Omega)$
-(1,1,1)(2,1,1)(3,1,0)(1,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)-	$\psi(I+\Omega_{\Omega_{**}})$
-(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M\psi_M(M)))$
-(1,1,1)(2,1,1)(3,1,0)	$\psi(M + \psi_{\psi_M(M^2)}(M\psi_M(M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I+\Omega_{\Omega_\Omega})$
-(2,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M\psi_M(M\psi_M(M))))$
-(1,1,1)(2,1,1)(3,1,0)(1,1,1)	. , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I+\psi_I(I))$
-(2,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(1))$
-(2,0,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_{W^{(M^2)}}(M^2+1)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(2))$
-(2,0,0)(2,0,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2+1)(2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I+\psi_{\Omega_{\psi_I(I)+1}}(\Omega))$
-(2,1,0)	$\psi(M^2 + \psi_{\psi_{M}(M^2)(M^2+1)}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(\Omega_{\omega}))$
-(2,1,0)(1,1,1)	$\psi(M^2 + \psi_{\psi_{_{M}(M^2)}(M^2+1)}(M\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I))$
-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I) + \psi_I(I))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2) + \psi_{\psi_{M}(M^2)}(M^2))$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I) + \psi_{\Omega_{\psi_I(I)+1}}(\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2+1)(M^2) +$
-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi_{\psi_{_{\Psi_{_{M}}(M^{2})}(M^{2}+1)}}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_r(I)+1}}(I) \cdot 2)$
-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	71(-) -
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I+1))$
-(2,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega))$
-(2,1,0)(2,1,0)	$\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2 + \psi_{\psi_M(M^2)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_I(I)))$
-(2,1,0)(2,1,0)(1,1,1)(2,1,1)-	11()
-(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1)(M^2 + \psi_{\psi_M(M^2)}(M^2)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(2,1,0)(1,1,1)(2,1,1)-$ $-(3,1,0)(2,1,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_I(I)) + \psi_{\Omega_{\psi_I(I)+1}}(\Omega))$ $\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2+1)(M^2 + \psi_{\psi_{M}(M^2)}(M^2+1)(M))$ $\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2)) + \psi_{\psi_{M}(M^2)}(M^2+1)(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(2,1,0)(1,1,1)(2,1,1)(3,1,0)-$ $-(2,1,0)(2,1,0)(1,1,1)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_I(I)) \cdot 2)$ $\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2 + \psi_{\psi_M(M^2)}(M^2)) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - $(2,1,0)(2,1,0)(2,0,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_I(I) + 1))$ $\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2 + \psi_{\psi_{M(M^2)}(M^2) + 1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - $(2,1,0)(2,1,0)(2,1,0)(2,0,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_I(I) \cdot 2 + 1))$ $\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2 + 1))$ $\psi_{\psi_M(M^2)}(M^2) \cdot 2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,0,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(1)))$ $\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,0,0)(2,0,0)$	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+1}}(1) + 1))$ $\psi(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+1)}(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+1)}(1) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - $(2,1,0)(3,0,0)(2,1,0)(3,0,0)$	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+1}}(1) \cdot 2))$ $\psi(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2}+1)$ $\psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+1)}(1) \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,0,0)(3,0,0)$	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+1}}(2)))$ $\psi(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+1)}(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+1)}(2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - $(2,1,0)(3,1,0)$	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+1}}(M)))$ $\psi(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+1)}(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+1)}(M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,1,0)(1,1,1)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+1}}(I)))$ $\psi(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2}+1)$ $\psi_{\psi_{\psi_{M}}(M^{2})}(M^{2}+1)(M^{2})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,1,0)(2,0,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(I) + 1))$ $\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2) + 1))$

BMS	反射 OCF (Buchholz-like)
	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(I) + \psi_{\Omega_{\psi_I(I)+1}}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_{M^{(M^2)}}(M^2+1)}(M^2 +$
-(2,1,0)(3,1,0)(2,1,0)(3,0,0)	$\psi_{\psi_{_{\Psi_{M}(M^{2})}(M^{2}+1)}(M^{2})}$
	$+\psi_{\psi_{_{M}(M^2)}(M^2+1)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(I) \cdot 2))$
-(2,1,0)(3,1,0)(2,1,0)(3,1,0)-	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2+1)(M^2)$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$+\psi_{\psi_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(I) \cdot 3))$
-(2,1,0)(3,1,0)(2,1,0)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + 1)(M^2$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$+\psi_{\psi_{M}(M^2)}(M^2+1)(M^2)\cdot 3))$
(0.0.0)(1.1.1)(2.1.1)(2.1.0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(I+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(3,1,0)(3,0,0)	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2+1)(M^2$
(=,=,0)(0,=,0)(0,0,0)	$+\psi_{\psi_M(M^2)}(M^2+1)(M^2+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_I(I))))$
-(2,1,0)(3,1,0)(3,1,0)(1,1,1)-	$\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2 +$
-(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2)}(M^2+1)(M^2+\psi_{\psi_M(M^2)}(M^2))))$
	$\psi(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2 +$
-(2,1,0)(3,1,0)(4,0,0)	$\psi_{\psi_{M(M^2)}(M^2+1)}(M^2$
	$+\psi_{\psi_{\psi_M(M^2)}(M^2+1)}(1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \Omega_{\psi_I(I)+1})$
-(2,1,0)(3,2,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(I + \Omega_{\psi_I(I)+1} + \psi_I(I))$
$ \begin{array}{c} -(2,1,0)(3,2,0)(1,1,1) - \\ -(2,1,1)(3,1,1)(2,0,0) \end{array} $	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1) + \psi_{\psi_M(M^2)}(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \Omega_{\psi_I(I)+1} + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1}))$
-(2,1,0)(3,2,0)(1,1,1)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1) +$
-(3,1,1)(2,1,0)(3,2,0)	$\psi_{\psi_{M}(M^2)}(M^2+1)(M^2+\psi_{\psi_M(M^2)}(M^2+1)))$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)	$\psi(I + \Omega_{\psi_I(I)+1} + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1} + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1) +$
-(2,1,0)(3,2,0)(2,0,0)	$\psi_{\psi_{M}(M^2)}(M^2+1)(M^2+\psi_{M}(M^2)(M^2+1)+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I + \Omega_{\psi_I(I)+1} + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1} + \psi_I(I)))$
-(2,1,0)(3,2,0)(2,1,0)(1,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1) + \psi_{\psi_{\psi_M(M^2)}(M^2 + 1)}(M^2 +$
-(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2)}(M^2+1) + \psi_{\psi_M(M^2)}(M^2)))$

BMS	反射 OCF (Buchholz-like)
	$\psi(I + \Omega_{\psi_I(I)+1} + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1})$
	$+\psi_{\Omega_{\psi_I(I)+1}}(I+\Omega_{\psi_I(I)+1})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1) + \psi_{\psi_{\psi_M(M^2)}(M^2 + 1)}(M^2 +$
-(2,1,0)(3,2,0)(2,1,0)(3,2,0)	$\psi_{\psi_M(M^2)}(M^2+1) + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2)$
	$+\psi_{\psi_M(M^2)}(M^2+1))))$
	$\psi(I + \Omega_{\psi_I(I)+1} + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1} +$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)	$\psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1} + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,2,0)(3,0,0)$	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1) + \psi_{\psi_{\psi_M(M^2)}(M^2 + 1)}(M^2 +$
-(2,1,0)(3,2,0)(3,0,0)	$\psi_{\psi_M(M^2)}(M^2+1) + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2)$
	$+\psi_{\psi_M(M^2)}(M^2+1)+1)))$
	$\psi(I + \Omega_{\psi_I(I)+1} + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1} + \psi_{\Omega_{\psi_I(I)+1}}(I + I))$
	$\Omega_{\psi_I(I)+1} + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1) + \psi_{\psi_{\psi_M(M^2)}(M^2 + 1)}(M^2 +$
-(3,2,0)(3,1,0)(4,2,0)	$\psi_{\psi_M(M^2)}(M^2+1) + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2)$
	$+\psi_{\psi_M(M^2)}(M^2+1) + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2+$
	$\psi_{\psi_M(M^2)}(M^2+1)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I)+1} \cdot 2)$
-(3,2,0)(3,2,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(\Omega))$
-(3,2,0)(4,1,0)	$\psi(M^2 + \psi_{\psi_{M}(M^2)(M^2+2)}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I))$
-(3,2,0)(4,1,0)(1,1,1)- $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2+2)(M^2))$
	$\psi(I + \psi_{\Omega_{\psi_{\tau}(I)+2}}(I) + \psi_{\Omega_{\psi_{\tau}(I)+1}}(I + \psi_{\Omega_{\psi_{\tau}(I)+2}}(I) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+2)}(M^2) + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 +$
-(3,2,0)(4,1,0)(2,0,0)	$\psi_{\psi_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - $(3,2,0)(4,1,0)(2,1,0)(3,2,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I) + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+2}}(I) +$
	$\psi_{\Omega_{\psi_I(I)+1}}(I+\Omega_{\psi_I(I)+1})))$
	$\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+2)}(M^2) + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 +$
	$\psi_{\psi_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_$
	$+\psi_{\psi_{M}(M^{2})}(M^{2}+\psi_{\psi_{M}(M^{2})}(M^{2}+1))))$
	$ \qquad \qquad$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,0)(4,1,0)(2,1,0)(3,2,0)(4,1,0)	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+2}}(\Omega))))$ $\psi(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M^{2}) + \psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M^{2}) + \psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) $-(3,2,0)(4,1,0)(3,1,0)$	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \Omega)))$ $\psi(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M^{2}) + \psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M^{2}) + \psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M^{2}) + \psi_{\psi_{M}(M^{2})}(1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,0)(4,1,0)(3,1,0)(4,2,0)(5,1,0)	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+2}}(I) + \psi_{\Omega_{\psi_{I}(I)+2}}(I + \psi_{\Omega_{\psi_{I}(I)+2}}(\Omega)))))$ $\psi(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M^{2}) + \psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M^{2}) + \psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M^{2}) + \psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+2)(M)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -(3,2,0)(4,1,0)(3,2,0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I) + \Omega_{\psi_I(I)+1})$ $\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+2)}(M^2) + \psi_{\psi_M(M^2)}(M^2+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,0)(4,1,0)(3,2,0)(4,1,0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I) + \psi_{\Omega_{\psi_I(I)+2}}(\Omega))$ $\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + 2)(M^2) + \psi_{\psi_{M}(M^2)}(M^2 + 2)(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -(3,2,0)(4,1,0)(4,0,0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I+1))$ $\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+2)}(M^2+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,0)(4,1,0)(4,1,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I + \Omega))$ $\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+2)}(M^2 + \psi_{\psi_M(M^2)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,0)(4,1,0)(4,1,0)(4,1,0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I + \psi_I(I) + \Omega))$ $\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + 2)(M^2 + 2)$ $\psi_{\psi_M(M^2)}(M^2) + \psi_{\psi_M(M^2)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - $(3,2,0)(4,1,0)(5,0,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I + \psi_{\Omega_{\psi_I(I)+1}}(1)))$ $\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $(3,2,0)(4,1,0)(5,2,0)$	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I + \psi_{\Omega_{\psi_{I}(I)+1}}(I + \Omega_{\psi_{I}(I)+1})))$ $\psi(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+2)}(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+1)}(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $(3,2,0)(4,2,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I + \Omega_{\psi_I(I)+1}))$ $\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + 2)(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I)+2}}(I + \Omega_{\psi_I(I)+1} \cdot 2))$
-(3,2,0)(4,2,0)(4,2,0)	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + 2)(M^2 + \psi_{\psi_M}(M^2)(M^2 + 1) \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,0)(4,2,0)(5,2,0)$	$\psi(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I + \psi_{\Omega_{\psi_{I}(I)+2}}(I + \Omega_{\psi_{I}(I)+1})))$ $\psi(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+2)}(M^{2} + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2}+2)}(M^{2} + \psi_{\psi_{M}(M^{2})}(M^{2}+1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,0)(4,3,0)$	$\psi(I + \Omega_{\psi_I(I)+2})$ $\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,0)(4,3,0)(2,0,0)	$\psi(I + \Omega_{\psi_I(I)+2} + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+2} + 1))$ $\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 2) + \psi_{\psi_{M}(M^2)}(M^2 + 1))$ $\psi_{\psi_M(M^2)}(M^2 + 2) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,0)(4,3,0)(3,2,0)$	$\psi(I + \Omega_{\psi_I(I)+2} + \Omega_{\psi_I(I)+1})$ $\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 2) + \psi_{\psi_M(M^2)}(M^2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,0)(4,3,0)(3,2,0)(4,3,0)	$\psi(I + \Omega_{\psi_I(I)+2} + \psi_{\Omega_{\psi_I(I)+2}}(I + \Omega_{\psi_I(I)+2}))$ $\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 2) + \psi_{\psi_{\psi_M(M^2)}(M^2+2)}(M^2 + \psi_{\psi_M(M^2)}(M^2 + 2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,0)(4,3,0)(4,3,0)$	$\psi(I + \Omega_{\psi_I(I)+2} \cdot 2)$ $\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + 2) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,0)(4,3,0)(5,0,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+3}}(1))$ $\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+3)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,0)(4,3,0)(5,4,0)$	$\psi(I+\Omega_{\psi_I(I)+3}) \ \psi(M^2+\psi_{\psi_M(M^2)}(M^2+3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(2,1,0)(3,2,1)$	$\psi(I + \Omega_{\psi_I(I) + \omega})$ $\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,1)(3,2,0)$	$\psi(I + \Omega_{\psi_I(I) + \omega} + \Omega_{\psi_I(I) + 1})$ $\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega) + \psi_{\psi_M(M^2)}(M^2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,1)(3,2,0)(4,3,1)(4,3,0)	$\psi(I + \Omega_{\psi_I(I) + \omega} + \Omega_{\psi_I(I) + 2})$ $\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega) + \psi_{\psi_M(M^2)}(M^2 + 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,1)(3,2,1)$	$\psi(I + \Omega_{\psi_I(I) + \omega} \cdot 2)$ $\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,1)(4,1,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I) + \omega + 1}}(\Omega))$ $\psi(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2 + \omega + 1)}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,1)(4,1,0)(1,1,1)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(I + \psi_{\Omega_{\psi_I(I)+\omega+1}}(I))$ $\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2+\omega+1)}(M^2))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - $(3,2,1)(4,1,0)(3,2,1)$	$\psi(I + \psi_{\Omega_{\psi_I(I) + \omega + 1}}(I) + \Omega_{\psi_I(I) + 1})$
	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + \omega + 1)(M^2)$
	$+\psi_{\psi_M(M^2)}(M^2+\omega))$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)(0.1.0)	$\psi(I + \psi_{\Omega_{\psi_I(I) + \omega + 1}}(I) + \psi_{\Omega_{\psi_I(I) + \omega + 1}}(\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + \omega + 1))(M^2)$
-(3,2,1)(4,1,0)(3,2,1)(4,1,0)	$+\psi_{\psi_{M(M^2)}(M^2+\omega+1)}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \psi_{\Omega_{\psi_I(I) + \omega + 1}}(I + \Omega))$
-(3,2,1)(4,1,0)(4,1,0)	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + \omega + 1)(M^2 + \psi_{\psi_M(M^2)}(1)))$
	$\psi(I + \psi_{\Omega_{\psi_I(I)+\omega+1}}(I + \psi_I(I)) +$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi_{\Omega_{\psi_I(I)+\omega+1}}(I+\Omega))$
-(3,2,1)(4,1,0)(4,1,0)-	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + \omega + 1)(M^2 + \psi_{\psi_{M}(M^2)}(M^2)) +$
-(3,2,1)(4,1,0)(4,1,0)	$\psi_{\psi_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_$
	$(M^2 + \psi_{\psi_M(M^2)}(1)))$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)(0.1.0)	$\psi(I + \psi_{\Omega_{\psi_I(I) + \omega + 1}}(I + \psi_I(I) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2 + \omega + 1)})$
-(3,2,1)(4,1,0)(4,1,0)(4,0,0)	$(M^2 + \psi_{\psi_M(M^2)}(M^2) + 1))$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)(0.1.0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+\omega+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2 + \omega + 1)})$
-(3,2,1)(4,1,0)(5,0,0)	$(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(1)))$
(0.0.0)(1.1.1)(2.1.1)(2.1.0)(2.1.0)	$\psi(I + \psi_{\Omega_{\psi_I(I) + \omega + 1}}(I + \psi_{\Omega_{\psi_I(I) + 1}}(I + \Omega_{\psi_I(I) + 1})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_{M(M^2)}(M^2 + \omega + 1)})$
-(3,2,1)(4,1,0)(5,2,0)	$(M^2 + \psi_{\psi_M(M^2)}(M^2+1)(M^2 + \psi_{\psi_M(M^2)}(M^2+1))))$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)(0.1.0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+\omega+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+\omega})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,1)(4,1,0)(5,2,1)$	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + \omega + 1))(M^2 + \omega)$
-(3,2,1)(4,1,0)(3,2,1)	$\psi_{\psi_{M}(M^2)}(M^2+1)(M^2+\psi_{\psi_M}(M^2+\omega))))$
(0,0,0)/1,1,1/(0,1,1)/(0,1,0)/(0,1,0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+\omega+1}}(I + \Omega_{\psi_I(I)+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,1)(4,2,0)$	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + \omega + 1))$
-(3,2,1)(4,2,0)	$(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1)))$
(0,0,0)/1,1,1)/0,1,1)/0,1,0)/0,1,0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+\omega+1}}(I + \Omega_{\psi_I(I)+\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- $-(3,2,1)(4,2,0)(3,2,1)$	$\psi(M^2 + \psi_{\psi_{M}(M^2)}(M^2 + \omega + 1))$
-(0,4,1)(4,4,U)(0,4,1)	$(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega)))$
(0,0,0)/1,1,1)/9,1,1)/9,1,0)/0,1,0)	$\psi(I + \psi_{\Omega_{\psi_I(I)+\omega+1}}(I + \Omega_{\psi_I(I)+\omega}) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,1)(4,2,0)(3,2,1)(4,2,0)(3,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega + 1))(M^2 + \psi_{\psi_M(M^2)})$
	$(M^2 + \omega)) \cdot 2)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \omega + 1})$
-(3,2,1)(4,2,0)(5,3,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \omega + 2})$
-(3,2,1)(4,2,0)(5,3,0)(6,4,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega + 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \omega \cdot 2})$
-(3,2,1)(4,2,0)(5,3,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \omega \cdot 3})$
-(3,2,1)(4,2,0)(5,3,1)(6,3,0)(7,4,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega \cdot 3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \omega^2})$
-(3,2,1)(4,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi(2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \omega^2 + 1})$
-(3,2,1)(4,2,1)(4,2,0)(5,3,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi(2) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \omega^2 + \omega})$
-(3,2,1)(4,2,1)(4,2,0)(5,3,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi(2) + \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \omega^2 + \omega \cdot 2})$
-(3,2,1)(4,2,1)(4,2,0)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi(2) + \omega \cdot 2))$
-(5,3,1)(6,3,0)(7,4,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(I + \Omega_{\psi_I(I) + \omega^2 \cdot 2})$
-(3,2,1)(4,2,1)(4,2,0)(5,3,1)(6,3,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi(2) \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(I+\Omega_{\psi_I(I)+\omega^2\cdot 3})$
-(3,2,1)(4,2,1)(4,2,0)(5,3,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi(2) \cdot 3))$
$\begin{array}{c c} -(6,3,1)(6,3,0)(7,4,1)(8,4,1) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)- \end{array}$	
$(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)^{-1}$ $-(3,2,1)(4,2,1)(4,2,0)(5,3,1)^{-1}$	$\psi(I + \Omega_{\psi_I(I) + \omega^2 \cdot 3})$
-(6,3,1)(6,3,0)(7,4,1)(8,4,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi(2) \cdot 3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \omega^3})$
-(3,2,1)(4,2,1)(4,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi(3)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) + \Omega})$
-(3,2,1)(4,2,1)(5,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I)\cdot 2})$
-(3,2,1)(4,2,1)(5,1,0)(1,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2)))$
-(2,1,1)(3,1,0)(2,0,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I)\cdot 2+1})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)(5,3,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	//
-(3,2,1)(4,2,1)(5,1,0)(4,2,0)(5,3,1)	$\psi(I + \Omega_{\psi_I(I)\cdot 3}) \tag{16}$
-(6,3,1)(7,1,0)(1,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2) \cdot 2))$
-(2,1,1)(3,1,0)(2,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_I(I) \cdot \omega})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I+\Omega_{\psi_I(I)\cdot\omega^2})$
-(3,2,1)(4,2,1)(5,1,0)(4,2,1)(4,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_{\Omega_{\psi_I}(I)+1}(I+1)})$
-(3,2,1)(4,2,1)(5,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2+1)))$
-(4,2,1)(5,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_{\Omega_{\psi_I(I)+1}}(I + \psi_I(I) \cdot \omega)})$
-(3,2,1)(4,2,1)(5,1,0)(5,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 +$
	$\psi_{\psi_{M}(M^{2})}(M^{2}+1)(M^{2}+\psi_{\psi_{M}(M^{2})}(M^{2}+1)(1))))$ $\psi(I+\Omega_{\psi_{\Omega_{\psi_{I}(I)+1}}(I+\psi_{\Omega_{\psi_{I}(I)+1}}(I)+1)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	
-(3,2,1)(4,2,1)(5,1,0)(5,1,0)(4,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 +$
	$\psi_{\psi_{M(M^2)}(M^2+1)}(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2) + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_{\Omega_{\psi_I}(I)+1}}(I + \psi_{\Omega_{\psi_I}(I)+1}(I+1)))$
-(3,2,1)(4,2,1)(5,1,0)(5,1,0)(5,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 +$
(0,=,=)(1,=,=)(0,1,0)(0,=,0)(0,0,0)	$\psi_{\psi_{M}(M^2)}(M^2+1)(M^2+\psi_{\psi_{M}(M^2)}(M^2+1)(M^2+1))))$
(0.0.0)/1.1.1)/0.1.1)/9.1.0)/9.1.0)	$\psi(I + \Omega_{\psi_{\Omega_{\psi_I(I)+1}}(I + \psi_{\Omega_{\psi_I(I)+1}}(I + \psi_I(I) \cdot \omega))})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,1)(4,2,1)(5,1,0)(6,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 +$
-(0,2,1)(4,2,1)(0,1,0)(0,0,0)	$\psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2+\psi_{\psi_{\psi_M(M^2)}(M^2+1)}(1)))))$
(0.0.0)/1.1.1/(0.1.1)/(0.1.0)/(0.1.0)	$\psi(I + \Omega_{\psi_{\Omega_{\psi_I}(I)+1}}(I + \Omega_{\psi_I(I)+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (2,2,1)(4,2,1)(5,1,0)(6,2,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 +$
-(3,2,1)(4,2,1)(5,1,0)(6,2,0)	$\psi_{\psi_M(M^2)}(M^2+1))))$
	$\psi(I + \Omega_{\psi_{\Omega_{\psi_I}(I)+1}(I + \Omega_{\psi_I(I)+\omega})})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (2,2,1)(4,2,1)(5,1,0)(6,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 +$
-(3,2,1)(4,2,1)(5,1,0)(6,2,1)	$\psi_{\psi_M(M^2)}(M^2+\omega))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(I + \Omega_{\psi_{\Omega_{\psi_I}(I)+1}}(I + \Omega_{\psi_{\Omega_{\psi_I}(I)+1}}(\Omega)))$
-(3,2,1)(4,2,1)(5,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 +$
-(6,2,1)(7,2,1)(8,1,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2+1)(M))))$
(0.0.0)(1.1.1)(2.1.1)(2.1.0)(2.1.0)	$\psi(I + \Omega_{\psi_{\Omega_{\psi_{I}}(I)+1}(I + \Omega_{\psi_{\Omega_{\psi_{I}}(I)+1}}(\Omega))})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,1)(4,2,1)(5,1,0) -	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 +$
-(6,2,1)(7,2,1)(8,1,0)	1 1 1
(,,,(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2+1)(M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\psi_{\Omega_{\psi_{I}(I)+1}}(I + \Omega_{\psi_{\Omega_{\psi_{I}(I)+1}}}(I + \Omega_{\psi_{I}(I)+1})))$
-(3,2,1)(4,2,1)(5,1,0)(6,2,1)- $-(7,2,1)(8,1,0)(9,2,0)$	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)$
	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2 +$
	$\psi_{\psi_M(M^2)}(M^2+1))))))$

BMS	反射 OCF (Buchholz-like)
	$\psi(I + \Omega_{\psi_{\Omega_{\psi_I}(I)+1}}(I + \Omega_{\psi_{\Omega_{\psi_I}(I)+1}}(I + \Omega_{\psi_{\Omega_{\psi_I}(I)+1}}(\Omega))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 +$
-(3,2,1)(4,2,1)(5,1,0)(6,2,1)(7,2,1)-	$\psi_{\psi_{_{\Psi_{M}}(M^{2})}(M^{2}+1)}(M^{2}+\psi_{\psi_{M}(M^{2})}(M^{2}+$
-(8,1,0)(9,2,1)(10,2,1)(11,1,0)	$\psi_{\psi_{M}(M^2)}(M^2+1)(M^2+1)$
	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_{M^{(M^2)}}(M^2+1)}(M))))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I+\Omega_{\Omega_{\psi_I}(I)+1})$
-(3,2,1)(4,2,1)(5,2,0)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\Omega_{\psi_I}(I)+\omega})$
-(3,2,1)(4,2,1)(5,2,0)(3,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2 + \omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I+\Omega_{\Omega_{\Omega_{\eta_{r}}(I)+1}})$
-(3,2,1)(4,2,1)(5,2,0)-	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 +$
-(3,2,1)(4,2,1)(5,2,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I + \Omega_{\Omega_{\Omega_{\Omega_{th}}(I)+1}})$
-(3,2,1)(4,2,1)(5,2,0)(3,2,1)(4,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2 +$
-(5,2,0)(3,2,1)(4,2,1)(5,2,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I\cdot 2)$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^2 + \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I \cdot 2 + \psi_I(I))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)-	$\psi(M^2 + \psi_M(M^2) + \psi_{\psi_M(M^2)}(M^2))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I \cdot 2 + \Omega_{\psi_I(I)+1})$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)(3,2,0)	$\psi(M^2 + \psi_M(M^2) + \psi_{\psi_M(M^2)}(M^2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(I \cdot 2 + \Omega_{\psi_I(I) + \omega})$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)(3,2,1)	$\psi(M^2 + \psi_M(M^2) + \psi_{\psi_M(M^2)}(M^2 + \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(I \cdot 2 + \Omega_{\Omega_{\psi_I(I)+1}})$
$ \begin{array}{c} -(3,2,1)(4,2,1)(5,2,0)(4,0,0) - \\ -(3,2,1)(4,2,1)(5,2,0) \end{array} $	$\psi(M^2 + \psi_M(M^2) + \psi_{\psi_M(M^2)}(M^2 +$
$ \frac{-(3,2,1)(4,2,1)(3,2,0)}{(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)} $	$\psi_{\psi_M(M^2)}(M^2+1)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - \\ -(3,2,1)(4,2,1)(5,2,0)(4,0,0) - \end{array} $	$\psi(I\cdot 2+\psi_I(I\cdot 2))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0) $-(3,2,1)(4,2,1)(5,2,0)(4,0,0)$	$\psi(M^2 + \psi_M(M^2) + \psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I \cdot 2 + \psi_{\Omega_{\psi_I(I \cdot 2)+1}}(1))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)(4,0,0)	$\psi(M^2 + \psi_M(M^2) + \psi_{\psi_{M(M^2)}(M^2 + \psi_M(M^2) + 1)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I \cdot 2 + \psi_{\Omega_{\psi_I(I \cdot 2)+1}}(I))$
-(3,2,1)(4,2,1)(5,2,0)(4,1,0)-	$\psi(M^2 + \psi_M(M^2) +$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_{M}(M^2)}(M^2+\psi_{M}(M^2)+1)(M^2))$

BMS	反射 OCF (Buchholz-like)
	$\psi(I \cdot 2 + \psi_{\Omega_{\psi_I(I \cdot 2)+1}}(I + \Omega_{\psi_I(I)+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_M(M^2) +$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)	$\psi_{\psi_{\psi_M(M^2)}(M^2+\psi_M(M^2)+1)}(M^2+$
	$\psi_{\psi_M(M^2)}(M^2+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I \cdot 2 + \psi_{\Omega_{\psi_I(I \cdot 2)+1}}(I \cdot 2))$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)-	$\psi(M^2 + \psi_M(M^2) +$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi_{\psi_{M}(M^{2})(M^{2}+\psi_{M}(M^{2})+1)}(M^{2}+\psi_{M}(M^{2})))$
	$\psi(I \cdot 2 + \psi_{\Omega_{\psi_I}(I,2)+1}(I \cdot 2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_M(M^2) +$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)(4,0,0)	$\psi_{\psi_{M}(M^{2})}(M^{2}+\psi_{M}(M^{2})+1)(M^{2}+\psi_{M}(M^{2})+1))$
	$\psi_{\psi_{M}(M^{2})}(M^{2}+\psi_{M}(M^{2})+1)(M^{2}+\psi_{M}(M^{2})+1))$ $\psi(I\cdot 2+\Omega_{\psi_{I}(I\cdot 2)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_M(M^2) +$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + 1))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(2,1,0)	$\psi_{\Psi_M(M^2)}(M^2 + \psi_M(M^2) + 1))$ $\psi(I \cdot 2 + \Omega_{\psi_I(I \cdot 2) + 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,1)(4,2,1)(5,2,0) -	$\psi(M^2 + \psi_M(M^2) + \psi_M(M^2))$
-(4,2,0)(5,3,0)(6,4,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + 2))$
(-,-,-)(-,-,-)(-,-,-)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + 2))$ $\psi(I \cdot 2 + \Omega_{\psi_I(I \cdot 2) + \omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I^2 + \vartheta \iota \psi_I(I \cdot 2) + \omega) $ $\psi(M^2 + \psi_M(M^2) + \omega)$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,1)	, , , , , , , , , , , , , , , , , , , ,
(0.0.0)/1.1.1)/0.1.1)/0.1.0)/0.1.0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + \omega))$ $\psi(I \cdot 2 + \Omega_{\psi_I(I \cdot 2) + \omega^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,1)(4,2,1)(5,2,0) -	$\psi(1\cdot 2+3\iota_{\psi_I}(1\cdot 2)+\omega^2) \ \psi(M^2+\psi_M(M^2)+$
$-(3,2,1)(4,2,1)(5,2,0)^{2}$ -(4,2,0)(5,3,1)(6,3,1)	
	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + \psi(2)))$ $\psi(I \cdot 2 + \Omega_{\Omega_{\psi_I(I,2)+1}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	
-(3,2,1)(4,2,1)(5,2,0)(4,2,0) - (5,3,1)(6,3,1)(7,3,0)	$\psi(M^2 + \psi_M(M^2) + \psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + \psi_M(M^2)) + \psi_M(M^2) + \psi_M$
(0,0,1)(0,0,1)(1,0,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(I \cdot 2 + \Omega_{\Omega_{\Omega_{\psi_I(I \cdot 2)+1}}})$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	$\psi(M^2 + \psi_M(M^2) +$
-(6,3,1)(7,3,0)(5,3,1)(6,3,1)(7,3,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + \psi_{\psi_M(M^2)}(M^2 +$
(0.0.0)(1.1.1)(2.1.1)(2.1.0)(2.1.0)	$\psi_M(M^2) + \psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + 1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(I\cdot 3)$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0) - (5,3,1)(6,3,1)(7,3,0)(6,0,0)	$\psi(M^2 + \psi_M(M^2) \cdot 2)$
$ \frac{-(3,3,1)(0,3,1)(7,3,0)(0,0,0)}{(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-} $	
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	$\psi(I\cdot 4)$
-(6,3,1)(7,3,0)(6,3,0)(7,4,1)-	$\psi(M^2 + \psi_M(M^2) \cdot 3)$
-(8,4,1)(9,4,0)(8,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(I \cdot \omega)$
	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I \cdot \omega + \psi_I(I))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) + \psi_{\psi_M(M^2)}(M^2))$
	$\psi(I \cdot \omega + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,0)	$\psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2+\psi_{\psi_M(M^2)}(M^2+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I \cdot \omega + \psi_{\Omega_{\psi_I(I)+1}}(I \cdot 2))$
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	7 7 7
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi_{\psi_{M(M^2)}(M^2+1)}(M^2+\psi_M(M^2)))$
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)	$\psi(I \cdot \omega + \psi_{\Omega_{\psi_I(I)+1}}(I \cdot 3))$
-(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(6,3,1)(7,3,0)(6,0,0)	$\psi_{\psi_{M}(M^2)}(M^2+1)(M^2+\psi_M(M^2)\cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(I \cdot \omega + \psi_{\Omega_{\psi_I(I)+1}}(I \cdot \omega))$
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)	$\psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2+\psi_{\psi_M(M^2+M)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	7.10()
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I \cdot \omega + \Omega_{\psi_I(I)+1}) \tag{15}$
-(4,2,1)(5,2,0)(4,2,1)(3,2,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) + \psi_{\psi_M(M^2)}(M^2+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I\cdot\omega+\psi_I(I\cdot2))$
-(4,2,1)(5,2,0)(4,2,1)(3,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) + \psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2)))$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I \cdot \omega + \psi_{\Omega_{\psi_I(I \cdot 2)+1}}(I \cdot 2 + \Omega_{\psi_I(I \cdot 2)+1}))$
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2 + M)}(1) +$
-(4,2,1)(5,2,0)(4,2,1)(3,2,1)(4,2,1)	$\psi_{\psi_{M(M^2)}(M^2+\psi_M(M^2)+1)}(M^2+\psi_M(M^2))$
-(5,2,0)(4,2,0)(5,3,0)	$+\psi_{\psi_M(M^2)}(M^2+\psi_M(M^2)+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)	$\psi(I \cdot \omega + \psi_{\Omega_{\psi_I(I \cdot 2)+1}}(I \cdot 3))$
-(4,2,1)(5,2,0)(4,2,1)(3,2,1)(4,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2 + M)}(1) +$
-(5,2,0)(4,2,0)(5,3,1)-	$\psi_{\psi_{M(M^2)}(M^2 + \psi_M(M^2) + 1)}(M^2 + \psi_M(M^2) \cdot 2))$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)	$\psi(I \cdot \omega + \psi_{\Omega_{\psi, (I/2)+1}}(I \cdot \omega))$
-(4,2,1)(5,2,0)(4,2,1)(3,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	$\psi_{\psi_{h,r}(M^2)}(M^2 + \psi_M(M^2) + 1)(M^2 + \psi_{\psi_M(M^2+M)}(1)))$
-(6,3,1)(7,3,0)(6,3,1)	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I \cdot \omega + \Omega_{\psi_I(I \cdot 2) + 1})$
-(4,2,1)(5,2,0)(4,2,1)(3,2,1)(4,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(5,2,0)(4,2,0)(5,3,1)(6,3,1)-	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + 1))$
-(7,3,0)(6,3,1)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I\cdot\omega+\psi_I(I\cdot3))$
-(4,2,1)(5,2,0)(4,2,1)(3,2,1)(4,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(5,2,0)(4,2,0)(5,3,1)(6,3,1)(7,3,0)-	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) \cdot 2))$
-(6,3,1)(5,3,1)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	
-(4,2,1)(5,2,0)(4,2,1)(3,2,1)(4,2,1)-	$\psi(I\cdot\omega+\psi_I(I\cdot4))$
-(5,2,0)(4,2,0)(5,3,1)(6,3,1)(7,3,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(6,3,1)(5,3,1)(6,3,1)(7,3,0)(6,3,0)-	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) \cdot 3))$
-(7,4,1)(8,4,1)(9,4,0)(8,4,1)(7,4,1)-	
-(8,4,1)(9,4,0)(8,0,0)	
(0.0.0)(1.1.1)(2.1.1)(2.1.0)(2.1.1)	$\psi(I\cdot\omega+\psi_I(I\cdot\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\omega+\psi_I(I\cdot\omega)\cdot 2)$
-(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1)) \cdot 2)$
	$\psi(I \cdot \omega + \psi_I(I \cdot \omega) \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(2,1,1)(2,0,0)	
	$\psi_{\psi_{M}(M^{2})}(M^{2}+\psi_{\psi_{M}(M^{2}+M)}(1)+1)(1))$
	$\psi(I \cdot \omega + \psi_{\Omega_{\psi_I(I \cdot \omega) + 1}}(I \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi_{\psi_{M}(M^2)}(M^2 + \psi_{\psi_{M}(M^2 + M)}(1) + 1)$
	$(M^2 + \psi_{\psi_M(M^2+M)}(1)))$
	$\psi(I \cdot \omega + \Omega_{\psi_I(I \cdot \omega) + 1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(2,1,1)(2,1,0)(3,2,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1) + 1))$
	$\frac{\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1) + 1))}{\psi(I \cdot \omega + \Omega_{\psi_I(I \cdot \omega) + \omega})}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	71(-11)(11)
-(2,1,1)(2,1,0)(3,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1) + \omega))$

BMS	反射 OCF (Buchholz-like)
	$\psi(I \cdot \omega + \Omega_{\Omega_{\psi_I(I \cdot \omega) + 1}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1) +$
	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1) + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\omega+I)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) + \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\omega+I)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) + \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I \cdot \omega + I + \Omega_{\psi_I(I \cdot \omega + I) + 1})$
-(2,1,1)(2,1,0)(3,2,1)(4,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) + \psi_M(M^2) +$
-(5,2,0)(4,2,0)(5,3,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1) + \psi_M(M^2) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	
-(2,1,1)(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(I \cdot \omega + I \cdot 2)$
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) + \psi_M(M^2) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I\cdot\omega\cdot 2)$
-(2,1,1)(2,1,0)(3,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) \cdot 2)$
-(4,2,1)(5,2,0)(4,2,1)	$\psi(M + \psi_{\psi_M(M^2+M)}(1) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\omega\cdot3)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(1) \cdot 3)$
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,3,1)	
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I\cdot\omega^2)$
-(3,1,0)(2,1,1)(2,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I\cdot\omega^3)$
-(2,1,1)(2,1,1)(2,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(3))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I\cdot\Omega)$
-(3,1,0)(2,1,1)(3,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\psi_I(I))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I \cdot \psi_I(I) + \Omega_{\psi_I(I)+1})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2)) +$
-(3,2,1)(4,2,1)(5,2,0)-	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
-(4,2,1)(5,1,0)(3,2,0)	$\psi_{\psi_M(M^2)}(M^2+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\psi_I(I)+\psi_I(I\cdot 2))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2)) +$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2)))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi_{\psi_M(M^2)}(W + \psi_M(W)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)-$ $-(3,2,1)(4,2,1)(5,2,0)(4,2,1)$	$\psi(I \cdot \psi_I(I) + \psi_I(I \cdot \omega))$ $\psi(M^2 + \psi_{\psi_M(M^2 + M)}(M \cdot \psi_{\psi_M(M^2)}(M^2)) +$ $\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2 + M)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)-$ $-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)-$ $-(1,1,1)(2,1,1)(3,1,0)(2,0,0)$	$\psi(I \cdot \psi_{I}(I) + \psi_{I}(I \cdot \psi_{I}(I)))$ $\psi(M^{2} + \psi_{\psi_{M}(M^{2}+M)}(M \cdot \psi_{\psi_{M}(M^{2})}(M^{2})) +$ $\psi_{\psi_{M}(M^{2})}(M^{2} + \psi_{\psi_{M}(M^{2}+M)}(M \cdot \psi_{\psi_{M}(M^{2})}(M^{2}))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,0)(4,2,1)-$ $-(5,1,0)(4,2,0)(5,3,0)$	$\psi(I \cdot \psi_{I}(I) + \Omega_{\psi_{I}(I \cdot \psi_{I}(I))+1})$ $\psi(M^{2} + \psi_{\psi_{M}(M^{2}+M)}(M \cdot \psi_{\psi_{M}(M^{2})}(M^{2})) +$ $\psi_{\psi_{M}(M^{2})}(M^{2} +$ $\psi_{\psi_{M}(M^{2}+M)}(M \cdot \psi_{\psi_{M}(M^{2})}(M^{2})) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)-$ $-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,0,0)$	$\psi(I \cdot \psi_I(I) + I)$ $\psi(M^2 + \psi_{\psi_M(M^2 + M)}(M \cdot \psi_{\psi_M(M^2)}(M^2))$ $+ \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) - (3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - (3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0) - (4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,3,1)	$\psi(I \cdot \psi_I(I) + I \cdot \omega)$ $\psi(M^2 + \psi_{\psi_M(M^2 + M)}(M \cdot \psi_{\psi_M(M^2)}(M^2))$ $+ \psi_{\psi_M(M^2 + M)}(1))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) - \\ -(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - \\ -(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0) - \\ -(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,3,1) - \\ -(7,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(I \cdot \psi_I(I) \cdot 2)$ $\psi(M^2 + \psi_{\psi_M(M^2 + M)}(M \cdot \psi_{\psi_M(M^2)}(M^2)) \cdot 2)$
(7,2,3)(-7,2,2)(-7,2,3)(-7,2,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7,3)(-7	$\psi(I \cdot \psi_I(I) \cdot 2 + I)$ $\psi(M^2 + \psi_{\psi_M(M^2 + M)}(M \cdot M)$ $\psi_{\psi_M(M^2)}(M^2)) \cdot 2 + \psi_M(M^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)-$ $-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,3,1)-$ $-(7,1,0)(6,3,0)(7,4,1)(8,4,1)-$ $-(9,4,0)(8,4,1)(9,0,0)$	$\psi(I \cdot \psi_I(I) \cdot 3)$ $\psi(M^2 + \psi_{\psi_M(M^2 + M)}(M \cdot \psi_{\psi_M(M^2)}(M^2)) \cdot 3)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I\cdot\psi_I(I)\cdot\omega)$
-(3,2,1)(4,2,1)(5,2,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2) + 1))$
-(4,2,1)(5,1,0)(4,2,1)	$\psi(M + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I\cdot\psi_I(I)\cdot\Omega)$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2))$
-(5,1,0)(4,2,1)(5,1,0)	$+\psi_{\psi_M(M^2)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	//T / / /T : 1)
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I \cdot \psi_{\Omega_{\psi_I(I)+1}}(I+1))$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2))$
-(4,2,1)(5,1,0)(4,2,1)	$+\psi_{\psi_M(M^2)}(M^2)+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	// 0
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)	$\psi(I\cdot\Omega_{\psi_I(I)+1})$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,2,0)	$\psi(M^2 + \psi_{\psi_M(M^2 + M)}(M \cdot \psi_{\psi_M(M^2)}(M^2 + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\psi_I(I\cdot 2))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	, , , , , , , , , , , , , , , , , , , ,
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,2,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I \cdot \psi_I(I \cdot 2) + \Omega_{\psi_I(I \cdot 2)+1})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,2,0)-	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2))) +$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	7 1 202 () () 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
-(6,3,1)(7,3,0)(6,3,1)(7,2,0)(6,3,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	(7.0)
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(I\cdot\Omega_{\psi_I(I\cdot 2)+1})$
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,2,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) + 1)))$
-(6,3,1)(7,3,0)(6,3,1)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)-	2/1/ 1 · O · · · · · · · · · · · · · · · · ·
-(3,2,1)(4,2,1)(5,2,0)(4,2,1)(5,2,0)	$\psi(I\cdot\Omega_{\psi_I(I\cdot3)+1})$
-(3,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot$
-(6,3,1)(7,3,0)(6,3,1)(7,3,0)(5,3,1)	$\psi_{\psi_M(M^2)}(M^2 + \psi_M(M^2) \cdot 2 + 1)))$
-(6,3,1)(7,3,0)(6,3,0)(7,4,1)(8,4,1)	
-(9,4,0)(8,4,1)(9,3,0)(8,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I \cdot \psi_I(I \cdot \omega))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot$
	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1))))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1-	$\psi(I\cdot\psi_I(I\cdot\omega^2))$
-)(3,1,0)(1,1,1)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot$
-(3,1,0)(2,1,1)(2,1,1)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\psi_I(I\cdot\Omega))$
-(3,1,0)(1,1,1)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2 +$
-(3,1,0)(2,1,1)(3,1,0)	$\psi_{\psi_M(M^2+M)}(M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\psi_I(I\cdot\psi_I(I)))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I\cdot\psi_I(I\cdot\psi_I(I\cdot\omega)))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2 +$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I \cdot \psi_I(I \cdot \psi_I(I \cdot \Omega)))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2 +$
-(3,1,0)(1,1,1)(2,1,1)-	$\psi_{\psi_M(M^2+M)}(M \cdot \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(M)))))$
-(3,1,0)(2,1,1)(3,1,0)	$\psi(I^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2 + M)}(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(M + \psi_{\psi_M(M^2+M)}(M))$ $\psi(I^2 + \psi_I(I))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + \psi_{\psi_M(M^2)}(M^2))$
(=,=,=,(=,=,=)(=,=,=)(=,=,=,(=,=,=)	$\psi(I^{I} + \psi_{\psi_{M}(M^{2}+M)}(I^{I} + I) + \psi_{\psi_{M}(M^{2})}(I^{I} + I))$ $\psi(I^{2} + \psi_{I}(I \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + \psi_{\psi_M(M^2)}$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$(M^2 + \psi_{\psi_M(M^2+M)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1-	$\psi(I^2 + \psi_I(I^2))$
-)(3,1,0)(1,1,1)(2,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + \psi_{\psi_M(M^2)}$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$(M^2 + \psi_{\psi_M(M^2+M)}(M^2)))$
	$\psi(I^2 + \psi_I(I^2) \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
-(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_{M}(M^{2})}(M^{2}+\psi_{\psi_{M}(M^{2}+M)}(M^{2})+1)(1))$
	$\psi(I^2 + \Omega_{\psi_I(I^2)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
-(2,1,1)(3,1,0)(2,1,0)(3,2,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^2+I)$
-(2,1,1)(3,1,0)(2,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + \psi_M(M^2))$
-(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M + \psi \psi_M(M^2 + M)(M + M + W + M))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2+I\cdot 2)$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + \psi_M(M^2) \cdot 2)$
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,0,0)	$\varphi (\cdots) + \varphi _{M}(M-+M)(\cdots) + \varphi _{M}(\cdots) = 0$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^2+I\cdot\omega)$
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + \psi_{\psi_M(M^2+M)}(1))$
-(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)- $(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)$	$\psi(I^2 + I \cdot \psi_I(I))$
$ \begin{array}{c c} -(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0) - \\ -(4,2,1)(5,1,0)(1,1,1) - \end{array} $	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
$-(4,2,1)(3,1,0)(1,1,1)^{2}$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi_{\psi_M(M^2+M)}(M\psi_{\psi_M(M^2)}(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2 + I \cdot \psi_I(I \cdot \omega))$
$\begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(0,1,0)(2,1,1) \\ -(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0) - \end{array}$	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
-(4,2,1)(5,1,0)(1,1,1)-	$\psi_{\psi_{M}(M^{2}+M)}(M\psi_{\psi_{M}(M^{2})}(M^{2})$
-(2,1,1)(3,1,0)(2,1,1)	$+\psi_{\psi_{M}(M^{2}+M)}(1))))$
(0.0.0)(1.1.1)(9.1.1)(9.1.0)(9.1.1)	$\psi(I^2 + I \cdot \psi_I(I^2))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) - \\ -(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0) - \end{array} $	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
-(4,2,1)(5,1,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi_{\psi_M(M^2+M)}(M\psi_{\psi_M(M^2)}(M^2))$
-(2,1,1)(3,1,0)(2,0,0)	
	$\frac{+\psi_{\psi_M(M^2+M)}(M^2))))}{\psi(I^2+I\cdot\psi_I(I^2))}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	7 - (
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
-(4,2,1)(5,1,0)(1,1,1)(2,1,1)(3,1,0)	$\psi_{\psi_M(M^2+M)}(M\psi_{\psi_M(M^2)}(M^2$
-(2,1,1)(3,1,0)(2,0,0)	$+\psi_{\psi_{M}(M^{2}+M)}(M^{2}))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2 + I \cdot \Omega_{\psi_I(I^2)+1})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
$\begin{array}{c c} (6,1,0)(2,1,0)(6,2,1)(4,2,1) \\ -(5,2,0)(4,2,1)(5,2,0) \end{array}$	$\psi_{\psi_M(M^2+M)}(M\psi_{\psi_M(M^2)}(M^2$
(*,=,*)(*,=,*)	$+\psi_{\psi_M(M^2+M)}(M^2)+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2 + I \cdot \psi_I(I^2 + I))$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
-(5,2,0)(4,2,1)(5,2,0)(3,2,1)-	$\psi_{\psi_M(M^2+M)}(M\psi_{\psi_M(M^2)}(M^2+$
-(4,2,1)(5,2,0)(4,0,0)	$\psi_{\psi_M(M^2+M)}(M^2) + \psi_M(M^2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2 + I \cdot \psi_I(I^2 + I \cdot \omega))$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
-(5,2,0)(4,2,1)(5,2,0)(3,2,1)-	$\psi_{\psi_M(M^2+M)}(M\psi_{\psi_M(M^2)}(M^2+$
$\begin{array}{c c} -(4,2,1)(5,2,0)(4,2,1) \\ \hline \end{array}$, (
(, ,)(-, ,-,(,-,-,-,	$\psi_{\psi_M(M^2+M)}(M^2) + \psi_{\psi_M(M^2+M)}(1))))$

BMS	反射 OCF (Buchholz-like)
	$\psi(I^2 + I \cdot \psi_I(I^2 + I \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) +$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi_{\psi_M(M^2+M)}(M\psi_{\psi_M(M^2)}(M^2+\psi_{\psi_M(M^2+M)}(M^2)+$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)-	$\psi_{\psi_{M}(M^{2}+M)}(M\psi_{\psi_{M}(M^{2})}(M^{2}+$
-(5,2,0)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi_{\psi_M(M^2+M)}(M^2)+1)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I^2 \cdot 2)$
-(5,2,0)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(I^2\cdot 3)$
-(4,2,1)(5,2,0)(4,2,0)(5,3,1)(6,3,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2) \cdot 3)$
-(7,3,0)(6,3,1)(7,3,0)(6,0,0)	$\varphi \left(\sum_{i=1}^{N} \varphi \psi_{M}(M-+M) \left(\sum_{i=1}^{N} \varphi \right) \right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^2\cdot\omega)$
-(2,1,1)(3,1,0)(2,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\frac{\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2+1))}{\psi(I^2 \cdot \Omega)}$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2 \cdot \psi_I(I))$
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)-	, (, , , , , , , , , , , , , , , , , ,
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2)}(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2\cdot \psi_I(I\cdot \omega))$
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(2,1,1)(3,1,0)(2,1,1)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2\cdot\psi_I(I^2))$
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2 \cdot \psi_I(I^2 \cdot \omega))$
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2+1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2 \cdot \psi_I(I^2 \cdot \Omega))$
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)(3,1,0)	$\psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2)}(1)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^2 \cdot \psi_I(I^2 \cdot \psi_I(I^2 \cdot \Omega)))$
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2)}(M^2 +$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^$
-(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi_{\psi_M(M^2+M)}(M^2+\psi_{\psi_M(M^2)}(M^2+\psi_{\psi_M(M^2)}(1))))))$
-(3,1,0)(2,1,1)(3,1,0)	. , 212 (
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^3)$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_M(M^2)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^3 \cdot \omega)$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_M(M^2) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(I^4)$
-(3,1,0)(2,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_M(M^2) \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,0,0)	$\psi(I^\omega)$
(0,0,0)(1,1,1)(2,1,1)(0,1,0)(0,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1)))$ $\psi(I^{\omega+1})$
(0,0,0)/1,1,1)/0,1,1)/9,1,0)	$\psi(I^{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,0,0)(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(1) + \psi_M(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi_{\psi_M(M^2+M)}(1) + \psi_M(M^2)))$ $\psi(I^{\omega \cdot 2})$
-(3,0,0)(2,1,1)(3,1,0)(3,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1) \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1) \cdot 2))$ $\psi(I^{\omega^2})$
-(3,0,0)(3,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0)	$\psi(I^\Omega)$
	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M)))$
	$\psi(M^{2} + \psi_{\psi_{M}(M^{2}+M)}(M^{2} + \psi_{\psi_{M}(M^{2}+M)}(M)))$ $\psi(I^{\psi_{I}(I)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_{\mathcal{M}}(M^2+M)}(M\psi_{\psi_{\mathcal{M}}(M)}(M^2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi_{\psi_M(M^2+M)}(M\psi_{\psi_M(M)}(M^2)))) \\ \psi(I^{\psi_I(I^2)})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(2,1,1)(3,1,0)(2,0,0)	,
	$\psi_{\psi_{M}(M^{2}+M)}(M\psi_{\psi_{M}(M)}(M^{2}+\psi_{\psi_{M}(M^{2}+M)}(M^{2})))))$ $\psi(I^{\psi_{I}(I^{\omega})})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(1,1,1)(2,1,1)(3,1,0)(3,0,0)	$\psi_{\psi_M(M^2+M)}(M\psi_{\psi_M(M)}(M^2+$
(+,+,+)(=,+,+)(0,+,0)(0,0,0)	7 7 1/2 (-1-) (
	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1)))))) \qquad \psi(I^{\psi_I(I^{\Omega})})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(1,1,1)(2,1,1)(3,1,0)(3,1,0)	$\psi_{\psi_{M}(M^{2}+M)}(M\psi_{\psi_{M}(M)}(M^{2}+$
(
(0,0,0)(1,1,1)(2,1,1)-	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M)))))$ $\psi(I^I)$
-(3,1,0)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M^{2} + \psi_{\psi_{M}(M^{2}+M)}(M^{2} + \psi_{\psi_{M}(M^{2}+M)}(M^{2})))$ $\psi(I^{I} \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1) -(3,1,0)(3,1,0)(2,1,1)	
-(0,1,0)(0,1,0)(2,1,1)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + 1))$

BMS	反射 OCF (Buchholz-like)
	$\psi(I^{I+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - (3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
	$\psi_{\psi_M(M^2+M)}(M^2) + \psi_M(M^2)))$
	$\frac{\psi_{\psi_M(M^2+M)}(M^2) + \psi_M(M^2)))}{\psi(I^{I\cdot 2})}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(2,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(M^2)\cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\frac{\psi_{\psi_M(M^2+M)}(M^2)\cdot 2))}{\psi(I^{I\cdot 3})}$
-(3,1,0)(2,1,1)(3,1,0)(3,1,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(2,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(M^2)\cdot 3))$
	$rac{\psi_{\psi_M(M^2+M)}(M^2)\cdot 3))}{\psi(I^{I\cdot\omega})}$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(3,1,0)(3,0,0)	$\psi_{\psi_{0},(M^{2}+M)}(M^{2}+1)))$
	$\frac{\psi_{\psi_M(M^2+M)}(M^2+1)))}{\psi(I^{I\cdot\Omega})}$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(3,1,0)(3,1,0)	, , , , , , , , , , , , , , , , , , , ,
	$\frac{\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2)}(1))))}{\psi(I^{I^2})}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(M^2+\psi_M(M^2))))$
	$\psi(I^{I^2} \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(3,1,0)(2,1,1)	7 7 77 ()) (
	$\frac{\psi_{\psi_M(M^2+M)}(M^2 + \psi_M(M^2)) + 1))}{\psi(I^{I^2 \cdot \omega})}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(3,1,0)(3,0,0)	722
	$\frac{\psi_{\psi_M(M^2+M)}(M^2+\psi_M(M^2)+1)))}{\psi(I^{I^3})}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(3,1,0)(3,1,0)(2,0,0)	
	$\frac{\psi_{\psi_M(M^2+M)}(M^2 + \psi_M(M^2) \cdot 2)))}{\psi(I^{I^4})}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0) -	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
-(3,1,0)(3,1,0)(3,1,0)(2,0,0)	
	$\frac{\psi_{\psi_M(M^2+M)}(M^2+\psi_M(M^2)\cdot 3)))}{\psi(I^{I^{\omega}})}$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
	7.22
	$\frac{\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1))))}{\psi(I^{I^{\Omega}})}$
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,1,0) \right $	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M))))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)- $-(3,1,0)(4,1,0)(2,0,0)$	$\psi(I^{I^I})$
	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2))))$
(0.0.0)(1.1.1)(0.1.1)	$\psi(I^{I^I}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1) - $(3,1,0)(4,1,0)(2,1,1)$	$\psi(M^2 + \psi_{\psi_M(M^2 + M)}(M^2 +$
-(0,1,0)(4,1,0)(2,1,1)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2)) + 1))$ $\psi(I^{I \cdot \omega})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I^{I^1 \cdot \omega})$
$(0,0,0)(1,1,1)(2,1,1)^{2}$ -(3,1,0)(4,1,0)(3,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
(3,1,0)(1,1,0)(3,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + 1)))$ $\psi(I^{I^{I+1}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^{I^{I+1}})$
-(4,1,0)(3,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
(2,2,0)(0,2,0)(-,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2) + \psi_M(M^2))))$ $\psi(I^{I^{I+\omega}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^{I^{I+\omega}})$
-(4,1,0)(3,1,0)(4,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
()	$\psi_{\psi_M(M^2+M)}(M^2) + \psi_{\psi_M(M^2+M)}(1))))$ $\psi(I^{I^{I\cdot 2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	/ ()
-(4,1,0)(3,1,0)(4,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
(, , , (, , , , , , , , , , , , , , ,	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2) \cdot 2))) \\ \psi(I^{I^{I \cdot \omega}})$
(0,0,0)(1,1,1)(2,1,1)-	r ()
-(3,1,0)(4,1,0)(4,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
(0,2,0)(2,2,0)(2,0)0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2+1))))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I^{I^{I^2}})$
-(3,1,0)(4,1,0)(4,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_M(M^2)))))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I^{I^{I^{\omega}}})$
-(3,1,0)(4,1,0)(5,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1))))) \\ \psi(I^{I^I})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I^{I^{I^*}})$
-(4,1,0)(5,1,0)(2,0,0)	$\psi(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
(, , , , , , , , , , , , , , , , , , ,	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{I+1})$
(-,-,-,(-,-,-,(- ,+,+,(~,+,~)(- ,+,~)(- ,+,~)($\psi(M^2+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{I+1})$
	$\psi(M^2+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_I(I))$
-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2)}(M^2))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_I(I^2))$
-(4,2,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + M + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2)))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1} + \psi_I(I^3))$
-(1,1,1)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^2 + M + \psi_{\psi_M(M^2)}(M^2 +$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(M^2+\psi_M(M^2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1} + \psi_I(I^\omega))$
-(1,1,1)(2,1,1)(3,1,0)(3,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2 +$
(1,1,2)(2,1,1)(0,1,0)(0,0,0)	$\psi_{\psi_M(M^2+M)}(1))))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)(4,2,0)	$\psi(\Omega_{I+1} + \psi_I(I^I))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0) \\ -(1,1,1)(2,1,1)(3,1,0)(3,1,0)(2,0,0) \end{array} $	$\psi(M^2 + M + \psi_{\psi_M(M^2)}(M^2 +$
-(1,1,1)(2,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1} + \psi_I(\Omega_{I+1}))$
-(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2)}(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{\psi_I(\Omega_{I+1})+1}}(1))$
-(3,1,0)(4,2,0)(2,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2)(M^2 + M + 1)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{\psi_I(\Omega_{I+1})+1}}(\Omega_{I+1}))$
-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(M^2 + M + \psi_{\psi_{_{W_M(M^2)}}(M^2 + M + 1)}(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \Omega_{\psi_I(\Omega_{I+1})+1})$
-(4,2,0)(2,1,0)(3,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2)}(M^2 + M + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \Omega_{\psi_I(\Omega_{I+1})+2})$
-(4,2,0)(2,1,0)(3,2,0)(4,3,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2)}(M^2 + M + 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \Omega_{\psi_I(\Omega_{I+1}) + \omega})$
-(4,2,0)(2,1,0)(3,2,1)	$\psi(M^2 + M + \psi_{\psi_M(M^2)}(M^2 + M + \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1}+I)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^2 + M + \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1}+I\cdot 2)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,0)-	$\psi(M^2 + M + \psi_M(M^2) \cdot 2)$
-(5,3,1)(6,3,1)(7,3,0)(6,0,0)	() 112 ())
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{I+1} + I \cdot \omega)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{I+1}+I^2)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2))$
$ \begin{array}{c c} -(4,2,1)(5,2,0)(4,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0) - \end{array} $	
$(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)^{-1}$ $-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)^{-1}$	$\psi(\Omega_{I+1}+I^3)$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + \psi_M(M^2)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1}+I^{\omega})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(5,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + \psi_{\psi_M(M^2 + M)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1}+I^I)$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + \psi_{\psi_M(M^2 + M)}(M^2)))$
-(5,2,0)(5,2,0)(4,0,0)	$\psi(M + M + \psi_{M}(M^{2}+M)(M + \psi_{M}(M^{2}+M)(M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1}))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1}) + I)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M) + \psi_M(M^2))$
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,0,0)	$\psi(M + M + \psi_{M}(M^{2}+M)(M + M) + \psi_{M}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1}) \cdot 2)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2+M)}(M^2 + M) \cdot 2)$
-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(8,4,0)	. , . , . ,
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + 1))$
-(3,1,0)(4,2,0)(2,1,1)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + 1) + \psi_{\Omega_{I+1}}(\Omega_{I+1}))$
-(4,2,0)(2,1,1)(2,1,0)(3,2,1)-	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M + 1) +$
-(4,2,1)(5,2,0)(6,3,0)	$\psi_{\psi_M(M^2+M)}(M^2+M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + 1) \cdot 2)$
-(4,2,0)(2,1,1)(2,1,0)(3,2,1)-	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M + 1) \cdot 2)$
-(4,2,1)(5,2,0)(6,3,0)(4,2,1)	$\psi(M + M + \psi_{\psi_M(M^2+M)}(M + M + 1) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + 2))$
-(4,2,0)(2,1,1)(2,1,1)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M + 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + 3))$
-(4,2,0)(2,1,1)(2,1,1)(2,1,1)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M + 3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \omega))$
-(4,2,0)(2,1,1)(3,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2+M)}(M^2 + M + \omega))$
/	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)})$
-(4,2,0)(2,1,1)(3,1,0)	$(M^2 + M + \psi_{\psi_M(M^2)}(1)))$
	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + I))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + M + \psi_{\psi_M(M^2+M)})$
-(4,2,0)(2,1,1)(3,1,0)(2,0,0)	$(M^2 + M + \psi_M(M^2)))$
	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + I + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(^{(32I+1)} + \psi_{M_{I+1}}(^{(32I+1)} + ^{(1)}I))$ $\psi(M^2 + M + \psi_{\psi_M(M^2+M)})$
-(4,2,0)(2,1,1)(3,1,0)(2,1,1)	,
	$(M^2 + M + \psi_M(M^2) + 1))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - (4,2,0)(2,1,1)(3,1,0)(2,1,1)	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + I + 1))$
	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)})$
	$(M^2 + M + \psi_M(M^2) + 1))$
($\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + I \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0) - (2,1,1)(2,1,0)(2,1,1)(2,1,0)(2,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 +$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$M + \psi_M(M^2) \cdot 2))$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 +$
-(4,2,0)(2,1,1)(3,1,0)(3,0,0)	$M + \psi_{\psi_M(M^2+M)}(1)))$
	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 +$
-(2,1,1)(3,1,0)(3,0,0)(3,0,0)	$M + \psi_{\psi_M(M^2+M)}(2)))$
	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(I)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0) - (2,1,1)(2,1,0)(2,1,0)(2,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 +$
-(2,1,1)(3,1,0)(3,1,0)(2,0,0)	$M + \psi_{\psi_M(M^2+M)}(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(I) \cdot 2))$
-(2,1,1)(3,1,0)(3,1,0)(2,1,1)-	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 +$
-(3,1,0)(3,1,0)(2,0,0)	$M + \psi_{\psi_M(M^2+M)}(M^2) \cdot 2))$
(0.0.0)/1.1.1/(0.1.1)/(0.1.0)	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(I \cdot \omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $(4,2,0)(2,1,1)(2,1,0)(4,0,0)$	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
-(4,2,0)(2,1,1)(3,1,0)(4,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(I \cdot \omega) \cdot 2))$
-(4,2,0)(2,1,1)(3,1,0)(4,0,0)-	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
-(2,1,1)(3,1,0)(4,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1)) \cdot 2))$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)(1.0.0)	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(I \cdot \omega + 1)))$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0) - \\ -(2,1,1)(3,1,0)(4,0,0)(3,0,0) \end{vmatrix} $	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
-(2,1,1)(3,1,0)(4,0,0)(3,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1) + 1)))$
(0.0.0)(1.1.1)(0.1.1)(0.1.0)(4.0.0)	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(I \cdot \omega + I)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0) - \\ (2,1,1)(2,1,0)(4,0,0)(2,1,0)(2,0,0) \end{array} $	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
-(2,1,1)(3,1,0)(4,0,0)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1) + \psi_M(M^2))))$
(0.0.0)/1.11/2.11/2.10//.2.0	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(I \cdot \omega \cdot 2)))$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0) - \\ -(2,1,1)(3,1,0)(4,0,0)(3,1,0)(4,0,0) \end{vmatrix} $	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
-(2,1,1)(3,1,0)(4,0,0)(3,1,0)(4,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(1) \cdot 2)))$
(0.0.0)(1.1.1)(2.1.1)(2.1.0)	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\psi_{\Omega_{I+1}}(2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $(4,2,0)(2,1,1)(3,1,0)(4,0,0)(4,0,0)$	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
-(4,2,0)(2,1,1)(3,1,0)(4,0,0)(4,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(2))))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(4,2,0)(2,1,1)(3,1,0)(4,1,0)(2,0,0)$	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\psi_{\Omega_{I+1}}(I))))$
	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1})))$
-(2,1,1)(3,1,0)(4,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2+M)}(M^2 +$
(2,1,1)(0,1,0)(1,2,0)	$M + \psi_{\psi_M(M^2+M)}(M^2+M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1}) \cdot 2))$
-(4,2,0)(2,1,1)(3,1,0)(4,2,0)-	$\psi(M^2 + M + \psi_{\psi_M(M^2+M)}(M^2 +$
-(2,1,1)(3,1,0)(4,2,0)	$M + \psi_{\psi_M(M^2+M)}(M^2+M) \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + 1)))$
-(3,1,0)(4,2,0)(3,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2+M)}(M^2 +$
(0,1,0)(1,2,0)(0,0,0)	$M + \psi_{\psi_M(M^2+M)}(M^2 + M + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + I)))$
-(4,2,0)(3,1,0)(2,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2+M)}(M^2 + M +$
(1,2,0)(0,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2))))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + I + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - $(4,2,0)(3,1,0)(3,0,0)$	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
(4,2,0)(0,1,0)(0,0,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2)+1)))$
(0,0,0)(1,1,1)(2,1,1)(2,1,0)	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + I \cdot 2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - $(4,2,0)(3,1,0)(3,1,0)(2,0,0)$	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
(1,2,0)(0,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2)\cdot 2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + I \cdot 2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) -(4,2,0)(3,1,0)(4,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
(1,2,0)(0,1,0)(1,0,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2)\cdot 2)))$
(0,0,0)/1,1,1)/2,1,1)/2,1,0)	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + I^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0) - (4,2,0)(3,1,0)(4,1,0)(2,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
(4,2,0)(0,1,0)(4,1,0)(2,0,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_{\psi_M(M^2+M)}(M^2))))$
	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi_{\Omega_{I+1}}(\Omega_{I+1}))))$
-(4,2,0)(3,1,0)(4,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_{\psi_M(M^2+M)}(M^2+M))))$
	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} +$
(0,0,0)(1,1,1)(2,1,1)-	$\psi_{\Omega_{I+1}}(\Omega_{I+1}+1))))$
-(3,1,0)(4,2,0)(4,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2+M)}(M^2 + M +$
	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_{\psi_M(M^2+M)}(M^2+M+1))))$

BMS	反射 OCF (Buchholz-like)
	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}))$
(2.2.2)(1.1.1)(2.1.1)	$\psi_{\Omega_{I+1}}(\Omega_{I+1}+I))))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
-(3,1,0)(4,2,0)(4,1,0)	$\psi_{\psi_M(M^2+M)}(M^2+$
	$M + \psi_{\psi_M(M^2+M)}(M^2 + M + \psi_M(M^2)))))$
	$\psi(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}))$
(0.0.0)(1.1.1)(0.1.1)	$\psi_{\Omega_{I+1}}(\Omega_{I+1} + \psi_{\Omega_{I+1}}(\Omega_{I+1})))))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M)}(M^2 + M +$
-(3,1,0)(4,2,0)(4,1,0)(5,2,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_{\psi_M(M^2+M)}(M^2+M+$
	$\psi_{\psi_M(M^2+M)}(M^2+M)))))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+1}\cdot 2)$
-(3,1,0)(4,2,0)(4,2,0)	$\psi(M^2 + M + \psi_M(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1}\cdot 2+I)$
-(4,2,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(M^2 + M + \psi_M(M^2 + M) + \psi_M(M^2))$
-(4,2,1)(5,2,0)(4,0,0)	$\psi(M + M + \psi_M(M + M) + \psi_M(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)	$\psi(\Omega_{I+1}\cdot 2+I)$
-(4,2,0)(4,2,0)(2,1,0)(3,2,1)- $-(4,2,1)(5,2,0)(4,0,0)$	$\psi(M^2 + M + \psi_M(M^2 + M) + \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} \cdot 2 + \psi_{\Omega_{I+1}}(\Omega_{I+1}))$
-(4,2,0)(4,2,0)(2,1,0)(3,2,1)	$\psi(M^2 + M + \psi_M(M^2 + M) +$
-(4,2,1)(5,2,0)(6,3,0)	$\psi_{\psi_M(M^2+M)}(M^2+M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1} \cdot 2 + \psi_{\Omega_{I+1}}(\Omega_{I+1} \cdot 2))$
-(4,2,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(M^2 + M + \psi_M(M^2 + M) +$
-(4,2,1)(5,2,0)(6,3,0)(6,3,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2+M)))$
(0.0.0)/1.1.1)/0.1.1)/0.1.0)	$\psi(\Omega_{I+1}\cdot 2 + \psi_{\Omega_{I+1}}(\Omega_{I+1}\cdot 2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)- $-(4,2,0)(4,2,0)(2,1,1)$	$\psi(M^2 + M + \psi_M(M^2 + M) +$
-(4,2,0)(4,2,0)(2,1,1)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2+M)+1))$
	$\psi(\Omega_{I+1} \cdot 2 + \psi_{\Omega_{I+1}}(\Omega_{I+1} \cdot 2 + \psi_{\Omega_{I+1}}(\Omega_{I+1} \cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + M + \psi_M(M^2 + M) +$
-(4,2,0)(4,2,0)(3,0,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2+M)+$
	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2+M)+1)))$

BMS	反射 OCF (Buchholz-like)
	$\psi(\Omega_{I+1} \cdot 2 + \psi_{\Omega_{I+1}}(\Omega_{I+1} \cdot 2 +$
	$\psi_{\Omega_{I+1}}(\Omega_{I+1} \cdot 2 + \psi_{\Omega_{I+1}}(\Omega_{I+1} \cdot 2 + 1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 + M + \psi_M(M^2 + M) +$
-(4,2,0)(4,2,0)(4,0,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2+M)+$
	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2+M)+$
	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_M(M^2+M)+1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1}\cdot 3)$
-(4,2,0)(4,2,0)(4,2,0)	$\psi(M^2 + M + \psi_M(M^2 + M) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+1}\cdot\omega)$
-(3,1,0)(4,2,0)(5,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1}\cdot I)$
-(4,2,0)(5,1,0)(2,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)}(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1}\cdot\psi_{\Omega_{I+1}}(\Omega_{I+1}))$
-(4,2,0)(5,1,0)(6,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)}(M^2 +$
(2,2,0)(0,2,0)(0,2,0)	$\psi_{\psi_M(M^2+M)}(M^2+M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1}\cdot\psi_{\Omega_{I+1}}(\Omega_{I+1}\cdot\omega))$
-(4,2,0)(5,1,0)(6,2,0)(7,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)}(M^2 +$
(-,-,-)(-,-,-)(-,-,-)(-,-,-)	$\psi_{\psi_M(M^2+M)}(M^2+M+\psi_{\psi_M(M^2+M)}(1))))$
	$\psi(\Omega_{I+1} \cdot \psi_{\Omega_{I+1}}(\Omega_{I+1} \cdot \psi_{\Omega_{I+1}}(\Omega_{I+1})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)-	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)}(M^2 +$
-(5,1,0)(6,2,0)(7,1,0)(8,2,0)	$\psi_{\psi_M(M^2+M)}(M^2+M+$
	$\psi_{\psi_M(M^2+M)}(M^2 + \psi_{\psi_M(M^2+M)}(M^2 + M)))))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega^2_{I+1})$
-(3,1,0)(4,2,0)(5,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)}(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1}^2\cdot\omega)$
-(4,2,0)(5,2,0)(5,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)}(M^2 + M + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega^3_{I+1})$
-(4,2,0)(5,2,0)(5,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)})$
(-,-,-)(<,-,<)(<,-,<)	$(M^2 + M + \psi_M(M^2 + M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega^\omega_{I+1})$
-(4,2,0)(5,2,0)(6,0,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)})$
· · · · · · · · · · · · · · · · · · ·	$(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+1}^{\Omega_{I+1}})$
$(0,0,0)(1,1,1)(2,1,1)(3,1,0)^{-1}$ -(4,2,0)(5,2,0)(6,2,0)	$\psi(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)})$
(, , ,) (- , , - , (- , - , -)	$(M^2 + M + \psi_{\psi_M(M^2 + M \cdot 2)}(M^2 + M)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+2})$
-(3,1,0)(4,2,0)(5,3,0)	$\psi(M^2+M\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+2} + \Omega_{I+1})$
-(4,2,0)(5,3,0)(4,2,0)	$\psi(M^2+M\cdot 2+\psi_M(M^2+M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+2} + \psi_{\Omega_{I+2}}(\Omega_{I+2}))$
-(4,2,0)(5,3,0)(4,2,0)(5,3,0)	$\psi(M^2 + M \cdot 2 + \psi_{\psi_M(M^2 + M \cdot 2)}(M^2 + M \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+2}\cdot 2)$
-(4,2,0)(5,3,0)(5,3,0)	$\psi(M^2 + M \cdot 2 + \psi_M(M^2 + M \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+3})$
-(4,2,0)(5,3,0)(6,4,0)	$\psi(M^2+M\cdot 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+4})$
-(4,2,0)(5,3,0)(6,4,0)(7,5,0)	$\psi(M^2+M\cdot 4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)	$\psi(\Omega_{I+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)	$\psi(M^2+M+\psi_M(M^2+M\cdot\omega))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+\omega}\cdot 2)$
-(3,1,0)(4,2,1)(4,2,1)	$\psi(M^2 + M \cdot \omega + \psi_M(M^2 + M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+\omega}\cdot\Omega_{I+1})$
-(3,1,0)(4,2,1)(5,2,0)	$\psi(M^2 + M \cdot \omega + \psi_{\psi_M(M^2 + M \cdot \omega + M)}(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega^2_{I+\omega})$
-(4,2,1)(5,2,0)(4,2,1)	$\psi(M^2 + M \cdot \omega + \psi_{\psi_M(M^2 + M \cdot \omega + M)}(M^2 + M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+\omega+1})$
-(4,2,1)(5,2,0)(6,3,0)	$\psi(M^2+M\cdot\omega+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+\omega+2})$
-(4,2,1)(5,2,0)(6,3,0)(7,4,0)	$\psi(M^2 + M \cdot \omega + M \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+\omega\cdot 2})$
-(4,2,1)(5,2,0)(6,3,1)	$\psi(M^2+M\cdot\omega\cdot2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{I+\omega\cdot 3})$
-(5,2,0)(6,3,1)(7,3,0)(8,4,1)	$\psi(M^2+M\cdot\omega\cdot3)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{I+\omega^2})$
-(3,1,0)(4,2,1)(5,2,1)	$\psi(M^2+M\cdot\psi(2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+\omega^3})$
-(4,2,1)(5,2,1)(5,2,1)	$\psi(M^2+M\cdot\psi(3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I+\Omega})$
-(4,2,1)(5,2,1)(6,1,0)	$\psi(M^2 + M \cdot \psi_{\psi_M(M^2)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{I\cdot 2})$
-(4,2,1)(5,2,1)(6,1,0)(2,0,0)	$\psi(M^2+M\cdot\psi_M(M^2))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\psi_{\Omega_{I+1}}(\Omega_{I+1})})$
-(4,2,1)(5,2,1)(6,1,0)(7,2,0)	$\psi(M^2 + M \cdot \psi_{\psi_M(M^2 + M)}(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{I+1}})$
-(4,2,1)(5,2,1)(6,2,0)	$\psi(M^2 + M \cdot \psi_M(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{\Omega_{\Omega_{I+1}}})$
-(5,2,1)(6,2,0)(4,2,1)(5,2,1)(6,2,0)	$\psi(M^2 + M \cdot \psi_M(M^2 + M \cdot \psi_M(M^2 + M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(I_2)$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(M^2\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,0,0)(2,1,0)(3,2,1)-	$\psi(I_2+I)$
-(4,2,1)(5,2,0)(4,0,0)	$\psi(M^2 \cdot 2 + \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1-	$\psi(I_2 + \psi_{\Omega_{I+1}}(\Omega_{I+1}))$
-)(5,2,1)(6,2,0)(5,0,0)(2,1,0)(3,2,1)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2+M)}(M^2 + M))$
-(4,2,1)(5,2,0)(6,3,0)	$\psi(M \cdot 2 + \psi_{\psi_M(M^2+M)}(M + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,0,0)(2,1,0)(3,2,1)-	$\psi(I_2+\psi_{\Omega_{I+1}}(I_2))$
-(4,2,1)(5,2,0)(6,3,1)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 + M)}(M^2 \cdot 2))$
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)	
-(5,2,1)(6,2,0)(5,0,0)(2,1,0)(3,2,1)	$\psi(I_2 + \psi_{\Omega_{I+1}}(I_2) + I)$
-(4,2,1)(5,2,0)(6,3,1)(7,3,1)(8,3,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2+M)}(M^2 \cdot 2) + \psi_M(M^2))$
-(7,0,0)(4,2,0)(5,3,1)- $-(6,3,1)(7,3,0)(6,0,0)$	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
(5,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -(5,2,1)(6,2,0)(5,0,0)(2,1,0)(3,2,1)	
(3,2,1)(3,2,0)(3,3,0)(2,1,0)(3,2,1) -(4,2,1)(5,2,0)(6,3,1)(7,3,1)(8,3,0)	$\psi(I_2+\psi_{\Omega_{I+1}}(I_2)\cdot 2)$
-(7,0,0)(4,2,0)(5,3,1)(6,3,1)(7,3,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 + M)}(M^2 \cdot 2) \cdot 2)$
-(8,4,1)(9,4,1)(10,4,0)(9,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 + \psi_{\Omega_{I+1}}(I_2 + 1))$
-(5,2,1)(6,2,0)(5,0,0)(2,1,1)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2+M)}(M^2 \cdot 2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,0)(5,0,0)-	$\psi(I_2 + \psi_{\Omega_{I+1}}(I_2 + I))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2+M)}(M^2 \cdot 2 + \psi_M(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 + \psi_{\Omega_{I+1}}(I_2 + I))$
-(5,2,1)(6,2,0)(5,0,0)-	
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 + M)}(M^2 \cdot 2 + \psi_M(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 + \psi_{\Omega_{I+1}}(I_2 + \psi_{\Omega_{I+1}}(I_2)))$
-(5,2,1)(6,2,0)(5,0,0)(2,1,1)(3,1,0)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 + M)}(M^2 \cdot 2 +$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi_{\psi_M(M^2+M)}(M^2\cdot 2)))$

BMS	反射 OCF (Buchholz-like)
($\psi(I_2 + \psi_{\Omega_{I+1}}(I_2 + \psi_{\Omega_{I+1}}(I_2 + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 + M)}(M^2 \cdot 2 +$
-(5,2,1)(6,2,0)(5,0,0)(3,0,0)	$\psi_{\psi_M(M^2+M)}(M^2\cdot 2+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 + \psi_{\Omega_{I+1}}(I_2 + \psi_{\Omega_{I+1}}(I_2 + \psi_{\Omega_{I+1}}(I_2))))$
-(5,2,1)(6,2,0)(5,0,0)(3,1,0)(4,2,1)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 + M)}(M^2 \cdot 2 +$
-(5,2,1)(6,2,0)(5,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 \cdot 2 + \psi_{\psi_M(M^2+M)}(M^2 \cdot 2))))$
(0,0,0)(1,1,1)(0,1,1)(0,1,0)(4,0,1)	$\psi(I_2 + \psi_{\Omega_{I+1}}(I_2 + \psi_{\Omega_{I+1}}(I_2 + \psi_{\Omega_{I+1}}(I_2 + 1))))$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) - \\ -(5,2,1)(6,2,0)(5,0,0)(4,0,0) \end{vmatrix} $	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 + M)}(M^2 \cdot 2 +$
-(3,2,1)(0,2,0)(3,0,0)(4,0,0)	$\psi_{\psi_M(M^2+M)}(M^2 \cdot 2 + \psi_{\psi_M(M^2+M)}(M^2 \cdot 2 + 1))))$
	$\psi(I_2 + \psi_{\Omega_{I+1}}(I_2 + \psi_{\Omega_{I+1}}(I_2 +$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi_{\Omega_{I+1}}(I_2+\psi_{\Omega_{I+1}}(I_2)))))$
-(5,2,1)(6,2,0)(5,0,0)(4,1,0)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 + M)}(M^2 \cdot 2 +$
-(5,2,1)(6,2,1)(7,2,0)(6,0,0)	$\psi_{\psi_M(M^2+M)}(M^2\cdot 2+$
	$\psi_{\psi_M(M^2+M)}(M^2 \cdot 2 + \psi_{\psi_M(M^2+M)}(M^2 \cdot 2)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2+\Omega_{I+1})$
-(5,2,1)(6,2,0)(5,0,0)(4,2,0)	$\psi(M^2\cdot 2 + \psi_M(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 + \Omega_{I+\omega})$
-(5,2,1)(6,2,0)(5,0,0)(4,2,1)	$\psi(M^2 \cdot 2 + \psi_M(M^2 + M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2+\psi_{I_2}(I_2))$
-(5,2,1)(6,2,0)(5,0,0)(4,2,1)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot 2))$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
-(5,2,1)(6,2,0)(5,2,0)(4,2,1)-	$\psi(I_2 + \psi_{\Omega_{\psi_{I_2}(I_2)+1}}(I_2))$
-(5,2,1)(6,2,0)(5,0,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_{M(M^2 \cdot 2)}(M^2 \cdot 2+1)}(M^2 \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 + \Omega_{\psi_{I_2}(I_2)+1})$
-(5,2,1)(6,2,0)(5,2,0)(6,3,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot 2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 + \Omega_{\psi_{I_2}(I_2) + \omega})$
-(5,2,1)(6,2,0)(5,2,0)(6,3,1)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot 2 + \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2\cdot 2)$
-(5,2,1)(6,2,0)(5,2,0)(6,3,1)-	$\psi(M^2 \cdot 2 + \psi_M(M^2 \cdot 2))$
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 \cdot \omega) \tag{1}$
-(5,2,1)(6,2,0)(5,2,1)	$\frac{\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(1))}{\psi(I_2 \cdot I)}$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) - \\ -(5,2,1)(6,2,0)(5,2,1)(6,1,0)(2,0,0) \end{vmatrix} $, (2)
	$\frac{\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2))}{\psi(I_2 \cdot \Omega_{I+1})}$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) - \\ -(5,2,1)(6,2,0)(5,2,1)(6,2,0) \end{vmatrix} $, (= -1-)
-(0,2,1)(0,2,0)(0,2,1)(0,2,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 + M))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 \cdot \Omega_{I+\omega})$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(4,2,1)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 + M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2 \cdot \psi_{I_2}(I_2))$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 +$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$M\cdot \psi_{\psi_M(M^2\cdot 2)}(M^2\cdot 2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2\cdot\psi_{I_2}(I_2\cdot\omega))$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 +$
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)	$M \cdot \psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2\cdot\psi_{I_2}(I_2\cdot\Omega_{I+1}))$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(4,2,1)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 + M \cdot$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)	$\psi_{\psi_M(M^2\cdot 2)}(M^2\cdot 2 + \psi_{\psi_M(M^2\cdot 2+M)}(M^2+M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2^2)$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(5,0,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2^3)$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)-	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot 2 + \psi_M(M^2 \cdot 2)))$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_2^{I_2})$
-(5,2,1)(6,2,0)(6,2,0)(5,0,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot 2 +$
	$\psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot 2)))$ $\psi(I_2^{I_2^{I_2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)	$\psi(I_2^{I_2^{I_2^*}})$
-(5,2,1)(6,2,0)(7,2,0)(5,0,0)	$\psi(M^2 \cdot 2 + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot 2 +$
(0,-,-)(0,-,0)(0,-,0)	$\psi_{\psi_M(M^2\cdot 2+M)}(M^2\cdot 2 + \psi_{\psi_M(M^2\cdot 2+M)}(M^2\cdot 2))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{I_2+1})$
-(5,2,1)(6,2,0)(7,3,0)	$\psi(M^2 \cdot 2 + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{I_2+\omega})$
-(5,2,1)(6,2,0)(7,3,1)	$\psi(M^2 \cdot 2 + M \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{\Omega_{I_2+1}})$
-(5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,0)	$\psi(M^2 \cdot 2 + M \cdot \psi_M(M^2 \cdot 2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)	$\psi(I_3)$
-(5,2,1)(6,2,0)(7,3,1)	$\psi(M^2\cdot 3)$
-(8,3,1)(9,3,0)(8,0,0)	· `
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) - (5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,0) -	$\psi(I_3\cdot 2)$
-(8,3,0)(9,4,1)(10,4,1)	$\psi(M^2 \cdot 3 + \psi_M(M^2 \cdot 3))$
-(11,4,0)(10,0,0)	$\psi(M - O + \psi_M(M - O))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_3\cdot\omega)$
-(5,2,1)(6,2,0)(7,3,1)-	
-(8,3,1)(9,3,0)(8,3,1)	$\psi(M^2 \cdot 3 + \psi_{\psi_M(M^2 \cdot 3 + M)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{I_3+1})$
-(5,2,1)(6,2,0)(7,3,1)-	$\psi(M^2 \cdot 3 + M)$
-(8,3,1)(9,3,0)(10,4,0)	$\psi(M \cdot 3 + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_4)$
-(5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,0)-	$\psi(M^2 \cdot 4)$
-(10,4,1)(11,4,1)(12,4,0)(11,0,0)	$\psi(M \cdot 4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(I_{\omega})$
(0,0,0)(1,1,1)(2,1,1)(0,1,1)	$\psi(M^2 \cdot \omega)$
(0.0.0)/1.1.1)/9.1.1)/9.1.1)/1.1.1)	$\psi(I_{\omega}+\Omega_{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)	$\psi(M^2 \cdot \omega + \psi_M(M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I_{\omega} + \psi_I(I))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2))$
	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I)+1}}(I + \Omega_{\psi_I(I)+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_{M}(M^2)}(M^2+1))$
-(2,1,1)(3,1,0)(2,1,0)(3,2,0)	$(M^2 + \psi_{\psi_M(M^2)}(M^2 + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I)+1}}(I \cdot 2))$
-(4,2,1)(5,2,0)(4,0,0)	$\psi(M^2 \cdot \omega + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2 + \psi_M(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I)+1}}(I \cdot 3))$
-(5,2,0)(4,2,0)(5,3,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_{M}(M^2)(M^2+1)}(M^2 + \psi_M(M^2) \cdot 2))$
-(6,3,1)(7,3,0)(6,0,0)	$\psi_M(M^2)$ (M2)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{\psi_{\sigma}(I)+1}}(I \cdot \omega))$
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	71(-)
-(4,2,1)(5,2,0)(4,2,1)	$\psi(M^2 \cdot \omega + \psi_{\psi_{M(M^2)}(M^2+1)}(M^2 + \psi_{\psi_{M(M^2+M)}}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I)+1}}(\Omega_{I+1}))$
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_{\psi_{M}(M^2)}(M^2+1)}(M^2 + M))$
-(4,2,1)(5,2,0)(6,3,0)	$\psi(M \cdot \omega + \psi_{\psi_{M(M^2)}(M^2+1)}(M+M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_\omega + \psi_{\Omega_{m,r(I)+1}}(I_2))$
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_{M}(M^2)(M^2+1)}(M^2 \cdot 2))$
-(5,2,0)(6,3,1)(7,3,1)(8,3,0)(7,0,0)	$\psi(\mathcal{W} + \omega + \psi_{\psi_M(M^2)}(M^2+1)(\mathcal{W} + 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I)+1}}(I_3))$
-(5,2,0)(6,3,1)(7,3,1)(8,3,0)(9,4,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_{M}(M^2)}(M^2+1)(M^2 \cdot 3))$
-(10,4,1)(11,4,0)(10,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,1)$	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I)+1}}(I_{\omega}))$ $\psi(M^2 \cdot \omega + \psi_{\psi_{\psi_M(M^2)}(M^2+1)}(M^2 \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-$ $-(4,2,1)(5,2,1)(3,2,0)$	$\psi(I_{\omega} + \Omega_{\psi_I(I)+1})$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(3,2,0)(4,3,1)-$ $-(5,3,1)(6,3,1)(4,3,0)$	$\psi(I_{\omega} + \Omega_{\psi_I(I)+2})$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 + 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-$ $-(4,2,1)(5,2,1)(3,2,1)$	$\psi(I_{\omega} + \Omega_{\psi_I(I) + \omega})$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 + \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(3,2,1)(4,2,1)(5,2,0)(4,0,0)$	$\psi(I_{\omega} + \psi_{I}(I \cdot 2))$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2})}(M^{2} + \psi_{M}(M^{2})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(3,2,1)(4,2,1)(5,2,0)(6,3,0)$	$\psi(I_{\omega} + \psi_{\Omega_{\psi_{I}(I \cdot 2)+1}}(I \cdot 2 + \Omega_{\psi_{I}(I \cdot 2)+1}))$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{\psi_{M}(M^{2})}(M^{2} + \psi_{M}(M^{2})+1)}(M^{2} + \psi_{M}(M^{2}) + \psi_{\psi_{M}(M^{2})}(M^{2} + \psi_{M}(M^{2})+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(3,2,1)(4,2,1)(5,2,0)(6,3,1)-$ $-(7,3,1)(8,3,0)(7,0,0)$	$\psi(I_{\omega} + \psi_{\Omega_{\psi_{I}(I \cdot 2)+1}}(I \cdot 3))$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2})}(M^{2} + \psi_{M}(M^{2}) + 1)$ $(M^{2} + \psi_{M}(M^{2}) \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(3,2,1)(4,2,1)(5,2,0)-$ $-(6,3,1)(7,3,1)(8,3,1)$	$\psi(I_{\omega} + \psi_{\Omega_{\psi_{I}(I \cdot 2) + 1}}(I_{\omega}))$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2})}(M^{2} + \psi_{M}(M^{2}) + 1)}(M^{2} \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(3,2,1)(4,2,1)(5,2,0)(6,3,1)-$ $-(7,3,1)(8,3,1)(6,3,0)$	$\psi(I_{\omega} + \Omega_{\psi_{I}(I \cdot 2) + 1})$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2})}(M^{2} + \psi_{M}(M^{2}) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(3,2,1)(4,2,1)(5,2,0)(6,3,1)-$ $-(7,3,1)(8,3,1)(6,3,1)-$ $-(7,3,1)(8,3,0)(7,0,0)$	$\psi(I_{\omega} + \psi_{I}(I \cdot 3))$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2})}(M^{2} + \psi_{M}(M^{2}) \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(I_{\omega} + \psi_I(I \cdot \omega))$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 + \psi_{\psi_M(M^2 + M)}(1)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I_\omega + \psi_I(\Omega_{I+1}))$
-(1,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_I(I_2))$
-(2,1,1)(3,1,0)(4,2,1)-	, , , , , , , , , , , , , , , , , , , ,
-(5,2,1)(6,2,0)(5,0,0)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_I(\Omega_{I_2+1}))$
-(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 \cdot 2 + M))$
-(5,2,1)(6,2,0)(7,3,0)	$\psi(M \cdot \omega + \psi_{\psi_M(M^2)}(M \cdot 2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_\omega + \psi_I(I_3))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,0)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 \cdot 3))$
-(7,3,1)(8,3,1)(9,3,0)(8,0,0)	$\psi(M + \omega + \psi_{M(M^2)}(M + S))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_\omega + \psi_I(I_\omega))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(I_{\omega} + \psi_I(I_{\omega}) \cdot 2)$
-(6,2,1)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 \cdot \omega) \cdot 2)$
-(4,2,1)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I_{\omega})+1}}(\Omega))$
-(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_{M(M^2)}(M^2 \cdot \omega + 1)}(M))$
-(5,2,1)(6,2,1)(2,1,0)	$\psi(M^{-1}\omega + \psi_{\psi_{M}(M^{2})}(M^{2}\cdot\omega+1)(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I_{\omega})+1}}(I_{\omega}))$
-(2,1,0)(1,1,1)(2,1,1)(3,1,0)-	$\psi(M^2 \cdot \omega + \psi_{\psi_{M^{(M^2)}}(M^2 \cdot \omega + 1)}(M^2 \cdot \omega))$
-(4,2,1)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_\omega + \Omega_{\psi_I(I_\omega)+1})$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2)}(M^2 \cdot \omega + 1))$
-(6,2,1)(2,1,0)(3,2,0)	φ (1.2 ω + $\varphi_M(M^2)$ (1.2 ω + 2))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_\omega+I)$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M^2 \cdot \omega + \psi_M(M^2))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	(, par (=))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	//I + I 9\
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I_\omega+I\cdot 2)$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,0)-	$\psi(M^2 \cdot \omega + \psi_M(M^2) \cdot 2)$
-(5,3,1)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_\omega+I\cdot\omega)$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)	, , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(\Omega_{I+1}))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(M^2+M))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,0)	, τ ψM (222 1242) (~~- , ~~- /)

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}))$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(3,2,0)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + \Omega_{\psi_{I}(I_{\omega})+1})$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2}+M)}(M^{2} \cdot \omega)$ $+\psi_{\psi_{M}(M^{2})}(M^{2} \cdot \omega + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(3,2,1)-$ $-(4,2,1)(5,2,0)(4,0,0)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + \psi_{I}(I_{\omega} + I))$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2}+M)}(M^{2} \cdot \omega) +$ $\psi_{\psi_{M}(M^{2})}(M^{2} \cdot \omega + \psi_{M}(M^{2})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(3,2,1)-$ $-(4,2,1)(5,2,0)(6,3,0)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + \psi_{I}(I_{\omega} + \psi_{\Omega_{I+1}}(\Omega_{I+1})))$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2}+M)}(M^{2} \cdot \omega) +$ $\psi_{\psi_{M}(M^{2})}(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2}+M)}(M^{2} + M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(3,2,1)-$ $-(4,2,1)(5,2,0)(6,3,1)(7,3,1)(8,3,1)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + \psi_{I}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega})))$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2}+M)}(M^{2} \cdot \omega) +$ $\psi_{\psi_{M}(M^{2})}(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2}+M)}(M^{2} \cdot \omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(3,2,1)-$ $-(4,2,1)(5,2,0)(6,3,1)(7,3,1)-$ $-(8,3,1)(4,2,0)(5,3,0)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + \Omega_{\psi_{I}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}))+1})$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2} + M)}(M^{2} \cdot \omega)$ $+ \psi_{\psi_{M}(M^{2})}(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2} + M)}(M^{2} \cdot \omega) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(3,2,1)-$ $-(4,2,1)(5,2,0)(6,3,1)(7,3,1)(8,3,1)-$ $-(4,2,0)(5,3,1)(6,3,1)(7,3,0)(6,0,0)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) + I)$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \omega) + \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(2,1,1)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + 1))$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \omega + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + I))$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \omega + \psi_M(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(2,1,1)(3,1,0)(4,2,0)$	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(\Omega_{I+1})))$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2}+M)}(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2}+M)}(M^{2} + M)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega})))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \omega$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$+\psi_{\psi_M(M^2+M)}(M^2\cdot\omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) \cdot 2))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(M^2 \cdot \omega + \psi_{\psi_M($
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi_{\psi_M(M^2+M)}(M^2\cdot\omega)\cdot 2))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + 1)))$
-(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \omega +$
-(5,2,1)(6,2,1)(3,0,0)	$\psi_{\psi_M(M^2+M)}(M^2\cdot\omega+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(\Omega_{I+1}))))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)})$
-(6,2,1)(3,1,0)(4,2,0)	$(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(M^2+M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}))))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \omega + \psi_{\psi_M(M^2 + M)})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(M^2 \cdot \omega))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + 1))))$
-(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)})$
-(5,2,1)(6,2,1)(4,0,0)	$(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(M^2 \cdot \omega + 1))))$
	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} +$
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1) - \right $	$\psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}))))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)})$
-(4,1,0)(5,2,1)(6,2,1)(7,2,1)	$(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(M^2 \cdot \omega +$
	$\psi_{\psi_M(M^2+M)}(M^2 \cdot \omega + \psi_{\psi_M(M^2+M)}(M^2 \cdot \omega)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_\omega+\Omega_{I+1})$
-(5,2,1)(6,2,1)(4,2,0)	$\psi(M^2 \cdot \omega + \psi_M(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega} + \Omega_{I+2})$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_{\omega}+\mathfrak{L}I_{1+2})$ $\psi(M^{2}\cdot\omega+\psi_{M}(M^{2}+M\cdot2))$
-(4,2,0)(5,3,1)(6,3,1)(7,3,1)(5,3,0)	$\psi(M \cdot \omega + \psi_M(M + M \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega}+\Omega_{I+\omega})$
-(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^2 \cdot \omega + \psi_M(M^2 + M \cdot \omega))$
-(5,2,1)(6,2,1)(4,2,1)	7 (7 7 14 (1 2 2 2 2))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $(2,1,1)(2,1,0)(4,2,1)(5,2,1)(6,2,1)$	$\psi(I_\omega + \psi_{I_2}(I_2))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot 2))$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	· ,

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_{\omega}+\psi_{I_{2}}(\Omega_{I_{2}+1}))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot 2 + M))$
-(4,2,1)(5,2,1)(6,2,0)(7,3,0)	$\psi(M \cdot \omega + \psi_{\psi_M(M^2 \cdot 2)}(M \cdot 2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_\omega + \psi_{I_2}(I_\omega))$
-(4,2,1)(5,2,1)(6,2,0)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot \omega))$
-(7,3,1)(8,3,1)(9,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_{\omega} + \Omega_{\psi_{I_2}(I_{\omega})+1})$
-(4,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot \omega + 1))$
-(9,3,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_{\omega}+I_2)$
-(4,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^2 \cdot \omega + \psi_M(M^2 \cdot 2))$
-(9,3,1)(5,2,0)(6,3,1)-	$\psi(M^-\cdot\omega+\psi_M(M^-\cdot 2))$
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I_2+1}}(I_{\omega}))$
-(4,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot \omega))$
-(9,3,1)(5,2,0)(6,3,1)(7,3,1)(8,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I_2+1}}(I_{\omega}) + \psi_{I_2}(I_{\omega} + I_2))$
-(4,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot \omega) +$
-(9,3,1)(5,2,0)(6,3,1)(7,3,1)(8,3,1)-	$\psi_{\psi_M(M^2\cdot 2)}(M^2\cdot\omega+\psi_M(M^2\cdot 2)))$
-(6,3,1)(7,3,1)(8,3,0)(7,0,0)	,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	
-(4,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(I_\omega + \psi_{\Omega_{I_\alpha+1}}(I_\omega) + I_2)$
-(9,3,1)(5,2,0)(6,3,1)(7,3,1)(8,3,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot \omega) + \psi_M(M^2 \cdot 2))$
-(6,3,1)(7,3,1)(8,3,0)(9,4,1)(10,4,1)-	$\psi(M \cdot \omega + \psi_{\psi_M(M^2\cdot 2+M)}(M \cdot \omega) + \psi_M(M \cdot 2))$
-(11,4,1)(7,3,0)(8,4,1)-	
-(9,4,1)(10,4,0)(9,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	
-(4,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(I_{\omega} + \psi_{\Omega_{I_{\alpha}+1}}(I_{\omega}) \cdot 2)$
-(9,3,1)(5,2,0)(6,3,1)(7,3,1)(8,3,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot \omega) \cdot 2)$
-(6,3,1)(7,3,1)(8,3,0)(9,4,1)(10,4,1)-	$\psi(M \cdot \omega + \psi_{\psi_M(M^2\cdot 2+M)}(M \cdot \omega) \cdot 2)$
-(11,4,1)(7,3,0)(8,4,1)(9,4,1)(10,4,0)-	
-(11,5,1)(12,5,1)(13,5,1)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(4,2,1)(5,2,1)(6,2,0)(7,3,1)-$ $-(8,3,1)(9,3,1)(5,2,1)$	$\psi(I_{\omega} + \psi_{\Omega_{I_2+1}}(I_{\omega} + 1))$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 2 + M)}(M^2 \cdot \omega + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(4,2,1)(5,2,1)(6,2,0)(7,3,1)-$ $-(8,3,1)(9,3,1)(7,3,0)$	$\psi(I_{\omega} + \Omega_{I_2+1})$ $\psi(M^2 \cdot \omega + \psi_M(M^2 \cdot 2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(4,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-$ $-(9,3,1)(7,3,1)(8,3,1)(9,3,0)(10,4,1)-$ $-(11,4,1)(12,4,1)$	$\psi(I_{\omega} + \psi_{I_3}(I_{\omega}))$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot 3)}(M^2 \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(4,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-$ $-(9,3,1)(7,3,1)(8,3,1)(9,3,0)(10,4,1)-$ $-(11,4,1)(12,4,1)(10,4,0)$	$\psi(I_{\omega} + \Omega_{I_3+1})$ $\psi(M^2 \cdot \omega + \psi_M(M^2 \cdot 3 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(1,1,1)(2,1,1)(3,1,1)$	$\psi(I_{\omega}\cdot 2) \ \psi(M^2\cdot \omega + \psi_M(M^2\cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,1)(1,1,1)(2,1,1)(3,1,0)-$ $-(4,2,1)(5,2,1)(6,2,1)-$ $-(4,2,1)(5,2,1)(6,2,1)$	$\psi(I_{\omega} \cdot 2 + \psi_{I}(I_{\omega} \cdot 2))$ $\psi(M^{2} \cdot \omega + \psi_{M}(M^{2} \cdot \omega) +$ $\psi_{\psi_{M}(M^{2})}(M^{2} \cdot \omega + \psi_{M}(M^{2} \cdot \omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,1)(1,1,1)(2,1,1)(3,1,0)-$ $-(4,2,1)(5,2,1)(6,2,1)(4,2,1)-$ $-(5,2,1)(6,2,1)(4,2,0)$	$\psi(I_{\omega} \cdot 2 + \Omega_{I+1})$ $\psi(M^2 \cdot \omega + \psi_M(M^2 \cdot \omega) + \psi_M(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)- $-(2,1,1)(3,1,1)(1,1,1)(2,1,1)(3,1,0)-$ $-(4,2,1)(5,2,1)(6,2,1)(4,2,1)(5,2,1)-$ $-(6,2,1)(4,2,1)(5,2,1)(6,2,0)(7,3,1)-$ $-(8,3,1)(9,3,1)(7,3,1)(8,3,1)(9,3,1)$	$\psi(I_{\omega} \cdot 2 + \psi_{I_2}(I_{\omega} \cdot 2))$ $\psi(M^2 \cdot \omega + \psi_M(M^2 \cdot \omega) +$ $\psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot \omega + \psi_M(M^2 \cdot \omega)))$
(9,3,1)(9,3,1)(1,3,1)(1,1,1) - (2,1,1)(3,1,1)(1,1,1) - (2,1,1)(3,1,1)(1,1,1)(2,1,1)(3,1,0) - (4,2,1)(5,2,1)(6,2,1)(4,2,1)(5,2,1) - (6,2,1)(4,2,1)(5,2,1)(6,2,0)(7,3,1) - (8,3,1)(9,3,1)(7,3,1) - (8,3,1)(9,3,1)(7,3,0)	$\psi(I_{\omega} \cdot 2 + \Omega_{I_2+1})$ $\psi(M^2 \cdot \omega + \psi_M(M^2 \cdot \omega) + \psi_M(M^2 \cdot 2 + M))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1)-	$\psi(I_\omega\cdot 3)$
-(2,1,1)(3,1,1)(1,1,1)(2,1,1)(3,1,1)	$\psi(M^2\cdot\omega+\psi_M(M^2\cdot\omega)\cdot 2)$
(0.0.0)(1.1.1)(0.1.1)(0.1.1)(0.0.0)	$\psi(I_\omega \cdot \omega)$
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,0,0) \right $	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(1))$
(0.0.0)/1.1.1/(0.1.1)/0.1.1/(0.1.0)	$\psi(I_\omega\cdot\Omega)$
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) \right $	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-	$\psi(I_\omega\cdot\psi_I(I))$
-(1,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M \cdot \psi_{\psi_M(M^2)}(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-	$\psi(I_\omega\cdot\psi_I(I_\omega))$
-(1,1,1)(2,1,1)(3,1,0)-	7 (= 7 = (= 7)
-(4,2,1)(5,2,1)(6,2,1)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M \cdot \psi_{\psi_M(M^2)}(M^2 \cdot \omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-	$\psi(I_\omega\cdot I)$
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M^2))$
-(5,2,1)(6,2,1)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-	$\psi(I_\omega\cdot\psi_{\Omega_{I+1}}(I_\omega))$
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)})$
-(6,2,1)(5,1,0)(6,2,1)(7,2,1)(8,2,1)	$(M^2 + \psi_{\psi_M(M^2+M)}(M^2 \cdot \omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-	$\psi(I_{\omega}\cdot\psi_{\Omega_{I+1}}(I_{\omega}\cdot\psi_{\Omega_{I+1}}(I_{\omega})))$
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M^2 +$
-(6,2,1)(5,1,0)(6,2,1)(7,2,1)(8,2,1)-	$\psi_{\psi_M(M^2+M)}(M^2\cdot\omega+\psi_{\psi_M(M^2\cdot\omega+M)})$
-(7,1,0)(8,2,1)(9,2,1)(10,2,1)	$(M^2 + \psi_{\psi_M(M^2+M)}(M^2 \cdot \omega)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-	
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_{\omega}\cdot\Omega_{I+1})$
-(5,2,1)(6,2,1)(5,2,0)	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-	$\psi(I_\omega\cdot\psi_{I_2}(I_\omega))$
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M^2 +$
-(6,2,1)(5,2,0)(4,2,1)(5,2,1)(6,2,0)-	$M \cdot \psi_{\psi_M(M^2 \cdot 2)}(M^2 \cdot \omega)))$
-(7,3,1)(8,3,1)(9,3,1)	$\psi_{\psi_M(M^2\cdot 2)}(m\cdot \omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-	// 7
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)	$\psi(I_{\omega}\cdot I_2)$
-(6,2,1)(5,2,0)(4,2,1)(5,2,1)(6,2,0)-	$\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M^2 \cdot 2))$
-(7,3,1)(8,3,1)(9,3,1)(8,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) - (1,1,1)(2,1,1)(2,1,0)(4,2,1)(5,2,1)	$\psi(I_\omega\cdot\Omega_{I_2+1})$
$ \begin{vmatrix} -(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1) - \\ -(6,2,1)(5,2,0)(4,2,1)(5,2,1)(6,2,0) - \end{vmatrix} $	$\psi(I_{\omega} \cdot {}^{\underline{\iota}}I_{2+1})$ $\psi(M^2 \cdot \omega + \psi_{\psi_{M}(M^2 \cdot \omega + M)}(M^2 \cdot 2 + M))$
$\begin{bmatrix} -(0,2,1)(5,2,0)(4,2,1)(5,2,1)(0,2,0) - \\ -(7,3,1)(8,3,1)(9,3,1)(8,3,0) \end{bmatrix}$	$\psi(M \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M^2 \cdot Z + M))$
-(1,0,1)(0,0,1)(0,0,1)(0,0,0)	

BMS	反射 OCF (Buchholz-like)
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-\\ -(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-\\ -(6,2,1)(5,2,0)(4,2,1)(5,2,1)(6,2,0)-\\ -(7,3,1)(8,3,1)(9,3,1)(8,3,0)(7,3,1)-\\ -(8,3,1)(9,3,0)(10,4,1)-\\ -(11,4,1)(12,4,1)$	$\psi(I_{\omega} \cdot \psi_{I_3}(I_{\omega}))$ $\psi(M^2 \cdot \omega + \psi_{\psi_M(M^2 \cdot \omega + M)}(M^2 \cdot 2 + M \cdot \psi_{\psi_M(M^2 \cdot 3)}(M^2 \cdot \omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (2,1,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(I_{\omega}^{2})$ $\psi(M^{2} \cdot \omega + \psi_{\psi_{M}(M^{2} \cdot \omega + M)}(M^{2} \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)(3,2,0)	$\psi(\Omega_{I_\omega+1}) \ \psi(M^2 \cdot \omega + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)- $-(3,2,1)(4,2,1)(5,2,0)(4,0,0)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,0)(4,2,0)-$ $(5,2,1)(6,2,1)(7,2,0)(6,0,0)$	$\psi(I_{\omega+1})$ $\psi(M^2 \cdot \omega + M^2)$ $\psi(I_{\omega+1} \cdot 2)$ $\psi(M^2 \cdot \omega + M^2 + \psi_M(M^2 \cdot \omega + M^2))$
$ \begin{array}{c} -(5,3,1)(6,3,1)(7,3,0)(6,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) \\ -(3,2,1)(4,2,1)(5,2,0)(4,2,1) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) - \end{array} $	$\psi(I_{\omega+1} \cdot \omega)$ $\psi(M^2 \cdot \omega + M^2 + \psi_{\psi_M(M^2 \cdot \omega + M^2 + M)}(1))$ $\psi(\Omega_{L_{\omega+1}})$
-(3,2,1)(4,2,1)(5,2,0)(6,3,0)	$\psi(M^2 \cdot \omega + M^2 + M)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) - \\ -(3,2,1)(4,2,1)(5,2,0)(6,3,1) - \\ -(7,3,1)(8,3,0)(7,0,0) \end{array} $	$\psi(I_{\omega+2})$ $\psi(M^2 \cdot \omega + M^2 \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) - (3,2,1)(4,2,1)(5,2,1)	$\psi(I_{\omega \cdot 2}) \ \psi(M^2 \cdot \omega \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) - (3,2,1)(4,2,1)(5,2,1)(4,2,0)(5,3,0)	$\psi(\Omega_{I_{\omega \cdot 2}+1})$ $\psi(M^2 \cdot \omega \cdot 2 + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) - (3,2,1)(4,2,1)(5,2,1)(4,2,0) - (5,3,1)(6,3,1)(7,3,0)(6,0,0)	$\psi(I_{\omega \cdot 2+1})$ $\psi(M^2 \cdot \omega \cdot 2 + M \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0)- $-(3,2,1)(4,2,1)(5,2,1)(4,2,0)-$ $-(5,3,1)(6,3,1)(7,3,1)$	$\psi(I_{\omega\cdot 3}) \ \psi(M^2\cdot \omega\cdot 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)	$\psi(I_{\psi(2)}) \ \psi(M^2 \cdot \psi(2))$
(0,0,0)(1,1,1)(2,1,1) - (3,1,1)(2,1,1)(2,1,1)	$\psi(I_{\psi(3)}) \ \psi(M^2 \cdot \psi(3))$
(0,0,0)(1,1,1)(2,1,1)- $-(3,1,1)(2,1,1)(3,1,0)$	$\psi(I_\Omega) \ \psi(M^2 \cdot \psi_M(M))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I_\Omega+\Omega)$
-(2,1,1)(3,1,0)(1,1,0)	$\psi(M^2\cdot\psi_M(M)+\psi_M(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\Omega}+\Omega_2)$
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)-	-/
-(4,2,1)(3,2,1)(4,1,0)(2,2,0)	$\psi(M^2 \cdot \psi_M(M) + \psi_M(M \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_\Omega+\Omega_\omega)$
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)-	, ()
-(4,2,1)(3,2,1)(4,1,0)(2,2,1)	$\psi(M^2 \cdot \psi_M(M) + \psi_M(M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_\Omega+\Omega_\Omega)$
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	, ()
-(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,1,0)	$\psi(M^2 \cdot \psi_M(M) + \psi_M(M \cdot \psi_M(M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\Omega}+\Omega_{\Omega_{2}})$
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	(33 - 332)
-(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,0)	$\psi(M^2 \cdot \psi_M(M) + \psi_M(M \cdot \psi_M(M \cdot 2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_\Omega + \psi_I(I))$
-(3,2,1)(4,1,0)(2,2,1)-	$\psi(M^2 \cdot \psi_M(M) + \psi_{\psi_M(M^2)}(M^2))$
-(3,2,1)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_\Omega + \psi_I(I_\omega))$
-(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,0)-	$\psi(M^2 \cdot \psi_M(M) + \psi_{\psi_M(M^2)}(M^2 \cdot \omega))$
-(5,3,1)(6,3,1)(7,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_\Omega + \psi_I(I_\Omega))$
-(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,0)-	$\psi(M^2 \cdot \psi_M(M) + \psi_{\psi_M(M^2)}(M^2 \cdot \psi_M(M)))$
-(5,3,1)(6,3,1)(7,3,1)(6,3,1)(7,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_\Omega+I)$
-(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,0)-	$\psi(M^2\cdot\psi_M(M)+\psi_M(M^2))$
-(5,3,1)(6,3,1)(7,3,1)(6,3,1)(7,1,0)-	$\psi(M \cdot \psi_M(M) + \psi_M(M))$
-(3,2,0)(4,3,1)(5,3,1)(6,3,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	
-(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,0)-	$\psi(I_\Omega + \psi_{\Omega_{I+1}}(I_\Omega))$
-(5,3,1)(6,3,1)(7,3,1)(6,3,1)(7,1,0)-	$\psi(M^2 \cdot \psi_M(M) + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \psi_M(M)))$
-(3,2,0)(4,3,1)(5,3,1)(6,3,0)(7,4,1)-	
-(8,4,1)(9,4,1)(8,4,1)(9,1,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_{\Omega}+\psi_{\Omega_{I+1}}(I_{\Omega}+1))$
$ \begin{array}{c c} -(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,0) - \\ -(5,3,1)(6,3,1)(7,3,1) - \\ -(6,3,1)(7,1,0)(3,2,1) \end{array} $	$\psi(M^2 \cdot \psi_M(M) + \psi_{\psi_M(M^2+M)}(M^2 \cdot \psi_M(M) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- -(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)- -(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,0)- -(5,3,1)(6,3,1)(7,3,1)-	$\psi(I_{\Omega} + \Omega_{I+1})$ $\psi(M^2 \cdot \psi_M(M) + \psi_M(M^2 + M))$
-(6,3,1)(7,1,0)(5,3,0) $(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-$ $(2,1,0)(1,1,0)(2,2,1)(2,2,1)(4,2,1)$	
$ \begin{array}{c c} -(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1) - \\ -(3,2,1)(4,1,0)(2,2,1)(3,2,1) - \\ -(4,2,0)(5,3,1)(6,3,1)(7,3,1)(6,3,1) - \\ -(7,1,0)(5,3,1)(6,3,1)(7,3,0)(6,0,0) \end{array} $	$\psi(I_{\Omega} + \psi_{I_{2}}(I_{2}))$ $\psi(M^{2} \cdot \psi_{M}(M) + \psi_{\psi_{M}(M^{2} \cdot 2)}(M^{2} \cdot 2))$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-\\ -(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-\\ -(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,0)-\\ -(5,3,1)(6,3,1)(7,3,1)(6,3,1)(7,1,0)-\\ -(5,3,1)(6,3,1)(7,3,0)(8,4,1)(9,4,1)-\\ -(10,4,1)(9,4,1)(10,1,0)(8,4,0)$	$\psi(I_{\Omega} + \Omega_{I_2+1})$ $\psi(M^2 \cdot \psi_M(M) + \psi_M(M^2 \cdot 2 + M))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1) - \\ -(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,1) \end{array} $	$\psi(I_{\Omega}+I_{\omega}) \ \psi(M^2\cdot\psi_M(M)+\psi_M(M^2\cdot\omega))$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-\\ -(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-\\ -(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,1)-\\ -(3,2,0)(4,3,1)(5,3,1)(6,3,1)(5,3,1)-\\ -(6,1,0)(4,3,0)$	$\psi(I_{\Omega} + \Omega_{I_{\omega}+1})$ $\psi(M^2 \cdot \psi_M(M) + \psi_M(M^2 \cdot \omega + M))$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- \\ -(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)- \\ -(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,1)- \\ -(3,2,0)(4,3,1)(5,3,1)(6,3,1)(5,3,1)- \\ -(6,1,0)(4,3,1)(5,3,1)(6,3,0)(5,0,0)$	$\psi(I_{\Omega} + I_{\omega+1})$ $\psi(M^2 \cdot \psi_M(M) + \psi_M(M^2 \cdot \omega + M^2))$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- \\ -(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)- \\ -(3,2,1)(4,1,0)(2,2,1)(3,2,1)(4,2,1)- \\ -(3,2,0)(4,3,1)(5,3,1)(6,3,1)(5,3,1)- \\ -(6,1,0)(4,3,1)(5,3,1)(6,3,1)$	$\psi(I_{\Omega}+I_{\omega\cdot 2})$ $\psi(M^2\cdot\psi_M(M)+\psi_M(M^2\cdot\omega\cdot 2))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_\Omega+I_{\psi(2)})$
-(3,2,1)(4,1,0)(2,2,1)-	$\psi(M^2 \cdot \psi_M(M) + \psi_M(M^2 \cdot \psi(2)))$
-(3,2,1)(4,2,1)(3,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_\Omega\cdot 2)$
-(3,2,1)(4,1,0)(2,2,1)(3,2,1)-	$\psi(M^2 \cdot \psi_M(M) + \psi_M(M^2 \cdot \psi_M(M)))$
-(4,2,1)(3,2,1)(4,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I_{\Omega}+1})$
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(M^2 \cdot \psi_M(M) + M)$
-(3,2,1)(4,1,0)(3,2,0)(4,3,0)	$\psi(M \cdot \psi_M(M) + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_{\Omega+1})$
-(3,2,1)(4,1,0)(3,2,0)(4,3,1)-	$\psi(M^2 \cdot \psi_M(M) + M^2)$
-(5,3,1)(6,3,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_{\Omega+\omega})$
-(3,2,1)(4,1,0)(3,2,0)-	$\psi(M^2\cdot\psi_M(M)+M^2\cdot\omega)$
-(4,3,1)(5,3,1)(6,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_{\Omega\cdot 2})$
-(3,2,1)(4,1,0)(3,2,0)(4,3,1)(5,3,1)-	$\psi(M^2\cdot\psi_M(M)\cdot 2)$
-(6,3,1)(5,3,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(I_{\Omega\cdot 3})$
-(3,2,1)(4,1,0)(3,2,0)(4,3,1)(5,3,1)-	$\psi(M^2 \cdot \psi_M(M) \cdot 3)$
-(6,3,1)(5,3,1)(6,1,0)(5,3,0)(6,4,1)-	$\psi(M + \psi_M(M) + 3)$
-(7,4,1)(8,4,1)(7,4,1)(8,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\Omega\cdot\omega})$
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)-	$\psi(M^2 \cdot \psi_{\psi_M(M \cdot 2)}(1))$
-(4,2,1)(3,2,1)(4,1,0)(3,2,1)	$\psi(M \cdot \psi_{M(M\cdot 2)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\Omega^2})$
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(M^2 \cdot \psi_{\psi_M(M \cdot 2)}(M))$
-(3,2,1)(4,1,0)(3,2,1)(4,1,0)	$\psi(M - \psi\psi_M(M\cdot 2)(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\psi_{\Omega_2}(\Omega_2)})$
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-	$\psi(M^2 \cdot \psi_{\psi_M(M\cdot 2)}(M\cdot 2))$
-(3,2,1)(4,1,0)(5,2,0)	$\psi(M \cdot \psi_{M}(M.2)(M \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\Omega_2})$
-(3,1,0)(1,1,0)(2,2,1)(3,2,1)-	$\psi(M^2 \cdot \psi_M(M \cdot 2))$
-(4,2,1)(3,2,1)(4,2,0)	$\psi(M \cdot \psi_M(M \cdot 2))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-$ $-(3,2,1)(4,2,0)(2,2,0)(3,3,1)(4,3,1)-$ $-(5,3,1)(4,3,1)(5,2,0)(3,3,1)(4,3,1)-$ $-(5,3,1)(4,3,1)(5,2,0)$	$\psi(I_{\Omega_2} \cdot 2)$ $\psi(M^2 \cdot \psi_M(M \cdot 2) + \psi_M(M^2 \cdot \psi_M(M \cdot 2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-$ $-(3,2,1)(4,2,0)(2,2,0)(3,3,1)(4,3,1)-$ $-(5,3,1)(4,3,1)(5,2,0)(4,3,0)(5,4,1)-$ $-(6,4,1)(7,4,1)$	$\psi(I_{\Omega_2+\omega})$ $\psi(M^2\cdot\psi_M(M\cdot 2)+M^2\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)-$ $-(3,2,1)(4,2,0)(2,2,0)(3,3,1)(4,3,1)-$ $-(5,3,1)(4,3,1)(5,2,0)(4,3,0)(5,4,1)-$ $-(6,4,1)(7,4,1)(6,4,1)(7,2,0)$	$\psi(I_{\Omega_2 \cdot 2}) \ \psi(M^2 \cdot \psi_M(M \cdot 2) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1)(3,2,1)(4,2,0)(2,2,0)(3,3,1)(4,3,1)(5,3,1)(4,3,1)(5,2,0)(4,3,1)	$\psi(I_{\Omega_2 \cdot \omega})$ $\psi(M^2 \cdot \psi_{\psi_M(M \cdot 3)}(1))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1) - \\ -(3,2,1)(4,2,0)(2,2,0)(3,3,1)(4,3,1) - \\ -(5,3,1)(4,3,1)(5,3,0) \end{array} $	$\psi(I_{\Omega_3}) \ \psi(M^2 \cdot \psi_M(M \cdot 3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(1,1,1)$	$\psi(I_{\Omega_\omega}) \ \psi(M^2 \cdot \psi_M(M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)(5,1,0)(3,2,0)	$\psi(I_{\Omega_{\omega}} + \Omega_{\omega+1})$ $\psi(M^2 \cdot \psi_M(M \cdot \omega) + \psi_M(M \cdot \omega + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)(5,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)(5,1,0)(1,1,1)	$\psi(I_{\Omega_{\omega}}\cdot 2)$ $\psi(M^2\cdot\psi_M(M\cdot\omega)+\psi_M(M^2\cdot\psi_M(M\cdot\omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(4,2,1)(5,1,0)(4,2,0)(5,3,1)-$ $-(6,3,1)(7,3,1)(6,3,1)(7,1,0)(1,1,1)$	$\psi(I_{\Omega_\omega \cdot 2}) \ \psi(M^2 \cdot \psi_M(M \cdot \omega) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)(5,1,0)(4,2,1)	$\psi(I_{\Omega_{\omega} \cdot \omega})$ $\psi(M^2 \cdot \psi_{\psi_M(M \cdot \omega + M)}(1))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,0)(3,2,1)-$ $-(4,2,1)(5,2,1)(4,2,1)(5,2,0)$	$\psi(I_{\Omega_{\omega+1}}) \ \psi(M^2 \cdot \psi_M(M \cdot \omega + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(4,2,1)(5,2,0)(3,2,0)(4,3,1)-$ $-(5,3,1)(6,3,1)(5,3,1)(6,3,0)$	$\psi(I_{\Omega_{\omega+2}})$ $\psi(M^2 \cdot \psi_M(M \cdot \omega + M \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(4,2,1)(5,2,0)(3,2,1)$	$\psi(I_{\Omega_{\omega\cdot 2}})$ $\psi(M^2\cdot\psi_M(M\cdot\omega\cdot 2))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(1,1,1)(2,1,0)(3,2,1)(4,2,1) - \\ -(5,2,1)(4,2,1)(5,2,0)(3,2,1)(4,2,0) - \\ -(5,3,1)(6,3,1)(7,3,1)(6,3,1)(7,3,0) \end{array} $	$\psi(I_{\Omega_{\omega \cdot 2+1}})$ $\psi(M^2 \cdot \psi_M(M \cdot \omega \cdot 2 + M))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(1,1,1)(2,1,0)(3,2,1)(4,2,1) - \\ -(5,2,1)(4,2,1)(5,2,0)(3,2,1)(4,2,0) - \\ -(5,3,1)(6,3,1)(7,3,1) - \\ -(6,3,1)(7,3,0)(5,3,1) \end{array} $	$\psi(I_{\Omega_{\omega\cdot 3}}) \ \psi(M^2\cdot \psi_M(M\cdot \omega\cdot 3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(1,1,1)(2,1,1)$	$\psi(I_{\Omega_{\psi(2)}}) \ \psi(M^2 \cdot \psi_M(M \cdot \psi(2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\psi_I(I)})$ $\psi(M^2 \cdot \psi_{\psi_M(M^2)}(M^2))$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)- $-(4,2,1)(5,2,1)(6,2,1)$	$\psi(I_{\psi_I(I_\omega)})$ $\psi(M^2 \cdot \psi_{\psi_M(M^2)}(M^2 \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(5,2,1)(6,1,0)$	$\psi(I_{\psi_I(I_\Omega)})$ $\psi(M^2 \cdot \psi_{\psi_M(M^2)}(M^2 \cdot \psi_M(M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,0,0)	$\psi(I_I) \ \psi(M^2 \cdot \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,0)(4,0,0)$	$\psi(I_I+I) \ \psi(M^2\cdot\psi_M(M^2)+\psi_M(M^2))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,1,0)-	$\psi(I_I + \psi_{\Omega_{I+1}}(I_2))$
-(3,2,1)(4,2,1)(5,2,0)(6,3,1)(7,3,1)- $-(8,3,0)(7,0,0)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-$	$\psi(M^2 \cdot \psi_M(M^2) + \psi_{\psi_M(M^2+M)}(M^2+M))$
$\begin{array}{c} -(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) - \\ -(5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,1,0) - \\ -(3,2,1)(4,2,1)(5,2,1) \end{array}$	$\psi(I_I + \psi_{\Omega_{I+1}}(I_\omega))$ $\psi(M^2 \cdot \psi_M(M^2) + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,1)(4,2,1)-$ $-(5,1,0)(2,0,0)$	$\psi(I_I + \psi_{\Omega_{I+1}}(I_I))$ $\psi(M^2 \cdot \psi_M(M^2) + \psi_{\psi_M(M^2+M)}(M^2 \cdot \psi_M(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - (3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) - (5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,1,1)	$\psi(I_I + \psi_{\Omega_{I+1}}(I_I + 1))$ $\psi(M^2 \cdot \psi_M(M^2) + \psi_{\psi_M(M^2 + M)}(M^2 \cdot \psi_M(M^2) + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(4,2,0)$	$\psi(I_I + \Omega_{I+1})$ $\psi(M^2 \cdot \psi_M(M^2) + \psi_M(M^2 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - (3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) - (5,2,1)(6,2,1)(5,2,1)(6,1,0)(4,2,1) - (5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,0,0)	$\psi(I_I \cdot 2)$ $\psi(M^2 \cdot \psi_M(M^2) + \psi_M(M^2 \cdot \psi_M(M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(5,2,0)-$ $-(6,3,1)(7,3,1)(8,3,0)(7,0,0)$	$\psi(I_{I+1})$ $\psi(M^2 \cdot \psi_M(M^2) + M^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(5,2,0)-$ $-(6,3,1)(7,3,1)(8,3,1)-$ $-(7,3,1)(8,1,0)(2,0,0)$	$\psi(I_{I\cdot 2}) \ \psi(M^2\cdot \psi_M(M^2)\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(5,2,1)$	$\psi(I_{I\cdot\omega}) \ \psi(M^2\cdot\psi_M(M^2)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)(6,1,0)(7,2,0)	$\psi(I_{\psi_{\Omega_{I+1}}(\Omega_{I+1})})$ $\psi(M^2 \cdot \psi_{\psi_M(M^2+M)}(M^2+M))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\Omega_{I+1}})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^2 \cdot \psi_M(M^2 + M))$
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)	$\psi(M^-\cdot\psi_M(M^-+M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_{I_2})$
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)(4,2,1)-	$\psi(M^2\cdot\psi_M(M^2\cdot 2))$
-(5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,1)-	$\psi(M^-\cdot\psi_M(M^-\cdot 2))$
-(8,3,1)(9,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_{\Omega_{I_{lpha+1}}})$
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)(4,2,1)-	$\psi(M^2 \cdot \psi_M(M^2 \cdot 2 + M))$
-(5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,1)-	$\psi(M^2 \cdot \psi_M(M^2 \cdot 2 + M))$
-(8,3,1)(9,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{I_\omega})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(M^2\cdot\psi_M(M^2\cdot\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)-	$\psi(I_{I_\Omega})$
-(3,1,1)(2,1,1)(3,1,0)	$\psi(M^2\cdot\psi_M(M^2\cdot\psi_M(M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_{I_I})$
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)(4,2,1)	$\psi(M^2\cdot\psi_M(M^2\cdot\psi_M(M^2)))$
-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I_{I_{\Omega_{I+1}}})$
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)(4,2,1)	$\psi(M^2 \cdot \psi_M(M^2 \cdot \psi_M(M^2 + M)))$
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	ab(I)
-(3,1,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{I_{I_{\omega}}})$
-(3,1,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(M^2\cdot\psi_M(M^2\cdot\psi_M(M^2\cdot\omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{I_{I_\Omega}})$
-(3,1,0)(1,1,1)(2,1,1)-	$\psi(M^2\cdot \psi_M(M^2\cdot \psi_M(M^2\cdot \psi_M(M))))$
-(3,1,1)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M^3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + \Omega_{\psi_{I(1,0)}(I(1,0))+2})$
-(3,1,0)(2,1,0)(3,2,0)(4,3,0)	$\psi(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M \cdot 2))$
(-,-,-,(-,-,-,-,(-,-,-,-,(-,-,-,-,-,-,-	$\psi(1^{\prime\prime} + \psi_M(1^{\prime\prime} + \psi_M(M^{\circ})(1^{\prime\prime} +) + 1^{\prime\prime} + 2))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + \Omega_{\psi_{I(1,0)}(I(1,0))+\omega})$
-(3,1,0)(2,1,0)(3,2,1)	$\psi(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))+1})$
-(3,1,0)(2,1,0)(3,2,1)-	$\psi(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2))$
-(4,2,1)(5,2,0)(4,0,0)	$\psi(M + \psi_M(M \cdot \psi_{\psi_M(M^3)}(M) + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))+\omega})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2 \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))\cdot 2})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 + \psi_{\psi_M(M^3)}(M^3)))$
-(5,2,1)(4,2,1)(5,1,0)(2,0,0)	$\psi(M + \psi_{M}(M^{3})(M + \psi_{M}(M^{3})(M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))\cdot 3})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 + \psi_{\psi_M(M^3)}(M^3) \cdot 2))$
-(4,2,1)(5,1,0)(4,2,1)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))\cdot\omega})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 +$
-(5,2,1)(4,2,1)(5,1,0)(5,0,0)	$\psi_{\psi_M(M^2\cdot\psi_{\psi_M(M^3)}(M^3)+M)}(1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\Omega_{\psi_{I(1,0)}(I(1,0))}+1})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 +$
-(5,2,1)(4,2,1)(5,2,0)	$\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\psi_{I_{(1,0)}(I(1,0))+1}(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))+1})})$
$\begin{array}{c} (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) \\ -(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) \end{array}$	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) +$
-(4,2,1)(5,2,0)(3,2,1)-	$M \cdot \psi_{\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2)}(M^3 + M^3)$
-(4,2,1)(5,2,0)(4,0,0)	
	$\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2)))))$ $\psi(I(1,0) + I_{\psi_M(M^3)}(M^3) + M^2)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\psi_{I_{\psi_{I(1,0)}(I(1,0))+1}}(I(1,0) + \Omega_{I_{\psi_{I(1,0)}(I(1,0))+1}+1})})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) +$
-(4,2,1)(5,2,0)(3,2,1)	$M \cdot \psi_{\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2)} (M^3 +$
-(4,2,1)(5,2,0)(6,3,0)	$\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2 + M)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\psi_{I_{\psi_{I(1,0)}(I(1,0))+1}}(I(1,0)+I_{\psi_{I(1,0)}(I(1,0))+\omega})})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) +$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)(5,2,0)-	$M \cdot \psi_{\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2)}(M^3 +$
-(6,3,1)(7,3,1)(8,3,1)	$\psi_{M}(M^{2}\cdot\psi_{\psi_{M}(M^{3})}(M^{3})+M^{2}\cdot\omega)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\gamma M (22 \gamma \psi M(M^2)(212) + 212 \omega)))))$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(1,0) + I_{\psi_{I_{\psi_{I(1,0)}(I(1,0))+1}}(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))\cdot 2}))$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) +$
-(6,3,1)(7,3,1)(8,3,1)(7,3,1)(8,1,0)-	$M \cdot \psi_{\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2)}(M^3 +$
-(1,1,1)(2,1,1)(3,1,1)-	$\psi_{\psi_{M}(M^{3})}(M^{3} + \psi_{\psi_{M}(M^{3})}(M^{3})))))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi_M(M^\circ)(M^\circ)(M^\circ)(M^\circ)(M^\circ)(M^\circ)(M^\circ)(M^\circ$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{\psi_{I_{\psi_{I(1,0)}(I(1,0))+1}}(I(1,0)+I_{\Omega_{\psi_{I(1,0)}(I(1,0))+1}}))$
$ \begin{vmatrix} (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) - (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) - (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) - (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) - (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) - (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) - (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) - (3,1,0)(2,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) - (3,1,0)(2,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) - (3,1,0)(2,1,$	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) +$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)(5,2,0)-	$M \cdot \psi_{\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2)}(M^3 +$
-(6,3,1)(7,3,1)(8,3,1)(7,3,1)(8,2,0)	$\psi_{\psi_M(M^3)}(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi_{M}(M^{3})(M^{2} + \psi_{M}(M^{2} \cdot \psi_{M}(M^{3})(M^{2}) + M^{2})))))$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(1,0) + I_{I_{\psi_{I(1,0)}(I(1,0))+1}})$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 +$
(6,3,1)(7,3,1)(8,3,1)	
-(7,3,1)(8,2,0)(4,0,0)	$\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$g(I(1,0) \perp I_0$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(I(1,0) + I_{\Omega_{I_{\psi_{I(1,0)}(I(1,0))+1}+1}})$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)(5,2,0)-	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 +$
-(6,3,1)(7,3,1)(8,3,1)(7,3,1)(8,3,0)	$\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2 + M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) + I_{I_{\psi_{I(1,0)}(I(1,0))+\omega}})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 +$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)(5,2,1)	$\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M^2 \cdot \omega)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(1,0) + I_{I_{\Omega_{\psi_{I(1,0)}(I(1,0))}+1}})$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)-	$\psi(M^3 + \psi_{\psi_M(M^3)}(M^3 +$
-(5,2,1)(4,2,1)(5,2,0)	$\psi_{\psi_M(M^3)}(M^3 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3) + M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)\cdot 2)$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^3 + \psi_M(M^3))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M + \psi_M(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)\cdot 2 + \Omega_{\psi_{I(1,0)}(I(1,0)\cdot 2)+1})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^3 + \psi_M(M^3) +$
-(5,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,0)	$\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 + \psi_M(M^3)) + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) \cdot 2 + I_{\psi_{I(1,0)}(I(1,0)\cdot 2)+1})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(M^3 + \psi_M(M^3) +$
-(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	$\psi_{M}(M^{2}\cdot\psi_{\psi_{M}(M^{3})}(M^{3}+\psi_{M}(M^{3}))+M^{2}))$
-(6,3,1)(7,3,0)(6,0,0)	$\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 + \psi_M(M^3)) + M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)\cdot 2 + I_{\psi_{I(1,0)}(I(1,0)\cdot 2)+\omega})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(M^3 + \psi_M(M^3) +$
-(4,2,1)(5,2,0)(4,2,0)-	$\psi_{M}(M^{2}\cdot\psi_{\psi_{M}(M^{3})}(M^{3}+\psi_{M}(M^{3}))+M^{2}\cdot\omega))$
-(5,3,1)(6,3,1)(7,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)\cdot 2 + I_{\Omega_{\psi_{I(1,0)}(I(1,0)\cdot 2)+1}})$
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(M^3 + \psi_M(M^3) + \psi_{\psi_M(M^3)}(M^3 +$
-(4,2,1)(5,2,0)(4,2,0)(5,3,1)(6,3,1)-	$\psi_M(M^3) + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)})$
-(7,3,1)(6,3,1)(7,3,0)	$(M^3 + \psi_M(M^3)) + M)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\psi(I(1,0)\cdot 3)$
-(4,2,1)(5,2,0)(4,2,0)(5,3,1)(6,3,1)	$\psi(M^3 + \psi_M(M^3) \cdot 2)$
-(7,3,1)(6,3,1)(7,3,0)(6,0,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(1,0)\cdot 4)$
-(4,2,1)(5,2,0)(4,2,0)(5,3,1)(6,3,1)-	
-(7,3,1)(6,3,1)(7,3,0)(6,3,0)(7,4,1)	$\psi(M^3 + \psi_M(M^3) \cdot 3)$
-(8,4,1)(9,4,1)(8,4,1)(9,4,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0)\cdot\omega)$
-(2,1,1)(3,1,0)(2,1,1)	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I(1,0) \cdot \omega + I(1,0))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^3 + \psi_{\psi_M(M^3 + M)}(1) + \psi_M(M^3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(2,1,0)(3,2,1)(4,2,1)-	$\psi(I(1,0)\cdot\omega+I(1,0)\cdot2)$
-(5,2,1)(4,2,1)(5,2,0)(4,2,0)(5,3,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(1) + \psi_M(M^3) \cdot 2)$
-(6,3,1)(7,3,1)(6,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)\cdot\omega\cdot2)$
-(3,1,0)(2,1,1)(2,1,0)(3,2,1)(4,2,1)-	
-(5,2,1)(4,2,1)(5,2,0)(4,2,1)	$\psi(M^3 + \psi_{\psi_M(M^3 + M)}(1) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0)\cdot\psi(2))$
-(2,1,1)(3,1,0)(2,1,1)(2,1,1)	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0)\cdot\Omega)$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)	$\psi(M^3 + \psi_{\psi_M(M^3 + M)}(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,0)\cdot I_\omega)$
-(1,1,1)(2,1,1)(3,1,1)	$\psi(M^3 + \psi_{\psi_M(M^3 + M)}(M^2 \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	-\(\langle I(1,0)\)
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)	$\psi(I(1,0)\cdot\psi_{I(1,0)}(I(1,0)))$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^3 + \psi_{\psi_M(M^3 + M)}(M^2 \cdot \psi_{\psi_M(M^3)}(M^3)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0) \cdot \psi_{I(1,0)}(I(1,0) \cdot \omega))$
-(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^2 \cdot \psi_{\psi_M(M^3)})$
-(3,1,1)(2,1,1)(3,1,0)(2,1,1)	$(M^3 + \psi_{\psi_M(M^3+M)}(1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)	$\psi(I(1,0) \cdot \psi_{I(1,0)}(I(1,0) \cdot \Omega))$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1) - \end{vmatrix} $	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^2 \cdot \psi_{\psi_M(M^3)})$
$\begin{bmatrix} -(3,1,0)(2,1,1)(3,1,0)(1,1,1)(2,1,1) - \\ -(3,1,1)(2,1,1)(3,1,0)(2,1,1)(3,1,0) \end{bmatrix}$	7 7
	$(M^3 + \psi_{\psi_M(M^3+M)}(M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^2)$
-(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3))$

BMS	反射 OCF (Buchholz-like)
	$\psi(I(1,0)^2 + \Omega_{\psi_{I(1,0)}(I(1,0)^2)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,0)	$\psi_M(M^2\cdot\psi_{\psi_M(M^3)}(M^3+$
	$\psi_{\psi_M(M^3+M)}(M^3))+M))$
	$\psi(I(1,0)^2 + I_{\psi_{I(1,0)}(I(1,0)^2)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0) - (3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi_M(M^2\cdot\psi_{\psi_M(M^3)}(M^3+$
-(3,2,1)(4,2,1)(3,2,0)(4,0,0)	$\psi_{\psi_M(M^3+M)}(M^3)) + M^2))$
()	$\psi(I(1,0)^2 + I_{\psi_{I(1,0)}(I(1,0)^2) + \omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0) - (3,2,1)(4,2,1)(5,2,1)	$\psi_M(M^2\cdot\psi_{\psi_M(M^3)}(M^3+$
-(0,2,1)(4,2,1)(0,2,1)	$\psi_{\psi_M(M^3+M)}(M^3)) + M^2 \cdot \omega))$
	$\psi(I(1,0)^2 + I_{\Omega_{\psi_{I(1,0)}(I(1,0)^2)+1}})$
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \right $	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi_{\psi_M(M^3)}(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)	$\psi_M(M^2\cdot\psi_{\psi_M(M^3)}(M^3+$
	$\psi_{\psi_M(M^3+M)}(M^3))+M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^2 + I(1,0))$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) + \psi_M(M^3))$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^2 + \psi\psi_M(M^0 + M)(M^2) + \psi_M(M^2))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1) - \end{array} $	$\psi(I(1,0)^2 + I(1,0) \cdot \omega)$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,2,1)	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) + \psi_{\psi_M(M^3+M)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^2 + I(1,0) \cdot \Omega_{\psi_{I(1,0)}(I(1,0)^2)+1})$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(4,2,1)(5,2,1)(4,2,1)-	$\psi_{\psi_{M}(M^{3}+M)}(M^{2}\cdot\psi_{\psi_{M}(M^{3})}(M^{3}+$
-(5,2,0)(4,2,1)(5,2,0)	$\psi_{\psi_M(M^3+M)}(M^3)) + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\frac{\psi_{\psi_M(M^3+M)}(M^3)) + M)}{\psi(I(1,0)^2 + I(1,0) \cdot I_{\psi_{I(1,0)}(I(1,0)^2) + \omega})}$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,2,1)-	$\psi_{\psi_M(M^3+M)}(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 +$
-(5,2,0)(3,2,1)(4,2,1)(5,2,1)	$\psi_{\psi_M(M^3+M)}(M^3))+M^2\cdot\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^2 + I(1,0) \cdot I_{\Omega_{\psi_{I(1,0)}(I(1,0)^2)+1}})$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,2,1)-	$\psi_{\psi_M(M^3+M)}(M^2 \cdot \psi_M(M^2 \cdot \psi_{\psi_M(M^3)})(M^3 + \psi_{\psi_M(M^3+M)})(M^3 + \psi_{\psi_M(M^3+M)$
-(5,2,0)(3,2,1)(4,2,1)-	$\psi_{\psi_M(M^3+M)}(M^2 \psi_M(M^3)(M^3))$ $\psi_{\psi_M(M^3+M)}(M^3))+M)))$
-(5,2,1)(4,2,1)(5,2,0)	$\forall \psi_M(M^3+M)(1^{VL}) + 1^{VL})))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^2 + I(1,0)\cdot$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi_{I(1,0)}(I(1,0)^2 + I(1,0)))$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,2,1)	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(5,2,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi_{\psi_{M}(M^{3}+M)}(M^{2}\cdot\psi_{\psi_{M}(M^{3})}(M^{3}+$
-(4,2,1)(5,2,0)(4,0,0)	$\psi_{\psi_M(M^3+M)}(M^3) + \psi_M(M^3))))$
(0.0.0)(1.1.1)(0.1.1)(0.1.1)	$\psi_{M}(M^{3+M})(M^{-}) + \psi_{M}(M^{-}))))$ $\psi(I(1,0)^{2} + I(1,0) \cdot$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)	$\psi_{I(1,0)}(I(1,0)^2 + I(1,0) \cdot \omega))$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
$\begin{bmatrix} -(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,2,1) - \\ -(5,2,0)(3,2,1)(4,2,1)(5,2,1) - \end{bmatrix}$	$\psi(M^3 + \psi_{\psi_M(M^3 + M)}(M^3) +$
$\begin{array}{c c} -(5,2,0)(5,2,1)(4,2,1)(5,2,1) - \\ -(4,2,1)(5,2,0)(4,2,1) \end{array}$	$\psi_{\psi_M(M^3+M)}(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 +$
(4,2,1)(6,2,0)(4,2,1)	$\psi_{\psi_M(M^3+M)}(M^3) + \psi_{\psi_M(M^3+M)}(1))))$
	$\psi(I(1,0)^2 + I(1,0) \cdot \psi_{I(1,0)}(I(1,0)^2 +$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$I(1,0)\cdot\Omega_{\psi_{I(1,0)}(I(1,0)^2)+1}))$
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,2,1)	$\psi_{\psi_M(M^3+M)}(M^2\cdot$
-(5,2,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)-	$\psi_{\psi_M(M^3)}(M^3 + \psi_{\psi_M(M^3+M)}(M^3) +$
-(5,2,0)(4,2,1)(5,2,0)	$\psi_{\psi_M(M^3+M)}(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 +$
	$\psi_{\psi_M(M^3+M)}(M^3)) + M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	(\psi M (\frac{12}{2} \cdot \frac{12}{2}) \cdot \frac{1}{2} \cdot
-(3,1,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)	$\psi(I(1,0)^2 \cdot 2)$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3) \cdot 2)$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^2\cdot\omega)$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)	$\psi(M^3 + \psi_{\psi_M(M^3 + M)}(M^3 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^3)$
-(3,1,0)(2,1,1)(3,1,0)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3 + \psi_M(M^3)))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(\mathcal{M} + \psi_{M}(M^{s}+M)(\mathcal{M} + \psi_{M}(\mathcal{M})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^4)$
-(3,1,0)(2,1,1)(3,1,0)(2,1,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3 + \psi_M(M^3) \cdot 2))$
-(3,1,0)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0)^{\omega})$
-(2,1,1)(3,1,0)(3,0,0)	$\frac{\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3 + \psi_{\psi_M(M^3+M)}(1)))}{\psi(I(1,0)^{\Omega})}$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)	
-(2,1,1)(3,1,0)(3,1,0)	$\psi(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M)))$ $\psi(I(1,0)^{\psi_{I(1,0)}(I(1,0))})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(3,1,0)(1,1,1)(2,1,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3 +$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^3+M)}(M^2 \cdot \psi_{\psi_M(M^3)}(M^3))))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^{\psi_{I(1,0)}(I(1,0)^2)})$
-(3,1,0)(3,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3 +$
-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^3+M)}(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 + \psi_M(M^3)))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(3,1,0)(1,1,1)(2,1,1)-$ $-(3,1,1)(2,1,1)(3,1,0)(3,0,0)$	$\psi_{\psi_{M}(M^{3}+M)}(M^{2} \cdot \psi_{\psi_{M}(M^{3})}(M^{3} + \psi_{M}(M^{3})))))$ $\psi(I(1,0)^{\psi_{I(1,0)}(I(1,0)^{\omega})})$ $\psi(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{2} \cdot \psi_{\psi_{M}(M^{3})} + \psi_{\psi_{M}(M^{3}+M)}(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(1)))))$ $\psi(I(1,0)^{\psi_{I(1,0)}(I(1,0)^{\Omega})})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(3,1,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(3,1,0)	$\psi(I(1,0)^{\psi_{I(1,0)}(I(1,0)^{-1})})$ $\psi(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{2} \cdot \psi_{\psi_{M}(M^{3})})$ $(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M)))))$ $\psi(I(1,0)^{I(1,0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(3,1,0)(2,0,0)$	$\psi(I(1,0)^{I(1,0)})$ $\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3 + \psi_{\psi_M(M^3+M)}(M^3)))$ $\psi(I(1,0)^{I(1,0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(3,1,0)(2,1,1)(3,1,0)(2,0,0)$	$\psi(I(1,0)^{I(1,0)+1})$ $\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3 + \psi_{\psi_M(M^3+M)}(M^3) + \psi_M(M^3)))$ $\psi(I(1,0)^{I(1,0)\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0)^{I(1,0)\cdot 2})$
-(3,1,0)(3,1,0)(2,1,1)-	$\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3 +$
-(3,1,0)(3,1,0)(2,0,0)	$\psi_{\psi_M(M^3+M)}(M^3)\cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(3,1,0)(3,0,0)$	$\psi_{\psi_{M}(M^{3}+M)}(M^{3}) \cdot 2))$ $\psi(I(1,0)^{I(1,0) \cdot \omega})$ $\psi(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{3} + 1)))$ $\psi(I(1,0)^{I(1,0)^{2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) $-(3,1,0)(3,1,0)(3,1,0)(2,0,0)$	$\psi(I(1,0)^{I(1,0)^{2}})$ $\psi(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{3} + \psi_{M}(M^{3}))))$ $\psi(I(1,0)^{I(1,0)^{\omega}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(4,0,0)$	$\psi(I(1,0)^{I(1,0)^{\omega}})$ $\psi(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(M^{3} + \psi_{\psi_{M}(M^{3}+M)}(1))))$ $\psi(I(1,0)^{I(1,0)^{I(1,0)^{I(1,0)}}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(4,1,0)(2,0,0)$	$\psi(I(1,0)^{I(1,0)^{I(1,0)}})$ $\psi(M^3 + \psi_{\psi_M(M^3+M)}(M^3 + \psi_{\psi_M(M^3+M)}(M^3 + \psi_{\psi_M(M^3+M)}(M^3))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{I(1,0)+1})$
-(2,1,1)(3,1,0)(4,2,0)	$\psi(M^3+M)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)	$\psi(\Omega_{I(1,0)+1} + I_{\Omega})$ $\psi(M^3 + M + \psi_M(M^2 \cdot \psi_M(M)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(4,2,0)(1,1,1)(2,1,1) - \\ -(3,1,1)(2,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(\Omega_{I(1,0)+1} + \psi_{I(1,0)}(I(1,0)))$ $\psi(M^3 + M + \psi_{\psi_M(M^3)}(M^3))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(4,2,0)(1,1,1)(2,1,1) - \\ -(3,1,1)(2,1,1)(3,1,0)(2,1,1) \end{array} $	$\psi(\Omega_{I(1,0)+1} + \psi_{I(1,0)}(I(1,0) \cdot \omega))$ $\psi(M^3 + M + \psi_{\psi_M(M^3)}(M^3 + \psi_{\psi_M(M^3+M)}(1)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(4,2,0)(1,1,1)(2,1,1) - \\ -(3,1,1)(2,1,1)(3,1,0)(4,2,0) \end{array} $	$\psi(\Omega_{I(1,0)+1} + \psi_{I(1,0)}(\Omega_{I(1,0)+1}))$ $\psi(M^3 + M + \psi_{\psi_M(M^3)}(M^3 + M))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(4,2,0)(1,1,1)(2,1,1) - \\ -(3,1,1)(2,1,1)(3,1,0)(4,2,0) \end{array} $	$\psi(\Omega_{I(1,0)+1} + \psi_{I(1,0)}(\Omega_{I(1,0)+1}))$ $\psi(M^3 + M + \psi_{\psi_M(M^3)}(M^3 + M))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(4,2,0)(2,0,0) \end{array} $	$\psi(\Omega_{I(1,0)+1} + \psi_{\Omega_{\psi_{I(1,0)}(\Omega_{I(1,0)+1})+1}}(1))$ $\psi(M^3 + M + \psi_{\psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 + M) + M)}(1))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(4,2,0)(2,1,0)(1,1,1)(2,1,1) - \\ -(3,1,1)(2,1,1)(3,1,0)(4,2,0) \end{array} $	$\psi(\Omega_{I(1,0)+1} + \psi_{\Omega_{\psi_{I(1,0)}}(\Omega_{I(1,0)+1})+1}(\Omega_{I(1,0)+1}))$ $\psi(M^3 + M + W_{\psi_{M}(M^2 \cdot \psi_{\psi_{M}(M^3)}(M^3 + M) + M})(M^3 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)(2,1,0)(3,2,0)	$\psi(\Omega_{I(1,0)+1} + \Omega_{\psi_{I(1,0)}(\Omega_{I(1,0)+1})+1})$ $\psi(M^3 + M + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 + M) + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-$ $-(4,2,1)(5,2,0)(4,0,0)$	$\psi(\Omega_{I(1,0)+1} + I_{\psi_{I(1,0)}(\Omega_{I(1,0)+1})+1})$ $\psi(M^3 + M + W_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 + M) + M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(4,2,0)(2,1,0)-$ $-(3,2,1)(4,2,1)(5,2,1)$	$\psi(\Omega_{I(1,0)+1} + I_{\psi_{I(1,0)}(\Omega_{I(1,0)+1})+\omega})$ $\psi(M^3 + M + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 + M) + M^2 \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-$ $-(4,2,1)(5,2,1)(4,2,1)(5,2,0)$	$\psi(\Omega_{I(1,0)+1} + I_{\Omega_{\psi_{I(1,0)}}(\Omega_{I(1,0)+1})+1})$ $\psi(M^3 + M + \psi_{\psi_M(M^3)}(M^3 + M + \psi_M(M^2 \cdot \psi_{\psi_M(M^3)}(M^3 + M) + M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(\Omega_{I(1,0)+1} + I(1,0))$ $\psi(M^3 + M + \psi_M(M^3))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I(1,0)+1} + I(1,0) \cdot \omega)$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^3 + M + \psi_{\psi_M(M^3+M)}(1))$
-(5,2,1)(4,2,1)(5,2,0)(4,2,1)	$\psi(M + M + \psi_{M}(M^{\circ}+M)(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I(1,0)+1} + \psi_{\Omega_{I(1,0)+1}}(\Omega_{I(1,0)+1}))$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^3 + M + \psi_{\psi_M(M^3+M)}(M^3 + M))$
-(5,2,1)(4,2,1)(5,2,0)(6,3,0)	7.2.
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I(1,0)+1} + \psi_{\Omega_{I(1,0)+1}}(\Omega_{I(1,0)+1} + 1))$
-(3,1,0)(4,2,0)(2,1,1)	$\psi(M^3 + M + \psi_{\psi_M(M^3 + M)}(M^3 + M + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I(1,0)+1}\cdot 2)$
-(3,1,0)(4,2,0)(4,2,0)	$\psi(M^3 + M + \psi_M(M^3 + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I(1,0)+2})$
-(3,1,0)(4,2,0)(5,3,0)	$\psi(M^3 + M \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{I(1,0)+\omega})$
-(2,1,1)(3,1,0)(4,2,1)	$\psi(M^3+M\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{I(1,0)+1})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(M^3+M^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I_{I(1,0)+1}+1})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,0)(7,3,0)	$\psi(M^3 + M^2 + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{I(1,0)+\omega})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M^3 + M^2 \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{I(1,0)+\omega})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M^3 + M^2 \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{I(1,0)\cdot 2})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(M^3 + M^2 \cdot \psi_M(M^3))$
-(5,2,1)(6,1,0)(2,0,0)	$\psi(M+M\cdot\psi_M(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{\Omega_{I(1,0)+1}})$
-(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^3 + M^2 \cdot \psi_M(M^3 + M))$
-(6,2,1)(5,2,1)(6,2,0)	7 (0.2 0.2 7 M (0.2 0.2))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,1))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^3 \cdot 2)$
$ \begin{array}{c c} -(5,2,1)(6,2,0)(5,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \end{array} $	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	
$\begin{array}{c c} -(5,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1) \\ -(6,2,0)(5,0,0)(1,1,1)(2,1,1)(3,1,0) -\end{array}$	
-(4,2,1)(5,2,1)(6,2,1)(5,2,1)(6,2,0)-	$\psi(I(1,1)+I)$
-(7,3,1)(8,3,1)(9,3,1)(8,3,1)(9,3,0)-	$\psi(M^3 \cdot 2 + \psi_M(M^2))$
-(8,0,0)(2,1,0)(3,2,1)-	
-(4,2,1)(5,2,0)(4,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,1)+I_{\omega})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(M^3 \cdot 2 + \psi_M(M^2 \cdot \omega))$
-(6,2,0)(5,0,0)(1,1,1)(2,1,1)(3,1,1)	$\psi(M \cdot Z + \psi_M(M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,1) + \psi_{I(1,0)}(I(1,1)))$
-(6,2,0)(5,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M^3 \cdot 2 + \psi_{\psi_M(M^3)}(M^3 \cdot 2))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(W + Z + \psi_{M}(M^{\circ})(W + Z))$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,1) + I(1,0))$
-(6,2,0)(5,0,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^3 \cdot 2 + \psi_M(M^3))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,1) + \psi_{\Omega_{I(1,\Omega)+1}}(I(1,1)))$
-(6,2,0)(5,0,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^3 \cdot 2 + \psi_{\psi_M(M^2 \cdot \psi_M(M^3) + M)}(M^3 \cdot 2))$
-(5,2,1)(4,2,1)(5,2,0)(6,3,1)(7,3,1)-	$\psi(M \cdot 2 + \psi_{M}(M^{2} \cdot \psi_{M}(M^{3}) + M)(M \cdot 2))$
-(8,3,1)(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,1) + \psi_{\Omega_{I(1,0)+1}}(I(1,1)+1))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^3 \cdot 2 + \psi_{\psi_M(M^2 \cdot \psi_M(M^3) + M)}(M^3 \cdot 2 + 1))$
-(5,2,1)(6,2,0)(5,0,0)(2,1,1)	$\psi(M \cdot 2 + \psi_{\psi_M(M^2 \cdot \psi_M(M^3) + M)}(M \cdot 2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,1) + \Omega_{I(1,0)+1})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^3 \cdot 2 + \psi_M(M^2 \cdot \psi_M(M^3) + M))$
-(5,2,1)(6,2,0)(5,0,0)(4,2,0)	$\psi(M \cdot 2 + \psi_M(M \cdot \psi_M(M \cdot) + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,1) + \psi_{I(1,1)}(I(1,1)))$
-(6,2,0)(5,0,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^3 \cdot 2 + \psi_{\psi_M(M^3 \cdot 2)}(M^3 \cdot 2))$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,1) + \Omega_{\psi_{I(1,1)}(I(1,1))+1})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(M^3 \cdot 2 + \psi_M(M^2 \cdot \psi_{\psi_M(M^3 \cdot 2)}(M^3 \cdot 2) + M))$
-(6,2,0)(5,2,0)(6,3,0)	$\psi(M \cdot Z + \psi_M(M \cdot \psi_{\psi_M(M^{3.2})}(M \cdot Z) + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,1)\cdot 2)$
-(6,2,0)(5,2,0)(6,3,1)(7,3,1)(8,3,1)-	$\psi(M^3 \cdot 2 + \psi_M(M^3 \cdot 2))$
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,1)\cdot\omega)$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^3 \cdot 2 + \psi_{\psi_M(M^3 \cdot 2 + M)}(1))$
-(5,2,1)(6,2,0)(5,2,1)	$\psi(M \cdot 2 + \psi_{M}(M^{3} \cdot 2 + M)(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I(1,1)+1})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi^{(dS_I(1,1)+1)}$ $\psi(M^3 \cdot 2 + M)$
-(5,2,1)(6,2,0)(7,3,0)	$\psi(M \cdot Z + M)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,2))$
-(6,2,0)(7,3,1)(8,3,1)(9,3,1)-	$\psi(M^3\cdot 3)$
-(8,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,2) + I(1,0))$
-(6,2,0)(7,3,1)(8,3,1)(9,3,1)(8,3,1)-	
-(9,3,0)(8,0,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(M^3 \cdot 3 + \psi_M(M^3))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,2) + I(1,1))$
-(6,2,0)(7,3,1)(8,3,1)(9,3,1)(8,3,1)-	
-(9,3,0)(8,0,0)(5,2,0)(6,3,1)(7,3,1)-	$\psi(M^3\cdot 3 + \psi_M(M^3\cdot 2))$
-(8,3,1)(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,2)\cdot 2)$
-(6,2,0)(7,3,1)(8,3,1)(9,3,1)(8,3,1)-	
-(9,3,0)(8,0,0)(8,3,0)(9,4,1)(10,4,1)-	$\psi(M^3 \cdot 3 + \psi_M(M^3 \cdot 3))$
-(11,4,1)(10,4,1)(11,4,0)(10,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	$\psi(I(1,3))$
-(6,2,0)(7,3,1)(8,3,1)(9,3,1)(8,3,1)-	
-(9,3,0)(10,4,1)(11,4,1)(12,4,1)-	$\psi(M^3\cdot 4)$
-(11,4,1)(12,4,0)(11,0,0)	
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I(1,\omega))$
-(3,1,1)(2,1,1)(3,1,1)	$\psi(M^3\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,\omega) + \psi_{I(1,0)}(I(1,\omega)))$
-(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^3 \cdot \omega + \psi_{\psi_M(M^3)}(M^3 \cdot \omega))$
-(6,2,1)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,\omega)+I(1,0))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-	
-(6,2,1)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(M^3 \cdot \omega + \psi_M(M^3))$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,\omega) + \Omega_{I(1,0)+1})$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^3 \cdot \omega + \psi_M(M^3 + M))$
-(5,2,1)(6,2,1)(4,2,0)	

BMS	反射 OCF (Buchholz-like)
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-\\ -(3,1,1)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-\\ -(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-\\ -(6,2,1)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-\\ -(6,2,0)(7,3,1)(8,3,1)-\\ -(9,3,1)(8,3,1)(9,3,1)$	$\psi(I(1,\omega) + \psi_{I(1,1)}(I(1,\omega)))$ $\psi(M^3 \cdot \omega + \psi_{\psi_M(M^3 \cdot 2)}(M^3 \cdot \omega))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,1)(1,1,1)(2,1,1)(3,1,1)(2,1,1) - \\ -(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1) - \\ -(6,2,1)(4,2,1)(5,2,1)(6,2,1)(5,2,1) - \\ -(6,2,0)(7,3,1)(8,3,1)(9,3,1)(8,3,1) - \\ -(9,3,1)(5,2,0)(6,3,1)(7,3,1) - \\ -(8,3,1)(7,3,1)(8,3,0)(7,0,0) \end{array} $	$\psi(I(1,\omega)+I(1,1))$ $\psi(M^3\cdot\omega+\psi_M(M^3\cdot2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(I(1,\omega)\cdot 2)$ $\psi(M^3\cdot\omega+\psi_M(M^3\cdot\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(2,1,0)(3,2,0)$	$\psi(\Omega_{I(1,\omega)+1})$ $\psi(M^3 \cdot \omega + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,1)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(4,2,1)(5,2,0)(4,0,0)$	$\psi(I(1,\omega+1))$ $\psi(M^3 \cdot \omega + M^3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,1)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-$ $-(4,2,1)(5,2,0)(6,3,1)(7,3,1)(8,3,1)-$ $-(7,3,1)(8,3,0)(7,0,0)$	$\psi(I(1,\omega+2))$ $\psi(M^3 \cdot \omega + M^3 \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- -(3,1,1)(2,1,0)(3,2,1)(4,2,1)- -(5,2,1)(4,2,1)(5,2,1)	$\psi(I(1,\omega\cdot 2)) \ \psi(M^3\cdot\omega\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (2,1,1)(3,1,1)(2,1,1)	$\psi(I(1,\psi(2))) \ \psi(M^3 \cdot \psi(2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(2,1,1)(3,1,0)$	$\psi(I(1,\Omega)) \ \psi(M^3 \cdot \psi_M(M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-$ $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-$ $-(6,2,1)(5,2,1)(6,1,0)(2,0,0)$	$\psi(I(1,I)) \ \psi(M^3 \cdot \psi_M(M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)- $-(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-$ $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)-$ $-(6,2,1)(5,2,1)(6,2,0)$	$\psi(I(1,\Omega_{I+1})) \ \psi(M^3 \cdot \psi_M(M^2 + M))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,I_\omega))$
-(3,1,1)(2,1,1)(3,1,0)-	$\psi(M^3\cdot\psi_M(M^2\cdot\omega))$
-(1,1,1)(2,1,1)(3,1,1)	$\psi(M \cdot \psi_M(M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(1,1,1)(2,1,1)-	$\psi(I(1,I(1,0)))$
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^3\cdot\psi_M(M^3))$
-(6,2,1)(5,2,1)(6,2,1)-	φ (1.1 φ M (1.1 $)$)
-(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,I(1,\omega)))$
-(3,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(M^3\cdot\psi_M(M^3\cdot\omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(2,0))$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(2,0)\cdot\omega)$
-(3,1,1)(2,1,1)(3,1,0)(2,1,1)	$\psi(M^4 + \psi_{\psi_M(M^4+M)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(\Omega_{I(2,0)+1})$
-(3,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(M^4+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I_{I(2,0)+1})$
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^4 + M^2)$
-(5,2,1)(6,2,0)(5,0,0)	$\psi(M+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1, I(2, 0) + 1))$
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^4+M^3)$
-(6,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(m+m)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	(7(2,1))
-(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1-	$\psi(I(2,1))$
-)(6,2,1)(5,2,1)(6,2,1)-	$\psi(M^4\cdot 2)$
-(5,2,1)(6,2,0)(5,0,0)	(77
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(2,\omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(M^4 \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(3,0))$
-(3,1,1)(2,1,1)(3,1,1)-	$\psi(M^5)$
-(2,1,1)(3,1,0)(2,0,0)	γ ()
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(4,0))$
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(M^6)$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)	$\psi(I(\omega,0))$
	$\psi(M^\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega,0)\cdot 2)$
-(3,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)	$\psi(M^\omega + \psi_M(M^\omega))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{I(\omega,0)+1})$
-(3,0,0)(2,1,0)(3,2,0)	$\psi(M^\omega+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I_{I(\omega,0)+1})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^\omega+M^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(1,I(\omega,0)+1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	
-(4,2,1)(5,2,0)(4,0,0)	$\psi(M^{\omega}+M^3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(2,I(\omega,0)+1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)-	$\psi(M^\omega+M^4)$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(\omega,1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)	$\psi(M^\omega \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(\omega,2))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)-	$\psi(M^\omega\cdot 3)$
-(4,2,0)(5,3,1)(6,3,1)(7,3,1)(7,0,0)	. ,
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I(\omega,\omega))$
-(3,1,1)(3,0,0)(2,1,1)	$\psi(M^\omega \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega+1,0))$
-(3,0,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega+1,0)\cdot\omega)$
-(3,0,0)(2,1,1)(3,1,0)(2,1,1)	$\psi(M^{\omega+1} + \psi_M(M^{\omega+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{I(\omega+1,0)+1})$
-(3,0,0)(2,1,1)(3,1,0)(4,2,0)	$\psi(M^{\omega+1}+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega, I(\omega+1, 0)+1))$
-(3,0,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	
-(6,2,1)(6,0,0)	$\psi(M^{\omega+1}+M^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(\omega, I(\omega+1,0)+\omega))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^{\omega+1}+M^{\omega}\cdot\omega)$
-(6,2,1)(6,0,0)(5,2,1)	$\psi(M + M \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(\omega+1,1))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^{\omega+1}\cdot 2)$
-(6,0,0)(5,2,1)(6,2,0)(5,0,0)	ψ (141 2)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	(/7/ 1 2))
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I(\omega+1,2))$
-(6,0,0)(5,2,1)(6,2,0)(7,3,1)(8,3,1)	$\psi(M^{\omega+1}\cdot 3)$
-(9,3,1)(9,0,0)(8,3,1)(9,3,0)(8,0,0)	//T/ \\
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega+1,\omega))$
-(3,0,0)(2,1,1)(3,1,1)	$\psi(M^{\omega+1}\cdot\omega)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(\omega+2,0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{\omega+2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(\omega+3,0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega+3,0))$ $\psi(M^{\omega+3})$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{-1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(\omega\cdot 2,0))$
-(3,0,0)(2,1,1)(3,1,1)(3,0,0)	$\psi(M^{\omega \cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)-	$\psi(I(\omega\cdot 3,0))$
-(2,1,1)(3,1,1)(3,0,0)-	
-(2,1,1)(3,1,1)(3,0,0)	$\psi(M^{\omega \cdot 3})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I(\psi(2),0))$
-(3,1,1)(3,0,0)(3,0,0)	$\psi(M^{\psi(2)})$
(0.0.0)(1.1.1)(0.1.1)(0.1.1)	$\psi(I(\Omega,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	$\psi(M^{\psi_M(M)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(I(\Omega,0),0))$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)	$\psi(M^{\psi_M(M^{\psi_M(M)})})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I(1,0,0))$
-(3,1,1)(3,1,0)(2,0,0)	$\psi(M^M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,0,0)(1,1,1)(2,1,1)-	$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0)))$
-(3,1,1)(3,1,0)(2,0,0)	$\psi(M^M + \psi_{\psi_M(M^M)}(M^M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0,0) + \Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1})$
-(3,1,0)(2,1,0)(3,2,0)	$\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,0) + I_{\psi_{I(1,0,0)}(I(1,0,0))+1})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^M + \psi_M(M^{\psi_{M(M^M)}(M^M)} + M^2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(I(1,0,0) + I(1,\psi_{I(1,0,0)}(I(1,0,0)) + 1))$
-(4,2,1)(5,2,0)(4,0,0)	$\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} + M^3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)-	$\psi(I(1,0,0) + I(2,\psi_{I(1,0,0)}(I(1,0,0)) + 1))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} + M^4))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,0) + I(\omega,\psi_{I(1,0,0)}(I(1,0,0)) + 1))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)	$\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} + M^{\omega}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)),1))$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} \cdot 2))$

BMS	反射 OCF (Buchholz-like)
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-\\ -(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-\\ -(3,2,1)(4,2,1)(5,2,1)(5,1,0)(1,1,1)-\\ -(2,1,1)(3,1,1)(3,1,0)(2,0,0)$	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)), 1) \cdot 2)$ $\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} \cdot 2) \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-$ $-(5,1,0)(4,2,0)(5,3,0)$	$\psi(I(1,0,0) + \Omega_{I(\psi_{I(1,0,0)}(I(1,0,0)),1)+1})$ $\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} \cdot 2 + M))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0) - \\ -(4,2,0)(5,3,1)(6,3,1)(7,3,1)(7,1,0) - \\ -(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)), 2))$ $\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} \cdot 3))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,0)(3,2,1)(4,2,1) - \\ -(5,2,1)(5,1,0)(4,2,1) \end{array} $	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)), \omega))$ $\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-$ $-(5,1,0)(4,2,1)(5,2,0)$	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)),$ $\Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1}))$ $\psi(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)},$ $\psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} + M)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,0)(3,2,1)(4,2,1)(5,2,1) - \\ -(5,1,0)(4,2,1)(5,2,0)(4,0,0) \end{array} $	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)) + 1,0))$ $\psi(M^M + \psi_{\psi_M(M^M)}(M^M + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-$ $-(5,1,0)(4,2,1)(5,2,1)$	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)) + 1,\omega))$ $\psi(M^M + \psi_M(M^{\psi_{M(M^M)}(M^M)+1} \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)) + 2,0))$ $\psi(M^M + \psi_{\psi_M(M^M)}(M^M + 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-$ $-(5,1,0)(4,2,1)(5,2,1)(5,0,0)$	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)) + \omega, 0))$ $\psi(M^M + \psi_{\psi_M(M^M)}(M^M + \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)-$ $-(4,2,1)(5,2,1)(5,1,0)(1,1,1)(2,1,1)-$ $-(3,1,1)(3,1,0)(2,0,0)$	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)) \cdot 2,0))$ $\psi(M^M + \psi_{\psi_M(M^M)}(M^M + \psi_{\psi_M(M^M)}(M^M)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) \\ -(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,0) \end{array} $	$\psi(I(1,0,0) + I(\Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1},0))$ $\psi(M^M + \psi_{\psi_M(M^M)}(M^M + \psi_M(M^{\psi_{\psi_M(M^M)}(M^M)} + M)))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,0) + I(I(\Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1},0),0))$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,0)-	$\psi(M^M + \psi_{\psi_M(M^M)}(M^M + \psi_{\psi_M(M^M)}(M^M +$
-(3,2,1)(4,2,1)(5,2,1)(5,2,0)	$\psi_M(M^{\psi_{\psi_M(M^M)}(M^M)}+M))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,0)\cdot 2)$
-(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Pi(1,0,0)/2)$ $\psi(M^M+\psi_M(M^M))$
-(5,2,1)(5,2,0)(4,0,0)	$\psi(M^{-}+\psi_{M}(M^{-}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,0)\cdot 2 + \Omega_{\psi_{I(1,0,0)}(I(1,0,0)\cdot 2)+1})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(M^M + \psi_M(M^M) +$
-(5,2,0)(4,2,0)(5,3,0)	$\psi_M(M^{\psi_{\psi_M(M^M)}(M^M+\psi_M(M^M))}+M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,0)	$\psi(I(1,0,0)\cdot 3)$
-(4,2,0)(5,3,1)(6,3,1)-	$\psi(M^M + \psi_M(M^M) \cdot 2)$
-(7,3,1)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)-	$\psi(I(1,0,0)\cdot\omega)$
-(3,1,1)(3,1,0)(2,1,1)	$\psi(M^M + \psi_{\psi_M(M^M + M)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{I(1,0,0)+1})$
-(3,1,0)(2,1,1)(3,1,0)(4,2,0)	$\psi(M^M+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I_{I(1,0,0)+1})$
-(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^{(1,0,0)+1})$ $\psi(M^M + M^2)$
-(5,2,1)(6,2,0)(5,0,0)	$\psi(M+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,I(1,0,0)+1))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^M+M^3)$
-(6,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(m+m)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(\omega, I(1,0,0)+1))$
-(2,1,1)(3,1,0)(4,2,1)-	$\psi(M^M+M^\omega)$
-(5,2,1)(6,2,1)(6,0,0)	. ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	$\psi(I(\Omega,I(1,0,0)+1))$
-(2,1,1)(3,1,0)(4,2,1)	$\psi(M^M+M^{\psi_M(M)})$
-(5,2,1)(6,2,1)(6,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - $(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)$ -	$\psi(I(\psi_{I(1,0,0)}(I(1,0,0)),I(1,0,0)+1))$
-(2,1,1)(3,1,0)(4,2,1)(3,2,1)(0,2,1) -(6,1,0)(1,1,1)(2,1,1)	$\psi(I(\psi_{I(1,0,0)}(I(1,0,0)),I(1,0,0)+I))$ $\psi(M^M + M^{\psi_{\psi_{M}(M^M)}(M^M)})$
-(3,1,1)(3,1,0)(2,0,0)	$\psi(M + M + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)	$\psi(I(\psi_{I(1,0,0)}(\Omega_{I(1,0,0)+1}),I(1,0,0)+1))$
-(6,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	$\psi(M^M + M^{\psi_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_{_$
-(2,1,1)(3,1,0)(4,2,0)	,

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-$ $-(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,1,0)$	$\psi(I(\psi_{I(1,0,0)}(I(\Omega,I(1,0,0)+1)),I(1,0,0)+1))$ $\psi(M^{M}+M^{\psi_{\psi_{M}(M^{M})}(M^{M}+M^{\psi_{M}(M)})})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,1,0)(2,0,0)$	$\psi(I(I(1,0,0),1)) \ \psi(M^M + M^{\psi_M(M^M)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,1,0)(4,2,0)$	$\psi(I(I(1,0,0),1) + \Omega_{I(1,0,0)+1})$ $\psi(M^M + M^{\psi_M(M^M)} + \psi_M(M^M + M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,1,0)(4,2,1)(5,2,1)(6,2,1)(6,1,0)$	$\psi(I(I(1,0,0),1) + I(\Omega, I(1,0,0) + 1))$ $\psi(M^M + M^{\psi_M(M^M)} + \psi_M(M^M + M^{\psi_M(M)}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,1,0)(2,0,0)$	$\psi(I(I(1,0,0),1)\cdot 2)$ $\psi(M^M + M^{\psi_M(M^M)} + \psi_M(M^M + M^{\psi_M(M^M)}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,1,0)(5,2,0)(6,3,0)$	$\psi(\Omega_{I(I(1,0,0),1)+1})$ $\psi(M^M + M^{\psi_M(M^M)} + M)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1) - \\ -(6,1,0)(5,2,0)(6,3,1) - \\ -(7,3,1)(8,3,1)(8,1,0) \end{array} $	$\psi(I(\Omega, I(I(1,0,0),1)+1))$ $\psi(M^M + M^{\psi_M(M^M)} + M^{\psi_M(M)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,1,0)(5,2,0)(6,3,1)(7,3,1)-$ $-(8,3,1)(8,1,0)(2,0,0)$	$\psi(I(I(1,0,0),2)) \ \psi(M^M + M^{\psi_M(M^M)} \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,1,0)(5,2,0)(6,3,1)(7,3,1)(8,3,1)-$ $-(8,1,0)(7,3,0)(8,4,1)(9,4,1)-$ $-(10,4,1)(10,1,0)(2,0,0)$	$\psi(I(I(1,0,0),3)) \ \psi(M^M + M^{\psi_M(M^M)} \cdot 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,1,0)(5,2,1)$	$\psi(I(I(1,0,0),\omega))$ $\psi(M^M + M^{\psi_M(M^M)} \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,1,0)(5,2,1)(6,1,0)(2,0,0)$	$\psi(I(I(1,0,0),I(1,0,0)))$ $\psi(M^M + M^{\psi_M(M^M)} \cdot \psi_M(M^M))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,1,0)(5,2,1)(6,2,0)$	$\psi(I(I(1,0,0),\Omega_{I(1,0,0)+1}))$ $\psi(M^M + M^{\psi_M(M^M)} \cdot \psi_M(M^M + M))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1) - \\ -(6,1,0)(5,2,1)(6,2,0)(5,0,0) \end{array} $	$\psi(I(I(1,0,0)+1,0))$ $\psi(M^M+M^{\psi_M(M^M)+1})$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1) - \\ -(6,1,0)(5,2,1)(6,2,0)(5,2,1) \end{array} $	$\psi(I(I(1,0,0)+1,0)\cdot\omega)$ $\psi(M^M+M^{\psi_M(M^M)+1}\cdot\omega)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1) - \\ -(6,1,0)(5,2,1)(6,2,0)(7,3,0) \end{array} $	$\psi(\Omega_{I(I(1,0,0)+1,0)+1})$ $\psi(M^M + M^{\psi_M(M^M)+1} + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,1,0)(5,2,1)(6,2,1)$	$\psi(I(I(1,0,0)+1,\omega))$ $\psi(M^M+M^{\psi_M(M^M)+1}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,1,0)(5,2,1)(6,2,1)-$ $-(5,2,1)(6,2,0)(5,0,0)$	$\psi(I(I(1,0,0)+2,0))$ $\psi(M^M + M^{\psi_M(M^M)+2})$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1) - \\ -(6,1,0)(5,2,1)(6,2,1)(6,1,0) \end{array} $	$\psi(I(I(1,0,0) + \Omega,0))$ $\psi(M^M + M^{\psi_M(M^M) + \psi_M(M)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,1,0)(5,2,1)(6,2,1)(6,1,0)(2,0,0)	$\psi(I(I(1,0,0)\cdot 2,0)) \ \psi(M^M + M^{\psi_M(M^M)\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,1,0)(6,0,0)$	$\psi(I(I(1,0,0)\cdot\omega,0)) \\ \psi(M^M + M^{\psi_{\psi_M(M^M+M)}(1)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,1,0)(7,2,0)$	$\psi(I(\psi_{\Omega_{I(1,0,0)+1}}(\Omega_{I(1,0,0)+1}),0))$ $\psi(M^M + M^{\psi_{\psi_M(M^M+M)}(M^M+M)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,0)$	$\psi(I(\Omega_{I(1,0,0)+1},0))$ $\psi(M^M + M^{\psi_M(M^M+M)})$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-\\ -(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-\\ -(6,2,0)(4,2,1)(5,2,1)(6,2,1)(6,2,0)$	$\psi(I(I(\Omega_{I(1,0,0)+1},0),0))$ $\psi(M^M + M^{\psi_M(M^M + M^{\psi_M(M^M + M)})})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,0)(5,0,0)$	$\psi(I(1,0,1)) \ \psi(M^M \cdot 2)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,1)\cdot\omega)$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^M \cdot 2 + \psi_{\psi_M(M^M \cdot 2 + M)}(1))$
-(6,2,1)(6,2,0)(5,2,1)	$\psi(M - 2 + \psi_{M}(M^{M} \cdot 2 + M)(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{I(1,0,1)+1})$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M^M \cdot 2 + M)$
-(6,2,0)(5,2,1)(6,2,0)(7,3,0)	$\varphi(m-2+m)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	1/7/7/1 2 2) 7/1 2 1)
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(I(1,0,0),I(1,0,1)+1))$
-(6,2,0)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^M \cdot 2 + M^{\psi_M(M^M)})$
-(9,3,1)(9,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(I(1,0,1),1))$
-(6,2,0)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^M\cdot 2 + M^{\psi_M(M^M\cdot 2)})$
-(9,3,1)(9,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	(/7/0
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(\Omega_{I(1,0,1)+1},0))$
-(6,2,0)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^M \cdot 2 + M^{\psi_M(M^M \cdot 2 + M)})$
-(9,3,1)(9,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	(/7(4 0 0))
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(1,0,2))$
-(6,2,0)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^M\cdot 3)$
-(9,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(I(1,0,3))$
-(6,2,0)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^M\cdot 4)$
-(9,3,1)(9,3,0)(8,3,1)(9,3,0)(10,4,1)-	7 ()
-(11,4,1)(12,4,1)(12,4,0)(11,0,0)	(7)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1,0,\omega))$
-(3,1,0)(2,1,1)(3,1,1)	$\psi(M^M\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,1,0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{I(1,1,0)+1})$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(M^{M+1}+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	ah(I(I(1 1 0) 1))
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(I(I(1,1,0),1))$
-(5,2,1)(6,2,1)(6,1,0)(2,0,0)	$\psi(M^{M+1} + M^{\psi_M(M^{M+1})})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(\Omega_{I(1,1,0)+1},0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)	$\psi(M^{M+1} + M^{\psi_M(M^{M+1} + M)})$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,0)(5,0,0)$	$\psi(I(1,0,I(1,1,0)+1))$ $\psi(M^{M+1}+M^{M})$
$ \begin{array}{c c} -(3,2,1)(0,2,1)(0,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1) - \\ \end{array} $	$\psi(I(1,0,\Omega_{I(1,1,0)+1}))$
$\begin{array}{c c} -(5,2,1)(6,2,1)(6,2,0)(5,2,1) - \\ -(6,2,1)(5,2,1)(6,2,0) \end{array}$	$\psi(M^{M+1} + M^M \cdot \psi_M(M^{M+1} + M))$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ -(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1) - \\ -(5,2,1)(6,2,1)(6,2,0)(5,2,1)(6,2,1) - \\ -(5,2,1)(6,2,0)(5,0,0) \end{vmatrix} $	$\psi(I(1,1,1)) \ \psi(M^{M+1} \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,0)(5,2,1)(6,2,1)-$ $-(5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,1)-$ $-(9,1,0)(2,0,0)$	$\psi(I(I(1,1,0),I(1,1,1)+1))$ $\psi(M^{M+1} \cdot 2 + M^{\psi_M(M^{M+1})})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,0)(5,2,1)(6,2,1)-$ $-(5,2,1)(6,2,0)(7,3,1)(8,3,1)-$ $-(9,3,1)(9,2,0)(5,0,0)$	$\psi(I(I(1,1,1),1))$ $\psi(M^{M+1} \cdot 2 + M^{\psi_M(M^{M+1} \cdot 2)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,0)(5,2,1)(6,2,1)-$ $-(5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,1)-$ $-(9,3,0)(8,0,0)$	$\psi(I(1,0,I(1,1,1)+1))$ $\psi(M^{M+1}\cdot 2+M^{M})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,0)(5,2,1)(6,2,1)-$ $-(5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,1)-$ $-(9,3,0)(8,3,1)(9,3,1)-$ $-(8,3,1)(9,3,0)(8,0,0)$	$\psi(I(1,1,2))$ $\psi(M^{M+1}\cdot 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,1)(2,1,1)(3,1,1)$	$\psi(I(1,1,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(2,1,1)(3,1,1)(2,1,1)(3,1,1)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(M^{M+1}\cdot\omega)$ $\psi(I(1,2,0))$ $\psi(M^{M+2})$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,0,I(1,2,0)+1))$
-(3,1,0)(4,2,1)(5,2,1)-	$\psi(M^{M+2}+M^M)$
-(6,2,1)(6,2,0)(5,0,0)	, ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)	$\psi(I(1,1,I(1,2,0)+1))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,0)-	$\psi(M^{M+2}+M^{M+1})$
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,2,1))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,0)-	
-(5,2,1)(6,2,1)(5,2,1)(6,2,1)(5,2,1)	$\psi(M^{M+2}\cdot 2)$
-(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,2,\omega))$
-(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,1)	$\psi(M^{M+2}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,3,0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M+3})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)-	$\psi(I(1,4,0))$
-(3,1,1)(2,1,1)(3,1,1)-	$\psi(M^{M+4})$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,\omega,0))$
-(2,1,1)(3,1,1)(3,1,0)	$\psi(M^{M+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(2,0,0))$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(M^{M\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(2,0,0)\cdot\omega)$
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)	$\psi(M^{M\cdot 2} + \psi_{\psi_M(M^{M\cdot 2} + M)}(1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{I(2,0,0)+1})$
-(2,1,1)(3,1,0)(4,2,0)	$\psi(M^{M\cdot 2}+M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$ab(I(1 \cap I(2 \cap \Omega) + 1))$
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,0,I(2,0,0)+1))$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(M^{M\cdot 2}+M^M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,1,I(2,0,0)+1))$
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)(6,2,1)-	$\psi(M^{M\cdot 2}+M^{M+1})$
-(5,2,1)(6,2,0)(5,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,2,I(2,0,0)+1))$
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)(6,2,1)	$\psi(M^{M\cdot 2}+M^{M+2})$
-(5,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(1,\Omega_{I(2,0,0)+1},0))$
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)-	$\psi(M^{M\cdot 2}+M^{M+\psi_M(M^{M\cdot 2}+M)})$
-(6,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,0)-	$\psi(I(2,0,1))$
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)-	$\psi(M^{M\cdot 2}\cdot 2)$
-(6,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)(6,2,1)	$\psi(I(2,0,2))$
-(6,2,0)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-	$\psi(M^{M\cdot 2}\cdot 3)$
-(9,3,1)(9,3,0)(8,3,1)-	
-(9,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(2,0,\omega))$
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)	$\psi(M^{M\cdot 2}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	-1/1/9 1 0))
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)-	$\psi(I(2,1,0))$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M\cdot 2+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(2,2,0))$
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M^{M\cdot 2+2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(2,\omega,0))$
-(2,1,1)(3,1,1)(3,1,0)	$\psi(M^{M\cdot 2+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(3,0,0))$
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)-	
-(3,1,1)(3,1,0)(2,0,0)	$\psi(M^{M\cdot 3})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(4,0,0))$
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(M^{M\cdot 4})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,0,0))$
-(3,1,0)(2,0,0)	$\psi(M^{M^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{I(1,0,0,0)+1})$
-(3,1,0)(2,1,1)(3,1,0)(4,2,0)	$\psi(M^{M^2}+M)$
(~,+,~)(-,+,+)(~,+,~)(+,2,~)	$\psi(101 + 101)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,0)(5,0,0)$	$\psi(I(1,0,I(1,0,0,0)+1)) \ \psi(M^{M^2}+M^M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,0)(5,2,1)(6,2,1)-$ $-(5,2,1)(6,2,0)(5,0,0)$	$\psi(I(1, 1, I(1, 0, 0, 0) + 1))$ $\psi(M^{M^2} + M^{M+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,0)(5,2,1)-$ $-(6,2,1)(6,2,0)(5,0,0)$	$\psi(I(2,0,I(1,0,0,0)+1))$ $\psi(M^{M^2}+M^{M\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,0)(5,2,1)(6,2,1)(6,2,0)-$ $-(5,2,1)(6,2,1)(6,2,0)(5,0,0)$	$\psi(I(3,0,I(1,0,0,0)+1))$ $\psi(M^{M^2}+M^{M\cdot 3})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,0)(6,2,0)(5,0,0)	$\psi(I(1,0,0,1)) \ \psi(M^{M^2} \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,1)$	$\psi(I(1,0,0,\omega)) \ \psi(M^{M^2}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,1)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(I(1,0,1,0)) \ \psi(M^{M^2+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(I(1,0,1,\omega)) \ \psi(M^{M^2+1}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,1)(2,1,1)-$ $-(3,1,1)(2,1,1)(3,1,0)(2,0,0)$	$\psi(I(1,0,2,0)) \ \psi(M^{M^2+2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)$	$\psi(I(1,1,0,0)) \ \psi(M^{M^2+M})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,1)(3,1,0)-$ $-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)$	$\psi(I(1,1,1,0)) \ \psi(M^{M^2+M+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(3,1,0)(2,1,1)(3,1,1)(3,1,0)-$ $-(2,1,1)(3,1,1)(3,1,0)(2,0,0)$	$\psi(I(1,2,0,0))$ $\psi(M^{M^2+M\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,1,1)(3,1,1)(3,1,0)(3,0,0)	$\psi(I(1,\omega,0,0)) \ \psi(M^{M^2+M\cdot\omega})$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(2,0,0,0))$
-(3,1,0)(2,1,1)(3,1,1)-	
-(3,1,0)(3,1,0)(2,0,0)	$\psi(M^{M^2\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(3,0,0,0))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(3,1,0)-	$\psi(N^{(N^2\cdot 3)})$
-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi(M^{-1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(\omega,0,0,0))$
-(3,1,0)(3,0,0)	$\psi(M^{M^2\cdot\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I(1,0,0,0,0))$
-(3,1,0)(3,1,0)(2,0,0)	$\psi(M^{M^3})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(I(1@\omega))$
-(3,1,0)(4,0,0)	$\psi(M^{M^\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,0,0)(2,1,1)	$\psi(M^{M^\omega}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^\omega+1})$
-(4,0,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^\omega+\omega})$
-(4,0,0)(2,1,1)(3,1,1)(3,0,0)	$\psi(\mathcal{W})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^\omega+M})$
-(4,0,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	ψ(111
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -	
-(4,0,0)(2,1,1)(3,1,1)-	$\psi(M^{M^\omega+M}\cdot\omega)$
-(3,1,0)(2,1,1)(3,1,1)	
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \right $	200.20
-(4,0,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^\omega+M+1})$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -	MW : M O
-(4,0,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^\omega+M\cdot 2})$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^\omega+M\cdot\omega})$
-(4,0,0)(2,1,1)(3,1,1)(3,1,0)(3,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	. 200 · 202
-(4,0,0)(2,1,1)(3,1,1)-	$\psi(M^{M^\omega+M^2})$
-(3,1,0)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	M/W : 2/3.
-(4,0,0)(2,1,1)(3,1,1)-	$\psi(M^{M^\omega+M^3})$
-(3,1,0)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^\omega\cdot 2})$
-(4,0,0)(2,1,1)(3,1,1)(3,1,0)(4,0,0)	, ,

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$A_{\sigma}(MM^{\omega}\cdot\omega)$
-(3,1,0)(4,0,0)(3,0,0)	$\psi(M^{M^\omega \cdot \omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M^{M^{\omega+1}})$
-(3,1,0)(4,0,0)(3,1,0)(2,0,0)	$\psi(M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^{\omega+2}})$
-(4,0,0)(3,1,0)(3,1,0)(2,0,0)	$\psi(M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M^{M^{\omega \cdot 2}})$
-(3,1,0)(4,0,0)(3,1,0)(4,0,0)	$\psi(M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M^{M^{\psi(2)}})$
-(3,1,0)(4,0,0)(4,0,0)	$\psi(M)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M^{M^{\psi_M(M)}})$
-(3,1,1)(3,1,0)(4,1,0)	$\psi(m)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M^{M^M}\cdot\omega)$
-(3,1,0)(4,1,0)(2,1,1)(3,1,1)	$\psi(M \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,1,0)(2,1,1)(3,1,1)-	$\psi(M^{M^M+1})$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M^{M^M+M})$
-(4,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,1,0)(2,1,1)(3,1,1)-	$\psi(M^{M^M+M^2})$
-(3,1,0)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,1,0)(2,1,1)(3,1,1)-	$\psi(M^{M^M\cdot 2})$
-(3,1,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$M M^{M+1}$
-(4,1,0)(3,1,0)(2,0,0)	$\psi(M^{M^{M+1}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$ah(\Lambda AM^{M\cdot 2})$
-(4,1,0)(3,1,0)(4,1,0)(2,0,0)	$\psi(M^{M^{M\cdot 2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	(\mathcal{M}^{M^2})
-(4,1,0)(4,1,0)(2,0,0)	$\psi(M^{M^{M^2}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	M^{M^3}
-(4,1,0)(4,1,0)(4,1,0)(2,0,0)	$\psi(M^{M^{M^3}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$M^{M^{\omega}}$
-(3,1,0)(4,1,0)(5,0,0)	$\psi(M^{M^{M^{\omega}}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	M^{MM}
-(4,1,0)(5,1,0)(2,0,0)	$\psi(M^{M^{M^M}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	M^{MM}
-(4,1,0)(5,1,0)(6,1,0)(2,0,0)	$\psi(M^{M^{M^M}})$

BMS	反射 OCF (Buchholz-like)
(0.0.0)(1.1.1)(0.1.1)	$\psi(arepsilon_{M+1})$
(0,0,0)(1,1,1)(2,1,1)	$\psi(\Omega_{M+1})$
-(3,1,1)(3,1,0)(4,2,0)	$\psi(M_2)$
(0,0,0)(1,1,1)(2,1,1)-	1/0
-(3,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{M+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{M+1} + \psi_M(\Omega_{M+1}))$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1}+M)$
-(3,1,0)(4,2,0)(2,1,0)(3,2,0)	$\psi(\Omega_{M+1}+iM)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1} + M \cdot \omega)$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)	$\psi(\Omega M+1+M+W)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{M+1}+M^2)$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1}+M^2\cdot\omega)$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\varphi(32M+1+1M-3\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1}+M^3)$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{M+1}+M^{\omega})$
-(4,2,1)(5,2,1)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1}+M^{\psi_M(\Omega_{M+1})})$
-(5,1,0)(1,1,1)(2,1,1)-	$\varphi(u_{M+1} + 1)$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} +$
-(5,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1}+M^{\Omega}))$
-(4,2,0)(2,1,0)(3,2,1)-	$\psi_{\psi_M}(\Omega_{M+1}+M)(\Omega_M+1+M)$
-(4,2,1)(5,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} +$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1}+M^{\psi_M(\Omega_{M+1})}+1))$
-(5,2,1)(5,1,0)(2,0,0)	$\psi\psi_{M}(\Omega_{M+1}+M)(\Omega_{M}+1+\Omega_{M}) \qquad \qquad \forall 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	to (O
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} +$
-(5,1,0)(2,1,0)(1,1,1)(2,1,1)-	$\psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1}+M^{\psi_M(\Omega_{M+1})}+\psi_M(\Omega_{M+1})))$
-(3,1,1)(3,1,0)(4,2,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)- $-(4,2,0)(2,1,0)(3,2,1)(4,2,1)$ -	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} + \psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1} +$
-(5,2,1)(5,1,0)(2,1,0)(3,2,0)	$M^{\psi_M(\Omega_{M+1})} + \psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1}+M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} +$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)- $-(5,2,1)(5,1,0)(2,1,0)(3,2,1)-$	$\psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1}+M^{\psi_M(\Omega_{M+1})}$
-(4,2,1)(5,2,1)(5,1,0)	$+\psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1}+M^{\Omega})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} + \psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1} +$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$M^{\psi_M(\Omega_{M+1})} + \psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1})$
-(5,2,1)(5,1,0)(3,0,0)	$+M^{\psi_M(\Omega_{M+1})}+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	((0)
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} + \psi_M(\Omega_{M+1} + M))$
$ \begin{array}{c c} -(5,2,1)(5,1,0)(3,2,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \end{array} $	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} + \psi_M(\Omega_{M+1} + M \cdot \omega))$
$\begin{array}{c c} (1,2,3)(2,1,3)(6,2,1)(1,2,1) \\ -(5,2,1)(5,1,0)(3,2,1) \end{array}$	$\varphi(GSM+1+IM) = \varphi_M(GSM+1+IM-\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} + \psi_M(\Omega_{M+1} + M^{\Omega}))$
-(5,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	(0, 1)
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} +$
-(5,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0)	$\psi_M(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})}) + \psi_M(\Omega_{M+1} + M^{\Omega}))$
-(3,2,1)(4,2,1)(5,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} +$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)	$\psi_{\psi_M(\Omega_{M+1}+M^{\psi_M(\Omega_{M+1})}+M)}(1))$
$ \begin{array}{c c} -(5,2,1)(5,1,0)(4,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \end{array} $	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} +$
-(5,2,1)(5,1,0)(4,2,0)	$\psi_{\psi_M(\Omega_{M+1}+M^{\psi_M(\Omega_{M+1})}+M)}(\Omega_{M+1}+M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} +$
-(5,1,0)(4,2,0)(3,2,1)(4,2,1)(5,2,1)-	
-(5,1,0)(1,1,1)(2,1,1)-	$\psi_{\psi_M(\Omega_{M+1}+M^{\psi_M(\Omega_{M+1})}+M)}(\Omega_{M+1}+M^{\psi_M(\Omega_{M+1})}))$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} + M)$
-(5,2,1)(5,1,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} + M \cdot \omega)$
-(5,2,1)(5,1,0)(4,2,0)(5,3,1)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	$\mathcal{L}(Q) = \mathcal{L}(Q) \times \mathcal{L}(Q)$
-(5,1,0)(4,2,0)(5,3,1)(6,3,1)(7,1,0)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} \cdot 2)$
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} \cdot \omega)$
-(5,2,1)(5,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)	(0, 10)
-(5,1,0)(4,2,1)(5,1,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} \cdot \psi_M(\Omega_{M+1}))$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} \cdot \psi_M(\Omega_{M+1} + M))$
-(5,2,1)(5,1,0)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	
-(5,1,0)(4,2,1)(5,2,0)(3,2,1)(4,2,1)	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} \cdot \psi_M(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})}))$
-(5,2,1)(5,1,0)(1,1,1)(2,1,1)-	
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})} \cdot \psi_M(\Omega_{M+1} +$
-(5,1,0)(4,2,1)(5,2,0)(3,2,1)(4,2,1)	$M^{\psi_M(\Omega_{M+1})} \cdot \psi_M(\Omega_{M+1} + M)))$
-(5,2,1)(5,1,0)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})+1})$
-(5,1,0)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})+1} + M)$
-(5,1,0)(4,2,1)(5,2,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})+1} \cdot \omega)$
-(5,2,1)(5,1,0)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})+2})$
-(5,1,0)(4,2,1)(5,2,1)-	$\psi(^{2}M+1 \pm iM)$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1}) + \omega})$
-(5,1,0)(4,2,1)(5,2,1)(5,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\mathcal{M}_{M}(\Omega_{M+1})\cdot 2$
-(5,1,0)(4,2,1)(5,2,1)(5,1,0)(1,1,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1})\cdot 2})$
-(2,1,1)(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{M+1} + M^{\psi_M(\Omega_{M+1} + M)})$
-(4,2,1)(5,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1}+M^M)$
-(5,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1} + M^M + M)$
-(5,2,1)(5,2,0)(4,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	/(O 11M 2)
-(5,2,0)(4,2,1)(5,2,0)(6,3,1)(7,3,1)-	$\psi(\Omega_{M+1} + M^M \cdot 2)$
-(8,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1}+M^M\cdot\omega)$
-(5,2,1)(5,2,0)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	1/O 1/M+1
-(5,2,1)(5,2,0)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + M^{M+1})$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1}+M^{M\cdot 2})$
-(5,2,0)(4,2,1)(5,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1}+M^{M^2})$
-(5,2,1)(5,2,0)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1}+M^{M^M})$
-(5,2,1)(5,2,0)(6,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}))$
-(5,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	
-(5,2,0)(6,3,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}) + \psi_{M}(\Omega_{M+1}))$
-(3,1,1)(3,1,0)(4,2,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}) +$
-(5,2,0)(6,3,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1}+M))$
-(3,1,0)(4,2,0)(2,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}) +$
-(5,2,0)(6,3,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1}+\psi_{\Omega_{M+1}}(\Omega_{M+1})))$
-(5,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}) +$
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi_{\psi_{M}(\Omega_{M+1}+M)}(\Omega_{M+1}+\psi_{\Omega_{M+1}}(\Omega_{M+1})+1))$
-(5,2,1)(5,2,0)(6,3,0)(2,0,0)	$\psi_{\psi_M(\Omega_{M+1}+M)}(\Omega_{M+1}+\psi_{\Omega_{M+1}}(\Omega_{M+1}+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}) + \psi_M(\Omega_{M+1} + M))$
-(5,2,1)(5,2,0)(6,3,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}) +$
-(5,2,0)(6,3,0)(3,2,1)(4,2,1)-	$\psi_M(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1})))$
-(5,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}) + M)$
-(5,2,0)(6,3,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}) + M^M)$
-(5,2,0)(6,3,0)(4,2,0)(5,3,1)-	φ (22 $M+1$ + φ 3 t_{M+1} (22 $M+1$) + 27 t_{M+1}
-(6,3,1)(7,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}) \cdot 2)$
-(5,2,0)(6,3,0)(4,2,0)(5,3,1)-	$\varphi (-\infty M+1) + \varphi M_{M+1} (-\infty M+1) = 2)$
-(6,3,1)(7,3,0)(8,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + 1))$
-(4,2,0)(2,1,1)	$\psi({}^{u}{}^{u}M+1 + \psi \Omega_{M+1}({}^{u}{}^{u}M+1 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M))$
-(4,2,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\mathfrak{s} \iota_M + 1 + \psi \mathfrak{t} \iota_{M+1}(\mathfrak{s} \iota_M + 1 + \iota_M))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,1)(3,1,0)(2,0,0)(1,1,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M) +$
-(2,1,1)(3,1,1)(3,1,0)-	$\psi_M(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + \psi_M(M))))$
-(4,2,0)(2,1,1)(3,1,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M) +$
-(4,2,0)(2,1,1)(3,1,0)(2,0,0)(1,1,1)-	74 2 2 2 2 2 2 2 2 2
-(2,1,1)(3,1,1)(3,1,0)(4,2,0)-	$\psi_{\psi_M(\Omega_{M+1}+\psi_{\Omega_{M+1}}(\Omega_{M+1}+M))}(\Omega_{M+1}+$
-(2,1,1)(3,1,0)(2,0,0)	$\psi_{\Omega_{M+1}}(\Omega_{M+1}+M)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,1)(3,1,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M) +$
-(4,2,1)(5,2,1)(5,2,0)(6,3,0)-	$\psi_M(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M)))$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M) + M)$
-(4,2,0)(2,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{M+1} + \psi\Omega_{M+1}(\Omega_{M+1} + M) + M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M + 1))$
-(4,2,0)(2,1,1)(3,1,1)	$\psi(\mathfrak{U}_{M+1} + \psi_{\Omega_{M+1}}(\mathfrak{U}_{M+1} + M + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M \cdot 2))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	A(0) + A(0) + M(2+1)
-(4,2,0)(2,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M \cdot 2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M \cdot \omega))$
-(4,2,0)(2,1,1)(3,1,1)(3,0,0)	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M^2))$
-(4,2,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi^{(2DM+1)} + \psi^{\Omega}_{M+1}(^{2DM}+1) + W^{D}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M^2 \cdot 2))$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M^3))$
-(3,1,0)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,0)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + M^M))$
-(3,1,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1})))$
-(4,2,0)(2,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(\mathfrak{s}^{\iota}M+1 + \psi\Omega_{M+1}(\mathfrak{s}^{\iota}M+1 + \psi\Omega_{M+1}(\mathfrak{s}^{\iota}M+1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + 1)))$
-(3,1,0)(4,2,0)(3,0,0)	$\psi(\mathfrak{d} \mathfrak{d}_{M+1} + \psi \Omega_{M+1}(\mathfrak{d} \mathfrak{d}_{M+1} + \psi \Omega_{M+1}(\mathfrak{d} \mathfrak{d}_{M+1} + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} +$
-(3,1,0)(4,2,0)(3,1,0)(4,2,0)	$\psi_{\Omega_{M+1}}(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} +$
-(3,1,0)(4,2,0)(4,0,0)	$\psi_{\Omega_{M+1}}(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + 1))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1} + \psi_{\Omega_{M+1}})))$
-(3,1,0)(4,2,0)(4,1,0)(5,2,0)	$\psi_{\Omega_{M+1}}(\Omega_{M+1} + \psi_{\Omega_{M+1}}(\Omega_{M+1}))))$
	$\tau \circ M+1 \setminus (-1)^{1+1} + 1 + \tau \circ M+1 \setminus (-1)^{1}+1 / (1) / (1)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	//(0 8)
-(3,1,0)(4,2,0)(4,2,0)	$\psi(\Omega_{M+1}\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	//(O 2 + // (O 2 + 1))
-(3,1,0)(4,2,0)(4,2,0)(2,1,1)	$\psi(\Omega_{M+1} \cdot 2 + \psi_{\Omega_{M+1}}(\Omega_{M+1} \cdot 2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+1}\cdot 3)$
-(3,1,0)(4,2,0)(4,2,0)(4,2,0)	$\psi(\Omega_{M+1}\cdot 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+2})$
-(3,1,0)(4,2,0)(5,3,0)	$\psi(^{12}M+2)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{M+\omega})$
-(3,1,1)(3,1,0)(4,2,1)	$\psi(^{32}M+\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+\omega+1})$
-(3,1,0)(4,2,1)(5,2,0)(6,3,0)	$\psi(3^{2}M+\omega+1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{M+\omega^2})$
-(3,1,0)(4,2,1)(5,2,1)	ψ (24 $M+\omega^2$)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M\cdot 2})$
-(4,2,1)(5,2,1)(6,1,0)(2,0,0)	Ψ (*2M·2)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{\Omega_{M+1}})$
-(4,2,1)(5,2,1)(6,2,0)	Ψ (5232M+1)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(I_{M+1})$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi({M_2}^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M_2^2 + \psi_{\Omega_{M+1}}(M_2^2 + 1))$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)(2,1,1)	$\psi(M_2 + \psi_{\Omega_{M+1}}(M_2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi({M_2}^2 + \Omega_{M+1})$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)(4,2,0)	$\psi(M_2 + 3t_{M+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)-	$\psi(M_2^2 + \psi_{\psi_{M_2}(M_2^2)}(M_2^2))$
-(4,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(5,2,0)-	$\psi(M_2{}^2 + \psi_{M_2}(M_2{}^2))$
-(6,3,1)(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi({M_2}^2 + M_2)$
-(4,2,1)(5,2,1)(6,2,0)(7,3,0)	Ψ(1112 1112)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,0)(7,3,1)-	$\psi({M_2}^2\cdot 2)$
-(8,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi({M_2}^2\cdot\omega)$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)	Ψ(2.12 ω)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi({M_2}^3)$
-(4,2,1)(5,2,1)(6,2,1)-	
-(5,2,1)(6,2,0)(5,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	//3.5 ω\
-(4,2,1)(5,2,1)(6,2,1)(6,0,0)	$\psi({M_2}^\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\mathcal{L}(M,M)$
-(4,2,1)(5,2,1)(6,2,1)(6,1,0)(2,0,0)	$\psi({M_2}^M)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\mathcal{M}(\mathbf{M} M_2)$
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(5,0,0)	$\psi(M_2{}^{M_2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)-	$\psi({M_2}^{M_2}+M_2)$
-(5,2,1)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)-	$\psi({M_2}^{M_2}\cdot\omega)$
-(6,2,0)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(5,2,1)-	$\psi({M_2}^{M_2+1})$
-(6,2,1)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(5,2,1)-	$\psi({M_2}^{M_2\cdot 2})$
-(6,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)-	$\psi({M_2}^{{M_2}^2})$
-(6,2,0)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M_2+1})$
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(7,3,0)	$\psi(M_3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)-	$\psi({M_3}^2)$
-(7,3,1)(8,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(7,3,1)-	$\psi({M_3}^{M_3})$
-(8,3,1)(9,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(7,3,1)-	$\psi(M_4)$
-(8,3,1)(9,3,1)(9,3,0)(10,4,0)	
(0,0,0)(1,1,1)(9,1,1)(9,1,1)	$\psi(M_\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(N\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(M_\omega + \psi_M(M_2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	$\psi(M_\omega + \psi_M(M_3))$
-(5,2,1)(6,2,1)(6,2,0)(7,3,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	$\psi(M_\omega + \psi_M(M_\omega))$
-(5,2,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	$\psi(M_\omega+M)$
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	ab(M+ab)
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_2))$
-(4,2,1)(5,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_3))$
-(4,2,1)(5,2,1)(5,2,0)(6,3,1)(7,3,1)-	
-(8,3,1)(8,3,0)(9,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	$\psi(M_\omega + \psi_{\psi_{M_2}(M_2)}(M_\omega))$
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)-	$\psi(M_{\omega} + \psi_{\Psi_{M_2}(M_2)}(M_{\omega}))$
-(4,2,1)(5,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)-	$ab(M + ab + \cdots + (M + ab + (M + ab))$
-(4,2,1)(5,2,1)(5,2,1)(1,1,1)(2,1,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega}) + \psi_M(M_{\omega}))$
-(3,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega}) + \psi_{\psi_{M}(M_{\omega}+M)}(M_{\omega} + M))$
-(4,2,1)(5,2,1)(5,2,1)(1,1,1)(2,1,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega}) + \psi_{\psi_M(M_{\omega} + M)}(M_{\omega} + M))$
-(3,1,1)(3,1,0)(4,2,1)(5,2,1)-	
-(6,2,1)(6,2,1)(2,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)-	$\psi(M_\omega + \psi_{\psi_{M_2}(M_2)}(M_\omega) +$
-(4,2,1)(5,2,1)(5,2,1)(1,1,1)(2,1,1)-	
-(3,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi_{\psi_M(M_\omega+M)}(M_\omega+\psi_{\psi_{M_2}(M_2)}(M_\omega)))$
-(6,2,1)(2,1,0)(3,2,1)-	
-(4,2,1)(5,2,1)(5,2,1)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	$a(M + a) = (M + a) \cdot (M + M)$
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega}) + \psi_M(M_{\omega} + M))$
-(4,2,1)(5,2,1)(5,2,1)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	ab(M + ab + (M))
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega}) +$
-(4,2,1)(5,2,1)(5,2,1)(3,2,1)(4,2,1)	$\psi_M(M_\omega + \psi_{\psi_{M_2}(M_2)}(M_2)))$
-(5,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)	$\psi(M_\omega + \psi_{\psi_{M_2}(M_2)}(M_\omega) +$
-(4,2,1)(5,2,1)(5,2,1)(3,2,1)(4,2,1)	$\psi_M(M_\omega + \psi_{\psi_{M_2}(M_2)}(M_\omega)))$
-(5,2,1)(5,2,0)(6,3,1)-	
-(7,3,1)(8,3,1)(8,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	
-(5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,1)	(34) + 34)
-(4,2,1)(5,2,1)(5,2,1)(3,2,1)(4,2,1)	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega}) + M)$
-(5,2,1)(5,2,0)(6,3,1)(7,3,1)-	
-(8,3,1)(8,3,1)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega} + 1))$
-(5,2,1)(6,2,1)(6,2,1)(2,1,1)	- -
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	(36 + 36)
-(5,2,1)(6,2,1)(6,2,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega} + M))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	$a(a(M_1 + a(a_1 + M_2) + M_3) + M_3)$
-(5,2,1)(6,2,1)(6,2,1)(2,1,1)(3,1,0)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega} + M) + M)$
-(2,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	$a/p(M + a/p) \qquad (M + M) + M$
-(5,2,1)(6,2,1)(6,2,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega} + M) + M)$
-(2,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega} + M + 1))$
-(5,2,1)(6,2,1)(6,2,1)(2,1,1)(3,1,1)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	(1M + 1 (1M + 1M Q))
-(5,2,1)(6,2,1)(6,2,1)(2,1,1)(3,1,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega} + M \cdot 2))$
-(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	(15.)
-(5,2,1)(6,2,1)(6,2,1)(2,1,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_2)))$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	(15.)
-(5,2,1)(6,2,1)(6,2,1)(2,1,1)(3,1,1)-	$\psi(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega} + \psi_{\psi_{M_2}(M_2)}(M_{\omega})))$
-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	$\psi(M_\omega + \psi_{M_2}(M_2))$
-(5,2,1)(6,2,1)(6,2,1)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	
-(5,2,1)(6,2,1)(6,2,1)(4,2,1)(5,2,1)-	$\psi(M_\omega + \psi_{M_2}(M_\omega))$
-(6,2,1)(6,2,0)(7,3,1)-	
-(8,3,1)(9,3,1)(9,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	
-(5,2,1)(6,2,1)(6,2,1)(4,2,1)(5,2,1)-	$\psi(M_\omega+M_2)$
-(6,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,1)-	
-(9,3,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,2,1)(4,2,1)(5,2,1)-	$\psi(M_\omega + \psi_{M_3}(M_3))$
-(6,2,1)(6,2,0)(7,3,1)(8,3,1)-	
-(9,3,1)(9,3,1)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	//1/ 0\
-(1,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(M_\omega\cdot 2)$
	$\psi(\Omega_{M_\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M_{\omega+1})$
-(3,1,1)(2,1,0)(3,2,0)	$\psi(N\cdot\omega+N)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi({M_{\omega+1}}^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -(2,1,0)(3,2,1)(4,2,1)	$\psi(M_{\omega+2})$
-(5,2,1)(5,2,0)(6,3,0)	$\psi(1^{\nu_1}\omega+2)$
-(0,4,1)(0,4,0)(0,3,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,0)-$ $-(6,3,1)(7,3,1)(8,3,1)(8,3,0)(9,4,0)$	$\psi(M_{\omega+3})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M_{\omega \cdot 2})$
-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)	$\psi(N\cdot\omega\cdot 2)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1) - \\ -(4,2,0)(5,3,1)(6,3,1)(7,3,1)(7,3,1) \end{array} $	$\psi(M_{\omega \cdot 3})$
(0,0,0)(1,1,1)(2,1,1) $-(3,1,1)(3,1,1)(2,1,1)$	$\psi(M_{\psi(2)}) \ \psi(N\cdot \psi(2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(3,1,1)(2,1,1)(3,1,0)$	$\psi(M_{\psi_M(M)})$ $\psi(N\cdot\Omega)$ $\psi(N\cdot\psi_{\psi_N(N)}(N))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1) - \\ -(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1) \end{array} $	$\psi(M_{\psi_M(M_\omega)}) \ \psi(N \cdot \psi_M(M_\omega))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1) - \\ -(3,1,0)(4,2,1)(5,2,1)(6,2,1) - \\ -(6,2,1)(5,2,1)(6,1,0) \end{array} $	$\psi(M_{\psi_M(M_{\psi_M(M)})}) \ \psi(N \cdot \psi_M(M_\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)-$ $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)-$ $-(5,2,1)(6,1,0)(2,0,0)$	$\psi(M_M) \ \psi(N\cdot \psi_N(N))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)-$ $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)-$ $-(5,2,1)(6,2,0)$	$\psi(M_{\Omega_{M+1}}) \ \psi(N \cdot \Omega_{M+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(1,1,1)-$ $-(2,1,1)(3,1,1)(3,1,1)$	$\psi(M_{M_{\omega}}) \ \psi(N\cdot\psi_N(N\cdot\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-$ $-(3,1,1)(3,1,1)(2,1,1)(3,1,0)$	$\psi(M_{M_{\psi_M(M)}}) \ \psi(N\cdot\psi_N(N\cdot\Omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(3,1,1)(2,1,1)(3,1,0)(2,0,0)$	$\psi(M(1,0))$ $\psi(M(1;0))$ $\psi(N^2)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(3,1,1)(2,1,1)(3,1,0)(2,0,0)(1,1,1)-$ $-(2,1,1)(3,1,1)(3,1,1)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(M(1,0) + \psi_{M(1,0)}(M(1,0)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,0)$	$\psi(M(1,0) + \Omega_{\psi_{M(1,0)}(M(1,0))+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(2,1,0)(3,2,1)-$ $-(4,2,1)(5,2,1)(5,2,1)$	$\psi(M(1,0) + M_{\psi_{M(1,0)}(M(1,0))+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(M(1,0)\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{M(1,0)+1})$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,0)(4,2,1) - \\ -(5,2,1)(6,2,1)(6,2,1) \end{array} $	$\psi(M_{M(1,0)+1}) \ \psi(\psi_{M(1,1)}(1))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,0)(4,2,1)(5,2,1) - \\ -(6,2,1)(6,2,1)(5,2,1)(6,2,0) \end{array} $	$\psi(M_{\Omega_{M(1,0)+1}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,1))$
-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-	$\psi(M(1;0)\cdot 2)$
-(6,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(N^2 + \psi_N(N^2))$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1) - \\ -(6,2,1)(5,2,1)(6,2,0)(7,3,0) \end{vmatrix} $	$\psi(\Omega_{M(1,1)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,2,1)(5,2,1)(6,2,0)(7,3,1)(8,3,1)-$ $-(9,3,1)(9,3,1)(8,3,1)(9,3,0)(8,0,0)$	$\psi(M(1,2))$ $\psi(M(1;0)\cdot 3)$ $\psi(N^2 + \psi_N(N^2)\cdot 2)$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)- \\ -(3,1,1)(2,1,1)(3,1,1)$	$\psi(M(1,\omega))$ $\psi(M(1;0)\cdot\omega)$ $\psi(N^2 + \psi_N(N^2)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)	$\psi(M(1,\Omega))$ $\psi(M(1;0)\cdot\Omega)$ $\psi(N^2 + \psi_N(N^2)\cdot\Omega)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(1,1,1)-	$\psi(M(1,M(1,\Omega)))$
-(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1;0) \cdot \psi_{M(1;0)}(M(1;0) \cdot \Omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M(1;0)^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)-	(11(0.0) . / (11(0.0)))
-(1,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)-	$\psi(M(2,0) + \psi_{M(2,0)}(M(2,0)))$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)-	$\psi(M(2,0) + \Omega_{\psi_{M(2,0)}(M(2,0))+1})$
-(3,1,0)(2,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M(2,0) + M_{\psi_{M(2,0)}(M(2,0))+\omega})$
-(3,2,1)(4,2,1)(5,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M(2,0) + M(1,\psi_{M(2,0)}(M(2,0)) + 1))$
-(3,2,1)(4,2,1)(5,2,1)-	$\psi(M(2,0)+M(1,\psi_{M(2,0)}(M(2,0))+1))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M(2,0) + M(1,\psi_{M(2,0)}(M(2,0)) + \omega))$
-(3,2,1)(4,2,1)(5,2,1)-	$\psi(M(2,0)+M(1,\psi_{M(2,0)}(M(2,0))+\omega))$
-(5,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M(2,0) + M(1,\Omega_{\psi_{M(2,0)}(M(2,0))+1}))$
-(3,2,1)(4,2,1)(5,2,1)(5,2,1)(4,2,1)-	$\psi(M(2,0)) + M(1,0)\psi_{M(2,0)}(M(2,0)) + 1/)$
-(5,2,1)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M(2,0)\cdot 2)$
-(3,2,1)(4,2,1)(5,2,1)(5,2,1)(4,2,1)-	$\psi(M(1;0)^2 + \psi_{M(1;0)}(M(1;0)^2))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,0)-	$\psi(M(2,0)\cdot 2)$
-(3,2,1)(4,2,1)(5,2,1)(5,2,1)(4,2,1)-	$\psi(M(1;0)^2 + \psi_{M(1;0)}(M(1;0)^2))$
-(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,0)\cdot\omega)$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{M(2,0)+1})$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)	r (112 (2,0) 17

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(M_{M(2,0)+\omega})$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(M(1, M(2, 0) + 1))$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)-	$\psi(M(1;0)^2 + M(1;0))$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,M(2,0)+\omega))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M(1;0)^2 + M(1;0) \cdot \omega)$
-(5,2,1)(6,2,1)(6,2,1)(5,2,1)(6,2,1)	$\psi(M(1;0) + M(1;0) \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(M(2,1))$
-(5,2,1)(6,2,1)(6,2,1)(5,2,1)(6,2,1)-	$\psi(M(1;0)^2 \cdot 2)$
-(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{M(2.1)+1})$
-(5,2,1)(6,2,1)(6,2,1)(5,2,1)(6,2,1)-	ψ (22 M (2,1)+1)
-(5,2,1)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(6,2,1)(5,2,1)(6,2,1)-	$\psi(M(2,2))$
-(5,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,1)-	$\psi(M(1;0)^2\cdot 3)$
-(9,3,1)(8,3,1)(9,3,1)-	
-(8,3,1)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(2,\omega))$
-(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(M(1;0)^2\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	ah(M(2,0))
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)-	$\psi(M(3,0))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M(1;0)^3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(4,0))$
-(2,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)-	
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M(1;0)^4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(\omega,0))$
-(2,1,1)(3,1,1)(3,0,0)	$\psi(M(1;0)^\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0,0))$
-(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(M(1;0)^{M(1;0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0,\omega))$
-(2,1,1)(3,1,1)(3,1,0)(2,1,1)	$\psi(M(1;0)^{M(1;0)} \cdot \omega)$
-(2,1,1)(0,1,1)(0,1,0)(2,1,1)	$\psi(M(1,0) \cdots \omega)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(M(1,1,0))$ $\psi(M(1;0)^{M(1;0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(2,1,1)-$ $-(3,1,1)(3,1,0)(2,0,0)$	$\psi(M(2,0,0)) \ \psi(M(1;0)^{M(1;0)\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)$	$\psi(M(1,0,0,0)) \ \psi(M(1;0)^{M(1;0)^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,0)$	$\psi(\Omega_{M(1;0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,1)$	$\psi(M_{M(1;0)+\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1, M(1; 0) + 1))$
-(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)	$\psi(M(1;1))$
-(6,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(N^2 \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,1)(5,2,1)(6,2,1)-$ $-(5,2,1)(6,2,0)(5,0,0)$	$\psi(M(2, M(1; 0) + 1))$ $\psi(M(1; 1)^{2})$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1) - \\ -(6,2,1)(6,2,1)(5,2,1) - \\ -(6,2,1)(6,2,0)(5,0,0) \end{vmatrix} $	$\psi(M(1,0,M(1;0)+1)) \ \psi(M(1;1)^{M(1;1)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,1)(5,2,1)-$ $-(6,2,1)(6,2,0)(7,3,0)$	$\psi(\Omega_{M(1;1)+1})$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)-\\ -(6,2,1)(6,2,1)(5,2,1)(6,2,1)(6,2,0)-\\ -(7,3,1)(8,3,1)(9,3,1)(9,3,1)-\\ -(8,3,1)(9,3,1)(9,3,0)(8,0,0)$	$\psi(M(1;2))$ $\psi(N^2\cdot 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1;\omega))$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(N^2\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1;1,0))$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2;0))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(N^3)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,1)-	$\psi(M(1;1,0)\cdot\omega)$
-(3,1,1)(2,1,1)(3,1,0)(2,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{M(1;1,0)+1})$
-(2,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(M(1,M(1;1,0)+1))$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)-	$\psi(M(1;M(1;1,0)+1))$
-(5,2,1)(6,2,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)-	$\psi(M(1,0,M(1;1,0)+1))$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(5,2,1)	$\psi(M(1; M(1; 1, 0) + 1)^{M(1; M(1; 1, 0) + 1)})$
-(6,2,1)(6,2,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)-	//0
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(5,2,1)	$\psi(\Omega_{M(1;M(1;1,0)+1)+1})$
-(6,2,1)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)-	$A_{i}(M(1,M(1,M(1,1,0)+1)+1))$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(5,2,1)-	$\psi(M(1, M(1; M(1; 1, 0) + 1) + 1))$
-(6,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,1)-	$\psi(M(1;M(1;1,0)+2))$
-(9,3,1)(8,3,1)(9,3,0)(9,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)-	(/35/1-35/1-1-0)
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)-	$\psi(M(1;M(1;1,0)+\omega))$
-(5,2,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)-	//3//4 0
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(5,2,1)	$\psi(M(1;\Omega_{M(1;1,0)+1}))$
-(6,2,1)(6,2,1)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)	$\psi(M(1;1,1))$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(5,2,1)	$\psi(M(2;0)\cdot 2)$
-(6,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)	, , , , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1;1,\omega))$
-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(M(2;0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)	
-(2,1,1)(3,1,1)(3,1,1)(2,1,1)-	$\psi(M(1;2,0))$
-(3,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(M(2;0)^2)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)-$ $-(3,1,1)(3,1,0)(2,0,0)$	$\psi(M(1;1,0,0))$ $\psi(M(2;0)^{M(2;0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)-$ $-(3,1,1)(3,1,0)(4,2,0)$	$\psi(\Omega_{M(2;0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-$ $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)-$ $-(5,2,1)(6,2,0)(5,0,0)$	$\psi(M(1, M(2; 0) + 1))$ $\psi(M(1; M(2; 0) + 1))$ $\psi(N^3 + N^2)$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-\\ -(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)-\\ -(5,2,1)(6,2,1)(6,2,0)(7,3,0)$	$\psi(\Omega_{M(1;M(2;0)+1)+1})$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-\\ -(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)-\\ -(5,2,1)(6,2,1)(6,2,1)$	$\psi(M(1; M(2; 0) + \omega))$ $\psi(N^3 + N^2 \cdot \omega)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1) - \\ -(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1) - \\ -(5,2,1)(6,2,1)(6,2,1) - \\ -(5,2,1)(6,2,0)(5,0,0) \end{array} $	$\psi(M(1;1,M(2;0)+1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-$ $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)-$ $-(5,2,1)(6,2,1)(6,2,1)(5,2,1)-$ $-(6,2,1)(6,2,0)(7,3,0)$	$\psi(M(2;1))$ $\psi(N^3 \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)-$ $-(2,1,1)(3,1,1)(3,1,1)$	$\psi(M(2;\omega))$ $\psi(N^3\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)-$ $-(3,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)$	$\psi(M(2;1,0))$ $\psi(M(3;0))$ $\psi(N^4)$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-\\ -(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-\\ -(6,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)$	$\psi(M(1, M(2; 1, 0) + 1))$ $\psi(M(1; M(2; 1, 0) + 1))$

BMS	反射 OCF (Buchholz-like)
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-\\ -(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-\\ -(6,2,1)(6,2,1)(5,2,1)-\\ -(6,2,1)(6,2,0)(7,3,0)$	$\psi(\Omega_{M(1;M(2;1,0)+1)+1})$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-\\ -(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-\\ -(6,2,1)(6,2,1)(5,2,1)(6,2,1)(6,2,1)$	$\psi(M(1;M(2;1,0)+\omega))$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\psi(M(1; 1, M(2; 1, 0) + 1))$ $\psi(M(2; M(2; 1, 0) + 1))$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-\\ -(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-\\ -(6,2,1)(6,2,1)(5,2,1)(6,2,1)(6,2,1)-\\ -(5,2,1)(6,2,1)(6,2,0)(7,3,0)$	$\psi(\Omega_{M(2;M(2;1,0)+1)+1})$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-\\ -(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-\\ -(6,2,1)(6,2,1)(5,2,1)(6,2,1)(6,2,1)-\\ -(5,2,1)(6,2,1)(6,2,1)$	$\psi(M(2;M(2;1,0)+\omega))$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-\\ -(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1)-\\ -(6,2,1)(6,2,1)(5,2,1)(6,2,1)(6,2,1)-\\ -(5,2,1)(6,2,1)(6,2,1)(5,0,0)$	$\psi(M(2;1,1))$ $\psi(M(3;0)\cdot 2)$ $\psi(N^3+\psi_N(N^4))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)-$ $-(3,1,1)(3,1,1)(2,1,1)(3,1,1)$	$\psi(M(2;1,\omega))$ $\psi(M(3;0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)-$ $-(3,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,0)$	$\psi(\Omega_{M(3;0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(3;\omega)) \ \psi(N^4\cdot\omega)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M(\omega;0))$
-(3,1,1)(3,1,1)(3,0,0)	$\psi(N^\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(\omega;\omega))$
-(3,1,1)(3,0,0)(2,1,1)	$\psi(N^\omega\cdot\omega)$
	$\psi(M(\omega;1,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(\omega+1;0))$
-(3,0,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(N^{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(\omega;1,\omega))$
-(3,1,1)(3,0,0)(2,1,1)(3,1,1)	$\psi(M(\omega+1;0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(\omega+1,0)\cdot\omega)$
-(3,0,0)(2,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{M(\omega+1;0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(\omega+1;\omega))$
-(3,0,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(N^{\omega+1}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(\omega \cdot 2;0))$
-(3,0,0)(2,1,1)(3,1,1)(3,1,1)(3,0,0)	$\psi(N^{\omega\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(M(\Omega;0))$
-(3,1,1)(3,1,1)(3,1,0)	$\psi(N^\Omega)$
	$\psi(M(1,0;0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1,1;0))$
-(3,1,1)(3,1,0)(2,0,0)	$\psi(N^N)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(N)$
-(3,1,1)(3,1,0)(2,1,1)	$\psi(M(1,0;0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{M(1,0;0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	(27/4.0)
-(3,1,0)(2,1,1)(3,1,1)	$\psi(M(1,0;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0;1,0))$
-(3,1,0)(2,1,1)(3,1,1)-	
-(2,1,1)(3,1,0)(2,0,0)	$\psi(M(1,1;0)^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{M(1,1;0)+1})$
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(4,2,0)	Ψ (30M(1,1;0)+1)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(M_{M(1,1;0)+1})$
-(4,2,1)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)	//35/ 35/3 3 0
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(4,2,1)	$\psi(M(\omega;M(1,1;0)))$
-(5,2,1)(6,2,1)(6,2,1)(6,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0;M(1,1;0)+1))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	$\psi(M(1,1;1))$
-(5,2,1)(6,2,1)(6,2,1)(6,2,0)(5,0,0)	$\psi(N^N\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	$\psi(M(1,0;M(1,1;0)+\omega))$
-(5,2,1)(6,2,1)(6,2,1)-	$\psi(M(1,0,M(1,1,0)+\omega))$
-(6,2,0)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(4,2,1)-	$\psi(\Omega_{M(1,1;1)+1})$
-(5,2,1)(6,2,1)(6,2,1)(6,2,0)(5,2,1)-	7 (14 (1,1,1)+1)
-(6,2,1)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1,1;\omega))$
-(3,1,1)(3,1,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(N^N \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,1;1,0))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,2;0))$
-(2,1,1)(3,1,0)(2,0,0)	$\psi(N^{N+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{M(1,2;0)+1})$
-(2,1,1)(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,2;\omega))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(N^{N+1}\cdot\omega)$
-(2,1,1)(3,1,1)(3,1,1)	$\psi(N - \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,3;\omega))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)(2,1,1)-	$\psi(N^{N+2}\cdot\omega)$
-(3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,\Omega;0))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)(3,1,0)	$\psi(N^{N+\Omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,0;0))$
-(3,1,0)(2,1,1)(3,1,1)-	$\psi(M(2,1;0))$
-(3,1,1)(3,1,0)(2,0,0)	$\psi(N^{N\cdot 2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,0;\omega))$
-(3,1,0)(2,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,1;\omega))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(N^{N\cdot 2}\cdot\omega)$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(\mathbf{i}\mathbf{v} \cdot \omega)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(2,1,1)(3,1,1)(3,1,1)(3,1,0)-$ $-(2,1,1)(3,1,1)(3,1,1)-$ $-(2,1,1)(3,1,1)(3,1,1)$	$\psi(M(2,2;\omega)) \ \psi(N^{N\cdot 2+1}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(M(3,0;0))$ $\psi(M(3,1;0))$ $\psi(N^{N\cdot 3})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(3,0,0) (0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(\omega, 0; 0))$ $\psi(N^{N \cdot \omega})$ $\psi(M(\omega, 0; \omega))$
-(3,1,1)(3,1,0)(3,0,0)(2,1,1)	$\psi(N^{N\cdot\omega}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- -(3,1,0)(3,0,0)(2,1,1)(3,1,1)	$\psi(M(\omega,0;1,\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(3,0,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(\omega,1;\omega)) \ \psi(N^{N\cdot\omega+1}\cdot\omega)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,0)(3,0,0)(2,1,1)(3,1,1) - \\ -(3,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi(M(\omega+1,1;0))$ $\psi(N^{N\cdot\omega+N+1})$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,0)(3,0,0)(2,1,1)(3,1,1) - \\ -(3,1,1)(3,1,0)(3,0,0) \end{array} $	$\psi(M(\omega \cdot 2, 0; 0))$ $\psi(N^{N \cdot \omega + N + 1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(3,0,0)(3,0,0)	$\psi(M(\psi(2),0;0)) \ \psi(N^{N\cdot\psi(2)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi(M(1,0,0;0)) \ \psi(M(1,0,1;0)) \ \psi(N^{N^2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(3,1,0)(2,1,1)(3,1,1)	$\psi(M(1,0,0;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(3,1,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(1,0,1;\omega))$ $\psi(N^{N^2}\cdot\omega)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,0)(3,1,0)(2,1,1)(3,1,1) - \\ -(3,1,1)(2,1,1)(3,1,1)(3,1,1) \end{array} $	$\psi(M(1,0,2;\omega)) \ \psi(N^{N^2+1}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(3,1,0)(2,1,1)(3,1,1)-$ $-(3,1,1)(3,1,0)(2,0,0)$	$\psi(M(1,1,1;0))$ $\psi(N^{N^2+N})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- -(3,1,0)(3,1,0)(2,1,1)(3,1,1)(3,1,1)- -(3,1,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(1,1,1;\omega)) \ \psi(N^{N^2+N}\cdot\omega)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,2,1;0))$
-(3,1,0)(2,1,1)(3,1,1)-	$\psi(N^{N^2+N\cdot 2})$
-(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2,0,1;0))$
-(3,1,0)(3,1,0)(2,1,1)(3,1,1)-	$\psi(N^{N^2\cdot 2})$
-(3,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi(v)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0,0,1;0))$
-(3,1,0)(3,1,0)(3,1,0)(2,0,0)	$\psi(N^{N^3})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1@\omega;0))$
-(3,1,1)(3,1,0)(4,0,0)	$\psi(N^{N^{\omega}})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(N^{N^N})$
-(3,1,1)(3,1,0)(4,1,0)(2,0,0)	$\psi(N)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(N^{N^N})$
-(3,1,0)(4,1,0)(5,1,0)(2,0,0)	ψ (IV)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1})$
-(3,1,1)(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_2 - \Pi_2 - \Pi_2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1})$
-(3,1,1)(3,1,0)(4,2,0)	$\psi(2 \text{ aft } 2 - 2 - 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{N+1} + \psi_N(\Omega_{N+1}))$
-(3,1,1)(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_N(\Omega_{N+1}) \cdot \omega)$
-(3,1,1)(3,1,0)(4,2,0)(2,0,0)	$\psi(\Omega_{N+1} + \psi_N(\Omega_{N+1}) \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_N(\Omega_{N+1}) \cdot \Omega)$
-(3,1,1)(3,1,0)(4,2,0)(2,1,0)	$\psi(\mathfrak{U}_{N+1} + \psi_N(\mathfrak{U}_{N+1}) \cdot \mathfrak{U})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{N+1} + \psi_N(\Omega_{N+1})^2)$
-(3,1,1)(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(1,1,1)(2,1,1)-	
-(3,1,1)(3,1,1)(3,1,0)(4,2,0)(2,1,0)-	$\psi(\Omega_{N+1} + \psi_N(\Omega_{N+1})^2 \cdot 2)$
-(1,1,1)(2,1,1)(3,1,1)-	
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_N(\Omega_{N+1})^2 \cdot \Omega)$
-(3,1,1)(3,1,0)(4,2,0)(2,1,0)(2,1,0)	/ (1V T 1 / 7 1V (1V T 1 / 7)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	2
-(3,1,0)(4,2,0)(2,1,0)(2,1,0)(1,1,1)-	$\psi(\Omega_{N+1} + \psi_N(\Omega_{N+1})^3)$
-(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,1,0)(1,1,1)-	$\psi(\Omega_{N+1} + \psi_N(\Omega_{N+1})^{\psi_N(\Omega_{N+1})})$
-(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	*/·(O + O)
-(3,1,0)(4,2,0)(2,1,0)(3,2,0)	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1})+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1})+1} +$
-(3,1,0)(4,2,0)(2,1,0)-	7 - ((((((- (
-(3,2,0)(2,1,0)(3,2,0)	$\psi_{\Omega_{\psi_N(\Omega_{N+1})+1}}(N+\Omega_{\psi_N(\Omega_{N+1})+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1})+1} \cdot 2)$
-(3,1,0)(4,2,0)(2,1,0)(3,2,0)(3,2,0)	$\psi(\Omega_{N+1} + \Omega_{\psi_N}(\Omega_{N+1}) + 1 \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1})+1}^2)$
-(3,1,0)(4,2,0)(2,1,0)(3,2,0)(4,2,0)	$\psi(\mathfrak{I}_{N+1} + \mathfrak{I}_{\psi_N}(\Omega_{N+1}) + 1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1})+2})$
-(3,1,0)(4,2,0)(2,1,0)(3,2,0)(4,3,0)	$\psi(\mathfrak{s}\iota_{N+1}+\mathfrak{s}\iota_{\psi_{N}}(\Omega_{N+1})+2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1}) + \omega})$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)	$\psi(\mathfrak{U}_{N+1}+\mathfrak{U}_{N}(\mathfrak{U}_{N+1})+\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1}) + \omega + 1})$
-(3,2,1)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1}) + \omega \cdot 2})$
-(3,2,1)(4,2,0)(5,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1}) + \omega^2})$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)	$\psi\left(\mathfrak{G}_{N+1}+\mathfrak{G}_{\mathcal{G}}\psi_{N}(\Omega_{N+1})+\omega^{2}\right)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1}) + \Omega})$
-(3,2,1)(4,2,1)(5,1,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + \Omega_{\psi_N(\Omega_{N+1})\cdot 2})$
-(5,1,0)(1,1,1)(2,1,1)(3,1,1)-	$\gamma \left(-1\sqrt{+1} \right) = -\psi_N \left(\omega_{N+1} \right) \cdot 2 $
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)-	$\psi(\Omega_{N+1} + \Omega_{\Omega_{\psi_N(\Omega_{N+1})+1}})$
-(3,2,1)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + I_{\psi_N(\Omega_{N+1})+1})$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + I_{\psi_N(\Omega_{N+1})+1} +$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\Omega_{\psi_{I_{\psi_{N}(\Omega_{N+1})+1}}(I_{\psi_{N}(\Omega_{N+1})+1})+1})$
-(4,2,1)(5,2,0)(4,2,0)(5,3,0)	$^{\psi_I}{}_{\psi_N(\Omega_{N+1})+1}{}^{(I_{\psi_N(\Omega_{N+1})+1})+1}$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + I_{\psi_N(\Omega_{N+1})+1} \cdot \omega)$
-(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + \Omega_{I_{\psi_N(\Omega_{N+1})+1}+1})$
-(4,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + I_{\psi_N(\Omega_{N+1})+2})$
-(5,2,0)(6,3,1)(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)-	$\psi(\Omega_{N+1} + I_{\psi_N(\Omega_{N+1}) + \omega})$
-(3,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}^3)$
-(4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}^3 \cdot \omega)$
-(4,2,1)(5,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}^4)$
-(5,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1})$
-(4,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}{}^{\omega})$
-(4,2,1)(5,2,1)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}^{\omega} \cdot \omega)$
-(4,2,1)(5,2,1)(5,0,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}{}^{M_{\psi_N(\Omega_{N+1})+1}})$
-(4,2,1)(5,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}{}^{M_{\psi_N(\Omega_{N+1})+1}} \cdot \omega)$
-(5,2,1)(5,2,0)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}{}^{M_{\psi_N(\Omega_{N+1})+1}} \cdot \omega)$
-(5,2,1)(5,2,0)(4,2,1)(5,2,1)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$M_{\phi_{N}(Q_{N+1})+1}$:2)
-(5,2,1)(5,2,0)(4,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}^{M_{\psi_N(\Omega_{N+1})+1} \cdot 2})$
-(5,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}{}^{M_{\psi_N(\Omega_{N+1})+1} \cdot \omega})$
-(4,2,1)(5,2,1)(5,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}{}^{M_{\psi_N(\Omega_{N+1})+1}^2})$
-(5,2,1)(5,2,0)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+1}^{M_{\psi_N(\Omega_{N+1})+1}^{M_{\psi_N(\Omega_{N+1})+1}})$
-(5,2,1)(5,2,0)(6,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{N+1} + \Omega_{M_{\psi_N}(\Omega_{N+1})+1} + 1)$
-(4,2,1)(5,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	ch(O + I
-(5,2,1)(5,2,0)(6,3,1)-	$\psi(\Omega_{N+1} + I_{M_{\psi_N(\Omega_{N+1})+1}+1})$
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M^3_{\psi_N(\Omega_{N+1})+2})$
-(5,2,1)(5,2,0)(6,3,1)(7,3,1)(8,3,1)-	$\psi(\mathfrak{I}\iota_{N+1}+\mathfrak{M}_{\psi_N(\Omega_{N+1})+2})$
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+2}^{\omega})$
-(5,2,1)(5,2,0)(6,3,1)-	$\psi(\mathfrak{L}_{N+1} + \mathfrak{M}_{\psi_N}(\Omega_{N+1}) + 2)$
-(7,3,1)(8,3,1)(8,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+2}{}^{M_{\psi_N(\Omega_{N+1})+2}})$
-(5,2,1)(5,2,0)(6,3,1)(7,3,1)-	$\psi(\mathfrak{s}\iota_N+1 \perp \mathfrak{I}\mathfrak{U}_N(\Omega_{N+1})+2 \qquad \dots \qquad)$
-(8,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1})+2}{}^{M_{\psi_N(\Omega_{N+1})+2}{}^{M_{\psi_N(\Omega_{N+1})+2}}})$
-(5,2,1)(5,2,0)(6,3,1)(7,3,1)(8,3,1)-	$\psi(\mathfrak{d}^{2}N+1+\mathfrak{M}\psi_{N}(\Omega_{N+1})+2)$
-(8,3,0)(9,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + \Omega_{M_{\psi_N(\Omega_{N+1})+2}+1})$
-(5,2,1)(5,2,0)(6,3,1)(7,3,1)-	$\psi(\mathfrak{s} \iota_{N+1} + \mathfrak{s} \iota_{M_{\psi_N(\Omega_{N+1})+2}+1})$
-(8,3,1)(8,3,0)(9,4,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-$ $-(4,2,1)(5,2,1)(5,2,1)$	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1}) + \omega})$ $\psi(\Omega_{N+1} + N \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(5,2,1)(4,2,0)(5,3,0)$	$\psi(\Omega_{N+1} + \Omega_{M_{\psi_N(\Omega_{N+1})+\omega}+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)(4,2,0)(5,3,1)(6,3,1)(7,3,1)(7,3,0)(8,4,0)	$\psi(\Omega_{N+1} + \Omega_{M_{\psi_N(\Omega_{N+1})+\omega+1}+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(5,2,1)(4,2,0)(5,3,1)-$ $-(6,3,1)(7,3,1)(7,3,1)$	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1}) + \omega \cdot 2})$ $\psi(\Omega_{N+1} + N \cdot \omega \cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-$ $-(4,2,1)(5,2,1)(5,2,1)(4,2,1)$	$\psi(\Omega_{N+1} + M_{\psi_N(\Omega_{N+1}) + \omega^2})$ $\psi(\Omega_{N+1} + N \cdot \omega^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(5,2,1)(4,2,1)(5,2,0)$	$\psi(\Omega_{N+1} + M_{\Omega_{\psi_N(\Omega_{N+1})+1}})$ $\psi(\Omega_{N+1} + N \cdot \Omega_{\psi_N(\Omega_{N+1})+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(5,2,1)(4,2,1)(5,2,0)(3,2,1)-$ $-(4,2,1)(5,2,1)(5,2,1)$	$\psi(\Omega_{N+1} + M_{M_{\psi_N(\Omega_{N+1})+\omega}})$ $\psi(\Omega_{N+1} + N \cdot \psi_N(\Omega_{N+1} + N \cdot \omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)	$\psi(\Omega_{N+1} + M(1, \psi_N(\Omega_{N+1}) + 1))$ $\psi(\Omega_{N+1} + M(1; \psi_N(\Omega_{N+1}) + 1))$ $\psi(\Omega_{N+1} + N^2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(5,2,1)(4,2,1)(5,2,0)(4,2,1)$	$\psi(\Omega_{N+1} + M(1, \psi_N(\Omega_{N+1}) + 1) \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)(4,2,1)(5,2,0)(6,3,0)	$\psi(\Omega_{N+1} + \Omega_{M(1,\psi_N(\Omega_{N+1})+1)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(5,2,1)(4,2,1)(5,2,0)(6,3,1)-$ $-(7,3,1)(8,3,0)(7,0,0)$	$\psi(\Omega_{N+1} + I_{M(1,\psi_N(\Omega_{N+1})+1)+1})$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$ab(\Omega_{-}) + \Omega_{-}$
-(5,2,1)(5,2,1)(4,2,1)(5,2,0)(6,3,1)-	$\psi(\Omega_{N+1} + \Omega_{M_{M(1,\psi_N(\Omega_{N+1})+1)+1}+1})$
-(7,3,1)(8,3,1)(8,3,0)(9,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$ch(\Omega \to M)$
-(5,2,1)(5,2,1)(4,2,1)(5,2,0)(6,3,1)-	$\psi(\Omega_{N+1} + M_{M(1,\psi_N(\Omega_{N+1})+1)+\omega})$
-(7,3,1)(8,3,1)(8,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(1, \psi_N(\Omega_{N+1}) + 2))$
-(5,2,1)(5,2,1)(4,2,1)(5,2,0)(6,3,1)-	7 (21 1) () / 21 (21 1) / /
-(7,3,1)(8,3,1)(8,3,1)-	$\psi(\Omega_{N+1} + M(1; \psi_N(\Omega_{N+1}) + 1) \cdot 2)$
-(7,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + M(1, \psi_N(\Omega_{N+1}) + \omega))$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	(, , , , , , , , , , , , , , , , , , ,
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)	$\psi(\Omega_{N+1} + M(1; \psi_N(\Omega_{N+1}) + 1) \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(2, \psi_N(\Omega_{N+1}) + 1))$
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(1; \psi_N(\Omega_{N+1}) + 1)^2)$
-(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(1, 0, \psi_N(\Omega_{N+1}) + 1))$
-(5,2,1)(5,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(1; \psi_N(\Omega_{N+1}) + 1)^{M(1; \psi_N(\Omega_{N+1}) + 1)})$
-(5,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + \Omega_{M(1;\psi_N(\Omega_{N+1})+1)+1})$
-(5,2,1)(5,2,1)(4,2,1)-	$\psi(\mathfrak{S}^{\mathfrak{s}}N+1)+\mathfrak{S}^{\mathfrak{s}}M(1;\psi_{N}(\mathfrak{S}^{\mathfrak{l}}N+1)+1)+1)$
-(5,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M_{M(1;\psi_N(\Omega_{N+1})+1)+\omega})$
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,0)-	$\psi(\Omega_{N+1}+N^2+N\cdot\omega)$
-(6,3,1)(7,3,1)(8,3,1)(8,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(1, M(1; \psi_N(\Omega_{N+1}) + 1) + 1))$
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,0)-	$\psi(\Omega_{N+1} + M(1; \psi_N(\Omega_{N+1}) + 2))$
-(6,3,1)(7,3,1)(8,3,1)(8,3,1)-	$\psi(\Omega_{N+1}+N^2\cdot 2)$
-(7,3,1)(8,3,0)(7,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,0)	$\psi(\Omega_{N+1} + M(1, M(1; \psi_N(\Omega_{N+1}) + 1) + \omega))$
-(6,3,1)(7,3,1)(8,3,1)-	
-(8,3,1)(7,3,1)(8,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,0)-	$\psi(\Omega_{N+1} + M(1, 0, M(1; \psi_N(\Omega_{N+1}) + 1) + 1))$
-(6,3,1)(7,3,1)(8,3,1)(8,3,1)(7,3,1)-	
-(8,3,1)(8,3,0)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,0)-	$\psi(\Omega_{N+1} + \Omega_{M(1;\psi_N(\Omega_{N+1})+2)+1})$
-(6,3,1)(7,3,1)(8,3,1)(8,3,1)(7,3,1)-	
-(8,3,1)(8,3,0)(9,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(1; \psi_N(\Omega_{N+1}) + \omega))$
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + M(1; 1, \psi_N(\Omega_{N+1}) + 1))$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(2; \psi_N(\Omega_{N+1}) + 1))$
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,1)-	(
-(4,2,1)(5,2,0)(4,0,0)	$\psi(\Omega_{N+1}+N^3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(1; 1, \psi_N(\Omega_{N+1}) + 1) \cdot \omega)$
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,1)-	$\psi(\mathfrak{s}\mathfrak{s}N+1+\mathfrak{s}N+1)$ $(\mathfrak{s}\mathfrak{s}N+1)$ $(\mathfrak{s}\mathfrak{s}N+1)$
-(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(1; 1, \psi_N(\Omega_{N+1}) + \omega))$
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,1)-	$\psi(\Omega_{N+1} + M(2; \psi_N(\Omega_{N+1}) + 1) \cdot \omega)$
-(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + M(1; 1, 0, \psi_N(\Omega_{N+1}) + 1))$
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,1)-	$\psi(\Omega_{N+1} + M(2; \psi_N(\Omega_{N+1}) + 1)^{M(2; \psi_N(\Omega_{N+1}) + 1)})$
-(4,2,1)(5,2,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + \Omega_{M(2;\psi_N(\Omega_{N+1})+1)+1})$
-(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,1)-	$\psi(34N+1 + 34M(2;\psi_N(\Omega_{N+1})+1)+1)$
-(4,2,1)(5,2,1)(5,2,0)(6,3,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,1)	$\psi(\Omega_{N+1} + M(2; \psi_N(\Omega_{N+1}) + \omega))$ $\psi(\Omega_{N+1} + N^3 \cdot \omega)$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-\\ -(5,2,1)(5,2,1)(4,2,1)(5,2,1)(5,2,1)-\\ -(4,2,1)(5,2,1)(5,2,1)\\ -(4,2,1)(5,2,1)(5,2,1)$	$\psi(\Omega_{N+1} + M(3; \psi_N(\Omega_{N+1}) + \omega))$ $\psi(\Omega_{N+1} + N^4 \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)-$ $-(4,2,1)(5,2,1)(5,2,1)(5,0,0)$	$\psi(\Omega_{N+1} + M(\omega; \psi_N(\Omega_{N+1}) + 1))$ $\psi(\Omega_{N+1} + N^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)(5,2,0)(4,0,0)	$\psi(\Omega_{N+1} + M(1, 0; \psi_N(\Omega_{N+1}) + 1))$ $\psi(\Omega_{N+1} + M(1, 1; \psi_N(\Omega_{N+1}) + 1))$ $\psi(\Omega_{N+1} + N^N)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)(5,2,0)(4,2,1)(5,2,1)	$\psi(\Omega_{N+1} + M(1, 0; \psi_N(\Omega_{N+1}) + \omega))$ $\psi(\Omega_{N+1} + M(1, 1; \psi_N(\Omega_{N+1}) + 1) \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(5,2,1)(5,2,0)(4,2,1)(5,2,1)-$ $-(5,2,0)(6,3,0)$	$\psi(\Omega_{N+1} + \Omega_{M(1,1;\psi_N(\Omega_{N+1})+1)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(5,2,1)(5,2,0)-$ $-(4,2,1)(5,2,1)(5,2,1)$	$\psi(\Omega_{N+1} + M(1, 1; \psi_N(\Omega_{N+1}) + \omega))$ $\psi(\Omega_{N+1} + N^N \cdot \omega)$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- \\ -(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)- \\ -(5,2,1)(5,2,1)(5,2,0)(4,2,1)(5,2,1)- \\ -(5,2,1)(4,2,1)(5,2,1)(5,2,1)$	$\psi(\Omega_{N+1} + M(1, 2; \psi_N(\Omega_{N+1}) + \omega))$ $\psi(\Omega_{N+1} + N^{N+1} \cdot \omega)$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- \\ -(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)- \\ -(5,2,1)(5,2,1)(5,2,0)(4,2,1)(5,2,1)- \\ -(5,2,1)(5,2,0)(4,2,1)(5,2,1)(5,2,1)$	$\psi(\Omega_{N+1} + M(2, 1; \psi_N(\Omega_{N+1}) + \omega))$ $\psi(\Omega_{N+1} + N^{N \cdot 2} \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(5,2,1)(5,2,0)(5,2,0)(5,2,0)-$ $-(4,2,1)(5,2,1)(5,2,1)$	$\psi(\Omega_{N+1} + M(1, 0, 0, 1; \psi_N(\Omega_{N+1}) + \omega))$ $\psi(\Omega_{N+1} + N^{N^3} \cdot \omega)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + M(1@\omega; \psi_N(\Omega_{N+1}) + \omega))$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1}+N^{N^{\omega}})$
-(5,2,1)(5,2,1)(5,2,0)(6,0,0)	$\psi(\mathfrak{s}\mathfrak{s}_{N+1}+\mathfrak{s}_{N-1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1}+N^{N^N}\cdot\omega)$
-(5,2,1)(5,2,1)(5,2,0)(6,2,0)(4,2,1)-	$\varphi(\mathfrak{s}_{N+1} + \mathfrak{t}, \omega)$
-(5,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}))$
-(5,2,1)(5,2,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}) +$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	
-(5,2,1)(5,2,1)(5,2,0)(6,3,0)(4,2,0)	$\Omega_{\psi_N(\Omega_{N+1}+\psi_{\Omega_{N+1}}(\Omega_{N+1}))+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}) +$
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$M_{\psi_N(\Omega_{N+1}+\psi_{\Omega_{N+1}}(\Omega_{N+1}))+\omega})$
-(5,2,1)(5,2,1)(5,2,0)(6,3,0)(4,2,0)-	
-(5,3,1)(6,3,1)(7,3,1)(7,3,1)	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}) + N \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}) + N^{\omega})$
-(5,2,1)(5,2,1)(5,2,0)(6,3,0)(4,2,0)	$\psi(\mathfrak{s}^{2}N+1 \pm \psi\Omega_{N+1}(\mathfrak{s}^{2}N+1) \pm \mathfrak{t}^{\mathbf{v}})$
-(5,3,1)(6,3,1)(7,3,1)(7,3,1)(7,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,0)(3,2,1)(4,2,1)-	
-(5,2,1)(5,2,1)(5,2,0)(6,3,0)(4,2,0)	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}) \cdot 2)$
-(5,3,1)(6,3,1)(7,3,1)-	
-(7,3,1)(7,3,0)(8,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + 1))$
-(3,1,1)(3,1,0)(4,2,0)(2,1,1)	$\psi(\mathfrak{s}^{2}N+1 \pm \psi\Omega_{N+1}(\mathfrak{s}^{2}N+1 \pm 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \Omega))$
-(3,1,0)(4,2,0)(2,1,1)(3,1,0)	$\psi(32N+1+\psi\Omega_{N+1}(32N+1+32))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N))$
-(3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(\mathfrak{s}\mathfrak{s}N+1+\psi\Omega_{N+1}(\mathfrak{s}\mathfrak{s}N+1+\mathfrak{s}V))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,0,0) -	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_N(\Omega_{N+1}))$
-(1,1,1)(2,1,1)(3,1,1)-	$\psi(\mathfrak{d} \iota_{N+1} + \psi \Omega_{N+1}(\mathfrak{d} \iota_{N+1} + \iota_{N}) + \psi_{N}(\mathfrak{d} \iota_{N+1}))$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,0,0)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \Omega_{\psi_N(\Omega_{N+1})+1})$
-(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)-	$\psi(\mathfrak{d} \mathfrak{d} N+1 + \psi\Omega_{N+1}(\mathfrak{d} \mathfrak{d} N+1 + \mathfrak{d} V) + \mathfrak{d} \mathfrak{d} \psi_N(\Omega_{N+1})+1)$
-(4,2,0)(2,1,0)(3,2,0)	

BMS	反射 OCF (Buchholz-like)
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,0,0)-\\ -(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)-\\ -(4,2,0)(2,1,0)(3,2,1)-\\ -(4,2,1)(5,2,1)(5,2,1)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_N(\Omega_{N+1} + N \cdot \omega))$
$(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-\\ -(3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,0,0)-\\ -(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)-\\ -(4,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-\\ -(5,2,1)(5,2,0)(6,3,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_{N}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1})))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,0,0) - \\ -(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,0)(4,2,0)(2,1,1) \end{array} $	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_{N}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,0,0)-$ $-(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)-$ $-(4,2,0)(2,1,1)(3,1,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_{N}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \Omega)))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,1,0) - \\ -(3,2,1)(4,2,1)(5,2,1)(5,2,1)(5,2,0) - \\ -(6,3,0)(4,2,1)(5,2,0)(4,0,0) \end{array} $	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_{\psi_{N}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N))}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)(2,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \Omega_{\psi_{N}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N))}(\Omega_{N+1} + \psi_{N+1}(\Omega_{N+1} + N)) + 1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,1)(6,2,0)(7,3,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_{N}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_{\psi_{N}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N))}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N)) + \psi_{\Omega_{N+1}}(\Omega_{N+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,1)(3,1,0)(4,2,1)-$ $-(5,2,1)(6,2,1)(6,2,1)(6,2,0)(7,3,0)-$ $-(5,2,1)(6,2,0)(5,0,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_{N}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)(2,1,1)(3,1,1)	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_N(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N)) \cdot \omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,1)-$ $-(3,1,1)(3,1,0)(4,2,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \Omega_{\psi_{N}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N)) + 1})$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + N \cdot \omega)$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)(3,1,0)-	ab(O + b) = (O + N) + ab = (O + N)
-(4,2,1)(5,2,1)(6,2,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + \psi_{\Omega_{N+1}}(\Omega_{N+1}))$
-(6,2,1)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) \cdot 2)$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(6,2,0)-	$\psi(\mathfrak{U}_{N+1} + \psi_{\Omega_{N+1}}(\mathfrak{U}_{N+1} + \mathfrak{I}_{\mathbf{V}}) \cdot 2)$
-(7,3,0)(5,2,1)(6,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)(3,1,0)-	
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(6,2,0)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) \cdot 2 + N \cdot \omega)$
-(7,3,0)(5,2,1)(6,2,1)(6,2,0)-	
-(7,3,1)(8,3,1)(9,3,1)(9,3,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N + 1))$
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(\mathfrak{s} \mathfrak{s}_{N+1} + \psi \mathfrak{Q}_{N+1}(\mathfrak{s} \mathfrak{s}_{N+1} + \mathfrak{t} \mathfrak{v} + \mathfrak{t}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N \cdot 2))$
-(3,1,1)(2,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N \cdot 2 + 1))$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N^2))$
-(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N^2 + 1))$
-(3,1,0)(2,1,1)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N^3))$
-(3,1,1)(3,1,0)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1})))$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}) + N + 1))$
-(3,1,0)(4,2,0)(2,1,1)(3,1,1)(3,1,1)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(2,1,1)(3,1,1)(3,1,1)-$ $-(3,1,0)(4,2,0)(2,1,1)(3,1,1)-$ $-(3,1,1)(3,1,0)(4,2,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}) \cdot 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(3,1,0)(2,0,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(3,1,0)-$ $-(2,1,1)(3,1,0)(2,0,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N) + N))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(3,1,0)(3,1,0)(2,0,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + N \cdot 2)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(3,1,0)(4,2,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}))))$ $\psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1}))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(4,1,0)(5,2,0)$	$\psi(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1} + \psi_{\Omega_{N+1}}(\Omega_{N+1})))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(4,2,0)$	$\psi(\Omega_{N+1}\cdot 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,0)(5,3,0)$	$\psi(\Omega_{N+2})$ $\psi(2\text{nd } 2 \text{ aft } 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,1)	$\psi(\Omega_{N+\omega})$ $\psi(1-2 ext{ aft } 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-(3,1,0)(4,2,1)(5,2,1)(6,2,0)(5,0,0)	$\psi(I_{N+1})$ $\psi(2\ 1-2\ { m aft}\ 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)$	$\psi(I_{N+\omega})$ $\psi(1-2 \ 1-2 \ \text{aft} \ 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,0)(7,3,0)$	$\psi(\Omega_{M_{N+1}+1})$ $\psi(2 \text{ aft } 2-2 \text{ aft } 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)$	$\psi(M_{N+\omega})$ $\psi(N_2 \cdot \omega)$ $\psi(1-2-2 ext{ aft } 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,2,1)(5,2,1)(6,2,1)(6,2,1)$	$\psi(M(1; N+\omega))$ $\psi(N_2^2 \cdot \omega)$ $\psi(1-2-2\ 1-2-2\ \text{aft}\ 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,1)(5,2,1)-$ $-(6,2,1)(6,2,1)(6,0,0)$	$\psi(M(\omega; N+\omega))$ $\psi(N_2^{\omega})$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)(6,2,0)(5,2,1)(6,2,1)(6,2,1)	$\psi(M(1,1;N+\omega))$ $\psi(N_2^{N_2}\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)-$ $-(6,2,1)(6,2,0)(7,3,0)$	$\psi(\Omega_{N_2+1}) \ \psi(2 ext{ aft } 2 ext{nd } 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)(6,2,0)(7,3,1)(8,3,1)(9,3,1)(9,3,1)	$\psi(M_{N_2+\omega})$ $\psi(1-2-2 ext{ aft 2nd } 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)-$ $-(6,2,0)(7,3,1)(8,3,1)(9,3,1)-$ $-(9,3,1)(9,3,0)(10,4,0)$	$\psi(\Omega_{N_3+1})$ $\psi(2 ext{ aft } 3 ext{rd } 2-2-2)$
(0,0,0)(1,1,1)(2,1,1)- $-(3,1,1)(3,1,1)(3,1,1)$	$\psi(M(1;0;\omega))$ $\psi(N_{\omega})$ $\psi(1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)	$\psi(M(1;0;1,0)) \ \psi(2\ 1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(M(1;0;1,\omega)) \ \psi(1-2\ 1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(M(1;0;2,\omega))$ $\psi(1-2\ 1-2\ 1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-(3,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(M(1;0;1,0,0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-(3,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(\Omega_{M(1;1;0)+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(1;1;\omega)) \ \psi(1-2-2\ 1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,1)(2,1,1)(3,1,1)(3,1,1)-$ $-(2,1,1)(3,1,1)(3,1,1)$	$\psi(M(1;2;\omega)) \\ \psi(1-2-2\ 1-2-2\ 1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,1)(2,1,1)(3,1,1)-$ $-(3,1,1)(3,1,0)(4,2,0)$	$\psi(\Omega_{M(2;0;0)+1})$ $\psi(2 \text{ aft } 2-2-2 \ 1-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)(6,2,1)	$\psi(M(1;0;M(2;0;0)+\omega))$ $\psi(1-2-2-2 \text{ aft } 2-2-2 1-2-2-2)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1;1;M(2;0;0)+\omega))$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)-	$\psi(1-2-2 \ 1-2-2-2 \ \text{aft}$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(6,2,1)-	2-2-21-2-2-2
-(5,2,1)(6,2,1)(6,2,1)	z-z-z $1-z-z-z$)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,0)-	$\psi(\Omega_{M(2;0;1)+1})$
-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(6,2,1)-	$\psi(2 \text{ aft } 2\text{nd } 2 - 2 - 2 \ 1 - 2 - 2 - 2)$
-(5,2,1)(6,2,1)(6,2,1)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(2;0;\omega))$
-(3,1,1)(3,1,1)(2,1,1)-	$\psi(1-2-2-2\ 1-2-2-2)$
-(3,1,1)(3,1,1)(3,1,1)	ψ(1 2 2 21 2 2 2)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(2;1;\omega))$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2-2\ 1-2-2-2\ 1-2-2-2)$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)	γ(2 1
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(3;0;\omega))$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(1-2-2-2\ 1-2-2-2\ 1-2-2-2)$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)	φ(1 2 2 21 2 2 21 2 2 2)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(\omega;0;0))$
-(3,1,1)(3,1,1)(3,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(M(1,0;0;0))$
-(3,1,1)(3,1,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0;0;\omega))$
-(3,1,1)(3,1,0)(2,1,1)(3,1,1)	$\psi(M(1,0;1;0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,0;1;\omega))$
-(3,1,1)(3,1,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(M(1,1;0;0)\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,1)(3,1,0)(2,1,1)(3,1,1)-	$\psi(\Omega_{M(1,1;0;0)+1})$
-(3,1,1)(3,1,0)(4,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,1)(3,1,0)(2,1,1)-	$\psi(M(1,1;0;\omega))$
-(3,1,1)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,1)(3,1,0)(2,1,1)(3,1,1)(3,1,1)-	$\psi(M(1,2;0;\omega))$
-(3,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)-	
-(3,1,1)(3,1,0)(2,1,1)(3,1,1)-	$\psi(M(2,0;0;0))$
-(3,1,1)(3,1,1)(3,1,0)(2,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)(3,1,1)(3,1,1)	$\psi(M(2,1;0;\omega))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,1)(3,1,0)(3,1,0)(2,1,1) - \\ -(3,1,1)(3,1,1)(3,1,1) \end{array} $	$\psi(M(1,0,1;0;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,0)(3,1,0)(3,1,0)(2,1,1)(3,1,1)(3,1,1)(3,1,1)	$\psi(M(1,0,0,1;0;\omega))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,0)(4,0,0)	$\psi(M(1@\omega;0;0))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(2 \text{ aft } 2 - 2 - 2 - 2)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1) - \\ -(6,2,1)(6,2,1)(6,2,0)(7,3,0) \end{array} $	$\psi(2 \text{ aft } 2\text{nd } 2 - 2 - 2 - 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)	$\psi(1-2-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(1-2\ 1-2-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)- $-(3,1,1)(3,1,1)(2,1,1)(3,1,1)-$ $-(3,1,1)(3,1,1)(3,1,1)$	$\psi(1-2-2-2-2\ 1-2-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)(3,0,0)	$\psi((2-2-2-2\ 1-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(2\ 1 - (2 - 2 - 2 - 2\ 1 -)^{(1,0)})$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) - \\ -(3,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1) - \\ -(3,1,1)(3,1,1)(3,1,1)(3,1,0)(2,0,0) \end{array} $	$\psi((2-2-2-2\ 1-)^{(2,0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)	$\psi((2-2-2-2\ 1-)^{(1,0,0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,0)(4,0,0)	$\psi((2-2-2-2\ 1-)^{(1@\omega)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(2 \text{ aft } 2 - 2 - 2 - 2 - 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)	$\psi(1-2-2-2-2-2)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)(3,1,1)	$\psi(1-2-2-2-2-2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,0,0)	$\psi((2-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(2,1,0)(3,2,0)$	$\psi(2 \text{ aft } (2-)^{\omega})$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,0,0) - \\ -(2,1,0)(3,2,1)(4,2,1)(5,2,1)(6,0,0) \end{array} $	$\psi(2\mathrm{nd}\ (2-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(2,1,1)$	$\psi(1-(2-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(2,1,1)(3,1,0)(2,0,0)$	$\psi(2\ 1-(2-)^\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(2,1,1)(3,1,1)$	$\psi(1-2\ 1-(2-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (4,0,0)(2,1,1)(3,1,1)(3,1,1)	$\psi(1-2-2\ 1-(2-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(2,1,1)(3,1,1)(4,0,0)$	$\psi((2-)^{\omega} \ 1 - (2-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)- $-(3,1,1)(4,0,0)(3,0,0)$	$\psi(((2-)^{\omega}\ 1-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(3,1,0)(2,0,0)$	$\psi(((2-)^{\omega} 1-)^{(1,0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,0,0) - (3,1,0)(2,1,1)(3,1,1)(4,0,0)	$\psi(((2-)^{\omega} 1-)^{(1,1)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(3,1,0)(3,1,0)(2,0,0)$	$\psi(((2-)^{\omega} 1-)^{(1,0,0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(3,1,0)(4,2,0)$	$\psi(2 \text{ aft } (2-)^{\omega+1})$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,0,0) - \\ -(3,1,0)(4,2,1)(5,2,1)(6,2,1) - \\ -(7,0,0)(6,2,0)(7,3,0) \end{array} $	$\psi(2 \text{ aft } 2\text{nd } (2-)^{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(3,1,1)$	$\psi(1-(2-)^{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,0,0) - (3,1,1)(2,1,1)(3,1,1)(4,0,0)(3,1,1)	$\psi(1-(2-)^{\omega+1}\ 1-(2-)^{\omega+1})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(3,1,1)(3,1,0)(4,2,0)$	$\psi(2 \text{ aft } (2-)^{\omega+2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(3,1,1)(3,1,1)$	$\psi(1-(2-)^{\omega+2})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,0,0)(3,1,1)(4,0,0)$	$\psi((2-)^{\omega\cdot 2})$

BMS	反射 OCF (Buchholz-like)
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) \right $	$\psi((2-)^\Omega)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi((2-)^{(1,0)})$
-(3,1,1)(4,1,0)(2,0,0)	$\psi((2-)^{*})$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(1-(2-)^{(1,0)})$
-(3,1,1)(4,1,0)(2,1,1)	$\psi((2\ 1-(2-)^{(1,0)})\cdot\omega)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2\ 1-(2-)^{(1,0)})$
-(4,1,0)(2,1,1)(3,1,1)	$\psi(1-2,1-(2-))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	$\psi((2-)^{(1,0)} \ 1 - (2-)^{(1,0)})$
-(2,1,1)(3,1,1)(4,1,0)(2,0,0)	$\psi((2-)) = 1-(2-)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(((2-)^{(1,0)} \ 1-)^{(1,0)})$
-(4,1,0)(3,1,0)(2,0,0)	Y(((2) 1)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 \text{ aft } (2-)^{(1,1)})$
-(4,1,0)(3,1,0)(4,2,0)	γ (- 300 (E))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-(2-)^{(1,1)})$
-(4,1,0)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-(2-)^{(1,2)})$
-(4,1,0)(3,1,1)(3,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((2-)^{(2,0)})$
-(4,1,0)(3,1,1)(4,1,0)(2,0,0)	
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1) - \\ -(4,1,0)(4,1,0)(2,0,0) \end{vmatrix} $	$\psi((2-)^{(1,0,0)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,0,0)	$\psi((2-)^{(1@\omega)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
$\begin{array}{c c} -(4,1,0)(5,1,0)(2,0,0) \\ \end{array}$	$\psi((2-)^{(1@(1,0))})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_3)$
(0,0,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{K+1})$
-(3,1,1)(4,1,0)(5,2,0)	$\psi(2 \text{ aft } 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	, , ,
-(4,1,0)(5,2,0)(1,1,1)(2,1,1)-	$\psi(\Omega_{K+1} + \psi_K(\Omega_{K+1}))$
-(3,1,1)(4,1,0)(5,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	*/(O + V)
-(4,1,0)(5,2,0)(2,1,0)(3,2,0)	$\psi(\Omega_{K+1}+K)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{K+1}+K^2\times\omega)$
-(4,2,1)(5,2,1)(5,2,1)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{K+1}+K^\omega)$
-(4,2,1)(5,2,1)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{K+1} + K^{\omega} \times \omega)$
-(4,2,1)(5,2,1)(6,0,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)	$\psi(\Omega_{K+1} + K^{\omega+1} \times \omega)$
-(4,2,1)(5,2,1)(6,0,0)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{K+1} + K^{\omega \times 2})$
-(5,2,1)(6,0,0)(5,2,1)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{K+1} + K^{\psi_K(\Omega_{K+1} + K)})$
-(4,2,1)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{K+1}+K^K)$
-(4,2,1)(5,2,1)(6,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{K+1} + K^K \times \omega)$
-(4,2,1)(5,2,1)(6,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(1-2\ 1-\{\psi_K(\Omega_{K+1}+K^K\times x)\})$
-(5,2,1)(6,2,0)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{K+1} + K^{K+1} + K)$
-(5,2,1)(6,2,0)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{K+1} + K^{K+1} \times \omega)$
-(4,2,1)(5,2,1)(6,2,0)(5,2,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{K+1} + K^{K \times 2})$
-(5,2,1)(6,2,0)(5,2,1)(6,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{K+1} + K^{K^2})$
-(5,2,1)(6,2,0)(6,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	v
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{K+1} + K^{K^K})$
-(5,2,1)(6,2,0)(7,2,0)(4,0,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(2,1,0)(3,2,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1}))$
-(4,2,1)(5,2,1)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,0)(2,1,0)(3,2,1)(4,2,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1}) + K)$
-(5,2,1)(6,2,0)(7,3,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$ab(O) + ab + (O) + V^K$
-(6,2,0)(7,3,0)(4,2,0)(5,3,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1}) + K^K)$
-(6,3,1)(7,3,1)(8,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1}) + K^{K^K})$
-(6,2,0)(7,3,0)(4,2,0)(5,3,1)-	$\psi(\mathfrak{U}_{K+1} + \psi_{\Omega_{K+1}}(\mathfrak{U}_{K+1}) + \mathbf{\Lambda})$
-(6,3,1)(7,3,1)(8,3,0)(9,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)-	
-(5,2,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)-	$ab(\Omega + ab) (\Omega + b) \times 2$
-(6,2,0)(7,3,0)(4,2,0)(5,3,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1}) \times 2)$
-(6,3,1)(7,3,1)(8,3,0)(9,4,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + 1))$
-(4,1,0)(5,2,0)(2,1,1)	$\psi(\mathfrak{U}_{K+1} + \psi_{\Omega_{K+1}}(\mathfrak{U}_{K+1} + \mathfrak{I}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2 \ 1-\{\Omega_{K+1}+\psi_{\Omega_{K+1}}(\Omega_{K+1}+x)\})$
-(4,1,0)(5,2,0)(2,1,1)(3,1,1)	$\psi(1-2,1-\{\mathfrak{s}_{K+1}+\psi\Omega_{K+1}(\mathfrak{s}_{K+1}+x)\})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K) + K)$
-(4,1,0)(5,2,0)(3,1,0)(4,2,0)	$\psi(\mathfrak{U}_{K+1}+\psi\Omega_{K+1}(\mathfrak{U}_{K+1}+\mathbf{K})+\mathbf{K})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K) +$
-(4,1,0)(5,2,0)(3,1,0)(4,2,1)-	
-(5,2,1)(6,2,1)(7,2,0)(8,3,0)	$\psi_{\Omega_{K+1}}(\Omega_{K+1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,0)(5,2,0)(3,1,0)(4,2,1)(5,2,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K) \times 2 + K)$
-(6,2,1)(7,2,0)(8,3,0)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K + 1))$
-(4,1,0)(5,2,0)(3,1,1)	$\psi(\mathfrak{s}\mathfrak{s}_{K+1} + \mathfrak{s} \psi\Omega_{K+1}(\mathfrak{s}\mathfrak{s}_{K+1} + \mathfrak{n} + \mathfrak{1}))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K + 2))$
-(4,1,0)(5,2,0)(3,1,1)(2,1,1)	$\psi(\mathfrak{s}\mathfrak{s}_{K+1} + \psi\Omega_{K+1}(\mathfrak{s}\mathfrak{s}_{K+1} + K + 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K \times 2) + K)$
-(4,1,0)(5,2,0)(3,1,1)(3,1,0)(4,2,0)	$\psi(\mathfrak{s}_{K+1} + \psi\Omega_{K+1}(\mathfrak{s}_{K+1} + \mathbf{n} \wedge 2) + \mathbf{n})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K \times 2 + 1))$
-(4,1,0)(5,2,0)(3,1,1)(3,1,1)	$\psi(\mathfrak{s}\iota_{K+1} + \psi\Omega_{K+1}(\mathfrak{s}\iota_{K+1} + \mathbf{N} \times 2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K^2))$
-(4,1,0)(5,2,0)(3,1,1)(4,1,0)(2,0,0)	$\psi(\mathfrak{s}\iota_{K+1} + \psi_{\Omega_{K+1}}(\mathfrak{s}\iota_{K+1} + K))$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)(5,2,0)(3,1,1)(4,1,0)(3,1,0)(4,2,0)	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K^2) + K)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (4,1,0)(5,2,0)(3,1,1)(4,1,0)(3,1,1)	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K^2 + 1))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,0)(5,2,0)(3,1,1)(4,1,0)-$ $-(3,1,1)(4,1,0)(2,0,0)$	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K^2 \times 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) - (5,2,0)(3,1,1)(4,1,0)(4,1,0)(2,0,0)	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K^3))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) - (5,2,0)(3,1,1)(4,1,0)(5,1,0)(2,0,0)	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + K^K))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) - \\ -(5,2,0)(3,1,1)(4,1,0)(5,2,0) \end{array} $	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1})))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)(5,2,0)(4,0,0)	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + 1)))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-(4,1,0)(5,2,0)(4,1,0)(5,2,0)	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1}))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,0)(5,2,0)(5,1,0)(6,2,0)$	$\psi(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1} + \psi_{\Omega_{K+1}}(\Omega_{K+1})))))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,0)(5,2,0)(5,2,0)$	$\psi(\Omega_{K+1} \times 2)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,0)(5,2,0)(6,3,0)$	$\psi(\mathrm{2nd}\; 2\; \mathrm{aft}\; 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)(5,2,1)	$\psi(1-2 \text{ aft } 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)(5,2,1)(6,2,1)(7,2,1)(7,2,1)	$\psi(1-2-2 \text{ aft } 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) - (5,2,1)(6,2,1)(7,2,1)(8,0,0)	$\psi((2-)^{\omega} \text{ aft } 3)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) - \\ -(5,2,1)(6,2,1)(7,2,1)(8,0,0)(7,2,1) \end{array} $	$\psi(1-(2-)^{\omega+1} \text{ aft } 3)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) \\ -(5,2,1)(6,2,1)(7,2,1)(8,2,0)(7,2,1) \end{array} $	$\psi(1-(2-)^{(1,1)} \text{ aft } 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,0)(5,2,1)(6,2,1)(7,2,1)-$ $-(8,2,0)(7,2,1)(8,2,0)(7,2,1)$	$\psi(1-(2-)^{(2,1)} \text{ aft } 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)- -(5,2,1)(6,2,1)(7,2,1)(8,2,0)(9,3,0)	$\psi(2 ext{ aft 2nd 3})$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)(5,2,1)(6,2,1)(7,2,1)(8,2,0)(9,3,1)(10,3,1)(11,3,1)(12,3,0)(13,4,0)	$\psi(2 ext{ aft 3rd 3})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)	$\psi(1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,1)(2,1,0)(3,2,1)(4,2,1)-$ $-(5,2,1)(6,2,0)(7,3,0)$	$\psi(2 \text{ aft } 3 \text{ aft } 1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)- $-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(6,2,1)$	$\psi(2{ m nd}\ 1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)(2,1,1)	$\psi(1-1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)(2,1,1)(3,1,1)	$\psi(1-2\ 1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)(2,1,1)(3,1,1)(3,1,1)	$\psi(1-2-2\ 1-3)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1) - \\ -(2,1,1)(3,1,1)(4,1,0)(2,0,0) \end{array} $	$\psi((2-)^{(1,0)} \ 1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)- $-(2,1,1)(3,1,1)(4,1,0)(2,1,1)$	$\psi(1-(2-)^{(1,0)} 1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)- $-(2,1,1)(3,1,1)(4,1,0)(3,1,1)$	$\psi(1-(2-)^{(1,1)}\ 1-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,1)(2,1,1)(3,1,1)(4,1,0)-$ $-(3,1,1)(4,1,0)(2,0,0)$	$\psi((2-)^{(2,0)}\ 1-3)$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1) - \\ -(2,1,1)(3,1,1)(4,1,0)(5,2,0) \end{vmatrix} $	$\psi(2 \text{ aft } 3 1 - 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,1)(2,1,1)(3,1,1)(4,1,1)$	$\psi(1-3\ 1-3)$
(0,0,0)(1,1,1)(2,1,1)- $-(3,1,1)(4,1,1)(3,0,0)$	$\psi((3\ 1-)^{\omega})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)(3,1,0)(2,1,1)(3,1,1)(4,1,1)	$\psi(1-(3\ 1-)^{(1,1)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,1)(3,1,0)(4,2,0)$	$\psi(2 \text{ aft } 2-3)$
(0,0,0)(1,1,1)(2,1,1)- -(3,1,1)(4,1,1)(3,1,1)	$\psi(1-2-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)- $-(4,1,1)(3,1,1)(3,1,1)$	$\psi(1-2-2-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)(3,1,1)(4,1,0)(2,0,0)	$\psi((2-)^{(1,0)}3)$

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(((2-)^{(1,0)}3\ 1-)^{(1,0)})$
-(3,1,1)(4,1,0)(3,1,0)(2,0,0)	$\psi(((2-)^{(1)})^{(2)})$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-(2-)^{(1,1)}3)$
-(4,1,1)(3,1,1)(4,1,0)(3,1,1)	$\psi(1-(2-)^{\gamma/2}3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	al/(2 aft 2 2 2 2)
-(4,1,1)(3,1,1)(4,1,0)(5,2,0)	$\psi(2 \text{ aft } 3 \ 2 - 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3\ 2-3)$
-(4,1,1)(3,1,1)(4,1,1)	$\psi(1-3 2-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-3\ 2-3)$
-(4,1,1)(3,1,1)(4,1,1)(3,1,1)	$\psi(1-2-3 2-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-3\ 2-3\ 2-3)$
-(3,1,1)(4,1,1)(3,1,1)(4,1,1)	$\psi(1-32-32-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((3\ 2-)^{(1,0)})$
-(4,1,1)(4,1,0)(2,0,0)	$\psi((32-))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-3\ 1-(3\ 2-)^{(1,0)})$
-(4,1,0)(2,1,1)(3,1,1)(4,1,1)	$\varphi(1 0 1 (0 2))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,1)(4,1,0)(2,1,1)(3,1,1)-	$\psi((3\ 2-)^{(1,0)}1-(3\ 2-)^{(1,0)})$
-(4,1,1)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(((3\ 2-)^{(1,0)}\ 1-)^{(1,0)})$
-(4,1,1)(4,1,0)(3,1,0)(2,0,0)	ψ(((0 2) 1))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-(3\ 2-)^{(1,0)})$
-(4,1,1)(4,1,0)(3,1,1)	Ψ(1 - (0 -))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-(3\ 2-)^{(1,1)})$
-(4,1,1)(4,1,0)(3,1,1)(4,1,1)	7 (- (-))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 \text{ aft } 3-3)$
-(4,1,1)(4,1,0)(5,2,0)	, ()
(0,0,0)(1,1,1)(2,1,1)-	$\psi(1-3-3)$
-(3,1,1)(4,1,1)(4,1,1)	, (5 5)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-1-3-3)$
-(4,1,1)(4,1,1)(2,1,1)	/
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(3-3\ 1-3-3)$
-(4,1,1)(2,1,1)(3,1,1)(4,1,1)(4,1,1)	, (9)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-3-3)$
-(4,1,1)(4,1,1)(3,1,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3\ 2-3-3)$
-(4,1,1)(4,1,1)(3,1,1)(4,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-3-3\ 2-3-3)$
-(4,1,1)(3,1,1)(4,1,1)(4,1,1)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,1)(4,1,1)(3,1,1)(4,1,1)-	$\psi(1-3-3\ 2-3-3\ 2-3-3)$
-(4,1,1)(3,1,1)(4,1,1)(4,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((3-3\ 2-)^{(1,0)})$
-(4,1,1)(4,1,1)(4,1,0)(2,0,0)	$\psi((3-3 2-))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-(3-32-)^{(1,1)})$
-(4,1,1)(4,1,0)(3,1,1)(4,1,1)(4,1,1)	$\psi(1-(3-32-))$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 \text{ aft } 3 - 3 - 3)$
-(4,1,1)(4,1,1)(4,1,0)(5,2,0)	$\psi(2 \text{ art } 3-3-3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3-3-3)$
-(4,1,1)(4,1,1)(4,1,1)	$\psi(1 3 3 3)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3-3-3-3)$
-(4,1,1)(4,1,1)(4,1,1)(4,1,1)	ψ(1 3 3 3 3)
(0,0,0)(1,1,1)(2,1,1)-	$\psi((3-)^{\omega})$
-(3,1,1)(4,1,1)(5,0,0)	Ψ((σ')')
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((3-)^{(1,0)})$
-(4,1,1)(5,1,0)(2,0,0)	Ψ((σ')
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-(3-)^{(1,0)})$
-(4,1,1)(5,1,0)(2,1,1)	Ψ(1 (0))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	
-(4,1,1)(5,1,0)(2,1,1)(3,1,1)-	$\psi((3-)^{(1,0)}\ 1-(3-)^{(1,0)})$
-(4,1,1)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(((3-)^{(1,0)}1-)^{(1,0)})$
-(4,1,1)(5,1,0)(3,1,0)(2,0,0)	7 (((0) -))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-(3-)^{(1,0)})$
-(4,1,1)(5,1,0)(3,1,1)	
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1) - \right $	$\psi((3-)^{(1,0)} 2 - (3-)^{(1,0)})$
-(5,1,0)(3,1,1)(4,1,1)(5,1,0)(2,0,0)	, ((°), – (°),
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(((3-)^{(1,0)}2-)^{(1,0)})$
-(4,1,1)(5,1,0)(4,1,0)(2,0,0)	, (((-)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-(3-)^{(1,1)})$
-(4,1,1)(5,1,0)(4,1,1)	, (-) ,
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-(3-)^{(1,2)})$
-(4,1,1)(5,1,0)(4,1,1)(4,1,1)	
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi((3-)^{(2,0)})$
-(5,1,0)(4,1,1)(5,1,0)(2,0,0)	τ ((~))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 ext{ aft } 4)$
-(4,1,1)(5,1,0)(6,2,0)	
(0,0,0)(1,1,1)(2,1,1)	$\psi(1-4)$
-(3,1,1)(4,1,1)(5,1,1)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-1-4)$
-(4,1,1)(5,1,1)(2,1,1)	$\psi(1-1-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-4\ 1-4)$
-(5,1,1)(2,1,1)(3,1,1)(4,1,1)(5,1,1)	$\psi(1-4 1-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 \text{ aft } 2-4)$
-(4,1,1)(5,1,1)(3,1,0)(4,2,0)	$\psi(z \text{ art } z - 4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-4)$
-(4,1,1)(5,1,1)(3,1,1)	$\psi(1-2-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi(1-4\ 2-4)$
-(5,1,1)(3,1,1)(4,1,1)(5,1,1)	$\psi(1-42-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 \text{ aft } 3-4)$
-(4,1,1)(5,1,1)(4,1,0)(5,2,0)	$\varphi(z \text{ and } \sigma + 1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3-4)$
-(4,1,1)(5,1,1)(4,1,1)	$\psi(1-3-4)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-4\ 3-4)$
-(4,1,1)(5,1,1)(4,1,1)(5,1,1)	$\psi(1 + 1 0 + 1)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 \text{ aft } 4-4)$
-(4,1,1)(5,1,1)(5,1,0)(6,2,0)	$\varphi(z \text{ art } + +)$
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-4-4)$
-(4,1,1)(5,1,1)(5,1,1)	Ψ(1 1 1)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((4-)^\omega)$
-(4,1,1)(5,1,1)(6,0,0)	Ψ((1))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi((4-)^{(1,0)})$
-(4,1,1)(5,1,1)(6,1,0)(2,0,0)	Ψ((1))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-(4-)^{(1,0)})$
-(4,1,1)(5,1,1)(6,1,0)(2,1,1)	7 (- (-)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-2-(4-)^{(1,0)})$
-(4,1,1)(5,1,1)(6,1,0)(3,1,1)	7 (-)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-3-(4-)^{(1,0)})$
-(4,1,1)(5,1,1)(6,1,0)(4,1,1)	7(- 5 (-))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-(4-)^{(1,1)})$
-(4,1,1)(5,1,1)(6,1,0)(5,1,1)	Ψ(- (-))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)-	$\psi((4-)^{(2,0)})$
-(5,1,1)(6,1,0)(5,1,1)(6,1,0)(2,0,0)	7 ((-))
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(2 ext{ aft } 5)$
-(4,1,1)(5,1,1)(6,1,0)(7,2,0)	φ (2 ων σ)
(0,0,0)(1,1,1)(2,1,1)(3,1,1)-	$\psi(1-5)$
-(4,1,1)(5,1,1)(6,1,1)	
$ \left (0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1) - \right $	$\psi(2 ext{ aft } 6)$
-(5,1,1)(6,1,1)(7,1,0)(8,2,0)	

BMS	反射 OCF (Buchholz-like)
(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (4,1,1)(5,1,1)(6,1,1)(7,1,1)	$\psi(1-6)$
(0,0,0)(1,1,1)(2,2,0)	$\psi(\mathrm{psd}.\Pi_{\omega})$ $\psi(\lambda\alpha.\alpha+1-\Pi_{0})$

A.12 BMS vs 稳定 OCF(梅天狸.ver)

本节的结果主要引自[6,24-28]。

BMS	
(0,0,0)(1,1,1)(2,2,0)	$\psi(\Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(1,1,1)	$\psi((\Pi_1 -)^{(\min \Pi_1 - \Pi_2)} \text{ aft } \Pi_{\omega})$ $\psi((\lambda \alpha . (\alpha + 1) - \Pi_0) + \Omega_{\omega})$
(0,0,0)(1,1,1)(2,2,0)(1,1,1)(2,2,0)	$\frac{\psi((\lambda \alpha.(\alpha+1) - \Pi_0) + \Omega_{\omega})}{\psi(2\operatorname{nd} (\Pi_1 -)^{(\min \Pi_{\omega})})}$ $\psi((\lambda \alpha.(\alpha+1) - \Pi_0) \cdot 2)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)	$\psi((\lambda \alpha.(\alpha + 1) - \Pi_0) \cdot 2)$ $\psi((\Pi_1 -)^{(\Pi_1 -)^{(\Pi_2 \text{ aft } \Pi_\omega)}})$ $\psi((\lambda \alpha.(\alpha + 1) - {}_0) \cdot \Omega)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi((\lambda \alpha.(\alpha+1) - {}_{0}) \cdot \Omega)$ $\psi((\Pi_{1}-)^{(\Pi_{1}-)^{(2\operatorname{nd}\ \Pi_{\omega})}})$
-(2,1,0)(1,1,1)(2,2,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0)^2)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,0)	$\psi((\Pi_1-)^{1,0} \text{ aft } \Pi_\omega)$ $\psi(\psi_{\Omega_{(\lambda\alpha.(\alpha+1)-\Pi_0)}+1}(0))$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_2 \text{ aft } \Pi_\omega)$
-(2,1,0)(3,2,0)(4,2,0)	$\psi(\Omega_{(\lambda\alpha.(\alpha+1)-\Pi_0)+1})$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)	$\psi(\Pi_1 - \Pi_2 \text{ aft } \Pi_{\omega})$ $\psi(\Omega_{(\lambda \alpha, (\alpha+1) - \Pi_0) + \omega})$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_1 - \Pi_1 - \Pi_2 \text{ aft } \Pi_\omega)$
-(2,1,0)(3,2,1)(4,2,1)	$\psi(\Omega_{(\lambdalpha.(lpha+1)-\Pi_0)+\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)-	$\psi(\Pi_1 - \Pi_2 \ \Pi_1 - \Pi_2 \ \text{aft} \ \Pi_{\omega})$
-(3,2,1)(4,2,1)(5,2,1)	$\psi(I_{(\lambda\alpha.(\alpha+1)-\Pi_0)+\omega})$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)-	$\psi(\Pi_1 - \Pi_3 \text{ aft } \Pi_\omega)$
-(3,2,1)(4,2,1)(5,2,1)(6,2,1)	$\psi(K_{(\lambda\alpha.(\alpha+1)-\Pi_0)+\omega})$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)-	$\psi(\Pi_1 - \Pi_4 \text{ aft } \Pi_{\omega})$
-(4,2,1)(5,2,1)(6,2,1)(7,2,1)	$\psi(\Pi_1 - \Pi_4 \text{ art } \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)- $-(2,1,0)(3,2,1)(4,3,0)$	$\psi(\mathrm{2nd}\ \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)- $-(4,3,0)(4,2,0)(5,3,1)(6,4,0)$	$\psi({ m 3rd}\ \Pi_\omega)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(2,1,1)	$\psi(\Pi_1-\Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(2,1,1)	$\psi(\Pi_1 - \Pi_1 - \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,0)	$\psi((\Pi_1-)^{(\min \Pi_2)\Pi_\omega})$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)- $-(3,1,0)(1,1,1)(2,2,0)$	$\psi((\Pi_1-)^{(\min \Pi_\omega)} \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)- $-(2,1,1)(3,1,0)(2,0,0)$	$\psi((\Pi_1-)^{1,0}\ \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)- $-(3,1,0)(2,1,1)(3,1,0)(2,0,0)$	$\psi(\Pi_2 \ \Pi_1 - \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 \ \Pi_1 - \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)- $-(2,1,1)(3,1,1)(4,1,1)$	$\psi(\Pi_1 - \Pi_3 \ \Pi_1 - \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)	$\psi(\Pi_{\omega} \ \Pi_1 - \Pi_{\omega})$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)- $-(3,2,0)(3,1,0)(2,0,0)$	$\psi((\Pi_{\omega} \ \Pi_1 -)^{\omega} \ \Pi_{\omega})$
(0,0,0)(1,1,1)(2,2,0)- $-(2,1,1)(3,2,0)(3,1,1)$	$\psi(\Pi_1 - \Pi_2 - \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)-(3,2,0)(3,1,1)(4,1,1)	$\psi(\Pi_1 - \Pi_3 \ \Pi_2 - \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)- $-(3,2,0)(3,1,1)(4,2,0)$	$\psi(\Pi_{\omega} \ \Pi_2 - \Pi_{\omega})$
(0,0,0)(1,1,1)(2,2,0)(2,1,1) - (3,2,0)(3,1,1)(4,2,0)(4,1,1)	$\psi(\Pi_1 - \Pi_3 - \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0) - (3,1,1)(4,2,0)(4,1,1)(5,2,0)(5,1,1)	$\psi(\Pi_1 - \Pi_4 - \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,2,0)	$\psi(\Pi_{\omega}-\Pi_{\omega})$
(0,0,0)(1,1,1)(2,2,0)(2,2,0)(2,2,0)	$\psi(\Pi_{\omega} - \Pi_{\omega} - \Pi_{\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,0,0)	$\psi((\Pi_{\omega}-)^{\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,0,0)	$\psi((\Pi_{\omega}-)^{1,0})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,1,1)	$\psi(1-(\Pi_{\omega}-)^{1,0})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0) - (2,1,1)(3,2,0)(4,1,0)(2,0,0)	$\psi((\Pi_{\omega}-)^{1,0}\ 1-(\ _{\omega}-)^{1,0})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,1,1)-(3,2,0)(4,1,0)(2,1,1)(3,1,0)(2,0,0)	$\psi(((\Pi_{\omega}-)^{1,0}\ 1-)^{1,0}\ (\Pi_{\omega}-)^{1,0})$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,1,0)- $-(2,1,1)(3,2,0)(4,1,0)(3,1,1)$	$\psi(2-(\Pi_\omega-)^{1,0})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,2,0)	$\psi((\Pi_\omega-)^{1,1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(4,2,0)	$\psi((\Pi_1-)^{1,0} \text{ aft } \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)	$\psi(\Pi_1 - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,1,1)	$\psi(\Pi_1-\Pi_1-\Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 \ \Pi_1 - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)- $-(3,1,1)(2,1,1)(3,2,0)$	$\psi(\Pi_{\omega} \ \Pi_1 - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)- $-(2,1,1)(3,2,0)(4,1,1)$	$\psi(\Pi_1 - \Pi_{\omega+1} \ \Pi_1 - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1) - (2,1,1)(3,2,0)(4,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)- $-(2,1,1)(3,2,0)(4,1,1)-$ $-(3,1,1)(4,2,0)(5,1,1)(4,1,1)$	$\psi(\Pi_1 - \Pi_3 - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,2,0)	$\psi(\Pi_{\omega}-\Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,2,0)(2,2,0)	$\psi(\Pi_{\omega}-\Pi_{\omega}-\Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)- $-(2,2,0)(3,1,0)(2,0,0)$	$\psi((\Pi_{\omega}-)^{1,0}\ \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)- $-(3,1,1)(2,2,0)(3,1,1)$	$\psi(\Pi_1 - \Pi_{\omega+1} \ \Pi_{\omega} - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_{\omega+1} - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,0,0)	$\psi((\Pi_{\omega+1}-)^{\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,1,1)	$\psi(\Pi_1 - \Pi_{\omega+2})$
(0,0,0)(1,1,1)(2,2,0)- $-(3,1,1)(4,1,1)(5,1,1)$	$\psi(\Pi_1 - \Pi_{\omega+3})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,2,0)	$\psi(\Pi_{\omega \cdot 2})$ $\psi(\lambda \alpha . (\alpha + 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0) - (3,1,1)(4,2,0)(2,2,0)	$\psi(\Pi_{\omega}-\Pi_{\omega\cdot 2})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1) - (4,2,0)(2,2,0)(3,1,1)	$\psi(\Pi_1 - \Pi_{\omega+1} \ \Pi_{\omega} - \Pi_{\omega \cdot 2})$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_{\omega\cdot 2} \Pi_{\omega}-\Pi_{\omega\cdot 2})$
-(4,2,0)(2,2,0)(3,1,1)(4,2,0)	$\psi(\Pi_{\omega \cdot 2} \ \Pi_{\omega} - \Pi_{\omega \cdot 2})$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_1-\Pi_{\omega+1}-\Pi_{\omega:2})$
-(3,1,1)(4,2,0)(3,1,1)	$\psi(\Pi_1 - \Pi_{\omega+1} - \Pi_{\omega\cdot 2})$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_1-\Pi_{\omega+2}-\Pi_{\omega\cdot 2})$
-(3,1,1)(4,2,0)(4,1,1)	$\varphi(\Pi_1 \Pi_{\omega+2} \Pi_{\omega\cdot 2})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1-\Pi_{\omega+3}-\Pi_{\omega\cdot 2})$
-(4,2,0)(4,1,1)(5,2,0)(5,1,1)	γ (1ω ₊ 3ω ₋₂)
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_{\omega\cdot 2}-\Pi_{\omega\cdot 2})$
-(3,1,1)(4,2,0)(4,2,0)	7 (w·2)
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_1 - \Pi_{\omega \cdot 2+1})$
-(3,1,1)(4,2,0)(5,1,1)	, (1 w·2 1)
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1-\Pi_{\omega\cdot 2+2})$
-(4,2,0)(5,1,1)(6,1,1)	γ (1ω·2+2)
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_{\omega\cdot 3})$
-(3,1,1)(4,2,0)(5,1,1)(6,2,0)	$\psi(\lambda\alpha.(\alpha+3)-\Pi_0)$
(0.0.0)(1.1.1)(0.0.0)(2.0.0)	$\psi(\Pi_{\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	$\psi(\lambda \alpha.(\alpha+\omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	//
-(2,1,1)(3,2,0)(4,2,0)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \Pi_{\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)	$\psi(\Pi_\omega-\Pi_{\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	м/П П)
-(2,2,0)(3,1,1)(4,2,0)	$\psi(\Pi_{\omega\cdot 2}-\Pi_{\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(2,2,0)(3,1,1)(4,2,0)(5,2,0)-	$\psi(\Pi_{\omega\cdot 3}-\Pi_{\omega^2})$
-(4,2,0)(5,1,1)(6,2,0)	
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_{\omega^2}-\Pi_{\omega^2})$
-(3,2,0)(2,2,0)(3,2,0)	$\psi(\Pi_{\omega^2} - \Pi_{\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,0,0)	$\psi((\Pi_{\omega^2}-)^\omega)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi((\Pi_{\omega^2}-)^{1,0})$
-(3,2,0)(3,1,0)(2,0,0)	$\psi((\Pi_{\omega^2}-)^{-\epsilon})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)	$\psi(\Pi_1 - \Pi_{\omega^2 + 1})$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_1 - \Pi_{\omega^2+2})$
-(3,2,0)(3,1,1)(4,1,1)	$\psi(\Pi_1 - \Pi_{\omega^2+2})$
(0,0,0)(1,1,1)(2,2,0)-	e//П)
-(3,2,0)(3,1,1)(4,2,0)	$\psi(\Pi_{\omega^2+\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \Pi_{\omega^2 + \omega + 1})$
-(3,1,1)(4,2,0)(5,1,1)	$\psi(\Pi_1 - \Pi_{\omega^2 + \omega + 1})$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	.l.(II
-(3,1,1)(4,2,0)(5,1,1)(6,2,0)	$\psi(\Pi_{\omega^2+\omega\cdot 2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	/
-(3,1,1)(4,2,0)(5,2,0)	$\psi(\Pi_{\omega^2 \cdot 2})$
(0.0.0)(1.1.1)(0.0.0)(0.0.0)(0.0.0)	$\psi(\Pi_{\omega^3})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,2,0)	$\psi(\lambda\alpha.(\alpha+\omega^2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_{\omega^4})$
-(3,2,0)(3,2,0)(3,2,0)	$\psi(\lambda lpha.(lpha+\omega^3)-\Pi_0)$
	$\psi(\Pi_{\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,0,0)	, (20)
(0.0.0)(1.1.1)(2.2.0)	$\psi(\lambda\alpha.(\alpha+\omega^{\omega})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_1-\Pi_{\omega^\omega})$
-(3,2,0)(4,0,0)(2,1,1)	
(0,0,0)(1,1,1)(2,2,0) - (3,2,0)(4,0,0)(2,2,0)	$\psi(\Pi_\omega-\Pi_{\omega^\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,0,0)(2,2,0)(3,2,0)(4,0,0)	$\psi(\Pi_{\omega^\omega}-\Pi_{\omega^\omega})$
(0,0,0)(1,1,1)(2,2,0)	
-(3,2,0)(4,0,0)(3,1,1)	$\psi(\Pi_1-\Pi_{\omega^\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,0,0)(3,1,1)(4,2,0)(5,2,0)	$\psi(\Pi_{\omega^\omega+\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,0,0)-	
-(3,1,1)(4,2,0)(5,2,0)(6,0,0)	$\psi(\Pi_{\omega^{\omega}\cdot 2})$
(0,0,0)(1,1,1)(2,2,0)-	
-(3,2,0)(4,0,0)(3,2,0)	$\psi(\Pi_{\omega^{\omega+1}})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,0,0)(3,2,0)(3,2,0)	$\psi(\Pi_{\omega^{\omega+2}})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	(477
-(4,0,0)(3,2,0)(4,0,0)	$\psi(\Pi_{\omega^{\omega\cdot 2}})$
(0,0,0)(1,1,1)(2,2,0)-	(/H)
-(3,2,0)(4,0,0)(4,0,0)	$\psi(\Pi_{\omega^{\omega^2}})$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_{\psi(0)})$
-(3,2,0)(4,0,0)(5,1,0)	$\psi(\lambda \alpha.(\alpha + \varepsilon_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\psi(\Pi_{\omega})})$
-(4,0,0)(5,1,1)(6,2,0)	$\psi(\lambda \alpha.(\alpha + \psi(\lambda \alpha.(\alpha + 1) - \Pi_0)) - \Pi_0)$
	$\psi(\Pi_{\Pi_2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda\alpha.(\alpha+\Omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)-	
-(3,2,0)(4,1,0)(1,1,1)	$\psi(\Pi_{\Pi_1-\Pi_2})$
(0,2,0)(1,1,0)(1,1,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0) - (4,1,0)(1,1,1)(2,2,0)	$\psi(\Pi_{\Pi_{\omega}})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0) - (4,1,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{\Pi_\Omega})$
	$\psi(\alpha \to \Pi_{\alpha})$
(0,0,0)(1,1,1)(2,2,0)	$\psi(\Pi_{1,0})$
-(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0 \text{ aft } \lambda\alpha.(\alpha\cdot 2)-\Pi_0)$
-(4,1,0)(2,1,0)(3,2,1)(4,3,0)	, (, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0) - (2,1,0)(3,2,1)(4,3,0)(5,3,0)(6,1,0)	$\psi(\lambda\alpha.(\alpha+\Omega)-\Pi_0 \text{ aft } \lambda\alpha.(\alpha\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\alpha+\lambda\alpha.(\alpha\cdot2)$
-(2,1,0)(3,2,1)(4,3,0)(5,3,0)(6,1,0)	
-(1,1,1)(2,2,0)(3,2,0)(4,1,0)(2,0,0)	$-\Pi_0$) $-\Pi_0$ aft $\lambda \alpha . (\alpha \cdot 2) - \Pi_0$)
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(2\mathrm{nd}\ \lambda\alpha.(\alpha\cdot2)-\Pi_0)$
-(4,1,0)(2,1,0)(3,2,1)(4,3,0)-	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 \text{ aft } \lambda\alpha.(\alpha\cdot 2) - \Pi_0)$
-(5,3,0)(6,2,0)(4,0,0)	φ(λα.(α 2) 110 απ λα.(α 2) 110)
(0,0,0)(1,1,1)(2,2,0)-	$\psi(1-(\lambda\alpha.(\alpha\cdot 2){0}))$
-(3,2,0)(4,1,0)(2,1,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	$\psi(1-2\ 1-(\lambda\alpha.(\alpha\cdot 2)-\Pi_0))$
-(4,1,0)(2,1,1)(3,1,1)	//) / + 1) H 1 /) / 9) H))
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0\ 1-(\lambda\alpha.(\alpha\cdot2)-\Pi_0))$
-(4,1,0)(2,1,1)(3,2,0)	$\psi(\Pi_{\omega} \ \Pi_1 - \Pi_{1,0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0) - (2,1,1)(3,2,0)(4,2,0)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 \ 1 - (\lambda\alpha.(\alpha\cdot 2) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(2,1,1)(3,2,0)(4,2,0)(5,1,0)(3,1,1)	$\psi(1-2-(\lambda\alpha.(\alpha\cdot2)-\Pi_0))$
(0,0,0)(1,1,1)(2,2,0)-	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0)-(\lambda\alpha.(\alpha\cdot 2)-\Pi_0))$
-(3,2,0)(4,1,0)(2,2,0)	$\psi(\Pi_\omega-\Pi_{1,0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(1-(\lambda\alpha.(\alpha+1)-\Pi_1)(\lambda\alpha.(\alpha+1)-\Pi_0)$
-(4,1,0)(2,2,0)(3,1,1)	$(\lambda lpha.(lpha \cdot 2) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(2,2,0)(3,1,1)(4,2,0)	$\psi((\lambda\alpha.(\alpha\cdot 2) - \Pi_0)(\lambda\alpha.(\alpha+1) - \Pi_0)$
-(5,2,0)(6,1,0)(2,0,0)	$-(\lambda lpha.(lpha \cdot 2) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	и/(1 () o. (o. + 1) П)
-(4,1,0)(2,2,0)(3,1,1)(4,2,0)-	$\psi(1-(\lambda\alpha.(\alpha+1)-\Pi_1)$
-(5,2,0)(6,1,0)(3,1,1)	$-(\lambda \alpha.(\alpha \cdot 2) - \Pi_0))$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\lambda \alpha.(\alpha+2) - \Pi_0)$
-(4,1,0)(2,2,0)(3,1,1)(4,2,0)	
-(5,2,0)(6,1,0)(4,2,0)	$-(\lambda\alpha.(\alpha\cdot2)-\Pi_0))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\lambda \alpha.(\alpha + \omega) - \Pi_0) - (\lambda \alpha.(\alpha \cdot 2) - \Pi_0))$
-(4,1,0)(2,2,0)(3,2,0)	$\psi((\lambda \alpha.(\alpha + \omega) - \Pi_0) - (\lambda \alpha.(\alpha \cdot 2) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\lambda\alpha.(\alpha+\omega^2)-\Pi_0)-(\lambda\alpha.(\alpha\cdot 2)-\Pi_0))$
-(4,1,0)(2,2,0)(3,2,0)(3,2,0)	$\varphi((\lambda \alpha.(\alpha + \omega) - 110) - (\lambda \alpha.(\alpha - 2) - 110))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\lambda\alpha.(\alpha+\Omega)-\Pi_0)-(\lambda\alpha.(\alpha\cdot 2)-\Pi_0))$
-(4,1,0)(2,2,0)(3,2,0)(4,1,0)	φ ((πατία + 33) - 110) (πατία - 2) - 110))
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(2,2,0)(3,2,0)(4,1,0)-	$\psi((\lambda \alpha.(\alpha + \lambda \alpha.(\alpha \cdot 2) - \Pi_0) - \Pi_0) - (\lambda \alpha.(\alpha \cdot 2) - \Pi_0))$
-(1,1,1)(2,2,0)(3,2,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(2,2,0)(3,2,0)(4,1,0)(1,1,1)-	$\psi((\lambda\alpha.(\alpha+(\lambda\alpha.(\alpha+\Omega)-\Pi_0)$
-(2,2,0)(3,2,0)(4,1,0)(2,2,0)-	$-(\lambda\alpha.(\alpha\cdot 2)-\Pi_0))-\Pi_0)-(\lambda\alpha.(\alpha\cdot 2)-\Pi_0))$
-(3,2,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi((\lambda\alpha.(\alpha\cdot 2)-\Pi_0)$
-(2,2,0)(3,2,0)(4,1,0)(2,0,0)	$-(\lambda lpha.(lpha \cdot 2) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,0)-	$\psi((\lambda\alpha.(\alpha\cdot 2)-\Pi_0-)^{\omega})$
-(3,2,0)(4,1,0)(3,0,0)	$\psi((\lambda \alpha.(\alpha \cdot 2) - \Pi_0 -))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\lambda\alpha.(\alpha\cdot 2)-\Pi_0-)^{1,0})$
-(4,1,0)(3,1,0)(2,0,0)	φ((λα.(α 2) 110))
(0,0,0)(1,1,1)(2,2,0)-	$\psi(1-(\lambda\alpha.(\alpha\cdot2)-\Pi_1))$
-(3,2,0)(4,1,0)(3,1,1)	$\psi(\Pi_1-\Pi_{1,1})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(1-(\lambda\alpha.(\alpha\cdot 2)-\Pi_2))$
-(4,1,0)(3,1,1)(4,1,1)	$\psi(1-(\lambda\alpha.(\alpha\cdot 2)-\Pi_2))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\alpha \cdot 2 + 1) - \Pi_0)$
-(4,1,0)(3,1,1)(4,2,0)	$\psi(\Pi_{1,\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot 2+2)-\Pi_0)$
-(4,1,0)(3,1,1)(4,2,0)(5,1,1)(6,2,0)	$\psi(\Pi_{1,\omega \cdot 2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot 2+\omega)-\Pi_0)$
-(4,1,0)(3,1,1)(4,2,0)(5,2,0)	$\psi(\Pi_{1,\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\alpha \cdot 2 + \omega^2) - \Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(5,2,0)	
	$\frac{\psi(\Pi_{1,\omega^3})}{\psi(\lambda\alpha.(\alpha\cdot 2+\Omega)-\Pi_0)}$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)	$\psi(\Pi_{1,\Omega})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda\alpha.(\alpha\cdot 2 + \lambda\alpha.(\alpha\cdot 2) - \Pi_0) - \Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(1,1,1)-	$\psi(\Pi_{1,\Pi_{1,0}})$
-(2,2,0)(3,2,0)(4,1,0)(2,0,0)	7 (1,111,0 /

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(1,1,1)-	$\psi(\lambda\alpha.(\alpha\cdot 2 + \lambda\alpha.(\alpha\cdot 2$
-(2,2,0)(3,2,0)(4,1,0)(3,1,1)-	$+\lambda \alpha.(\alpha\cdot 2)-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,2,0)(5,2,0)(6,1,0)(1,1,1)-	$\psi(\Pi_{1,\Pi_{1,\Pi_{1,\Omega}}})$
-(2,2,0)(3,2,0)(4,1,0)(2,0,0)	, , 1,11,07
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\alpha\cdot 3) - \Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(2,0,0)	$\psi(\Pi_{2,0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)-	$\psi((\lambda\alpha.(\alpha\cdot3)-\Pi_0)-(\lambda\alpha.(\alpha\cdot3)-\Pi_0))$
-(4,2,0)(5,2,0)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(1-(\lambda\alpha.(\alpha\cdot3)-\Pi_1))$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(5,1,1)	$\psi(1-(\lambda\alpha.(\alpha\cdot 3)-\Pi_1))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(3,1,1)(4,2,0)(5,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot3+1)-\Pi_0)$
-(6,1,0)(5,1,1)(6,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambdalpha.(lpha\cdot4)-\Pi_0)$
-(4,1,0)(3,1,1)(4,2,0)(5,2,0)(6,1,0)-	$\psi(\Pi_{3.0})$
-(5,1,1)(6,2,0)(7,2,0)(8,1,0)(2,0,0)	$\psi(\Pi_{3,0})$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda \alpha.(\alpha \cdot \omega) - \Pi_0)$
-(3,2,0)(4,1,0)(3,2,0)	$\psi(\Pi_{\omega,0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(1-(\lambdalpha.(lpha\cdot\omega)-\Pi_1))$
-(4,1,0)(3,2,0)(3,1,1)	$\psi(1 - (\lambda \alpha.(\alpha \cdot \omega) - 11_1))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\alpha \cdot \omega + 1) - \Pi_0)$
-(4,1,0)(3,2,0)(3,1,1)(4,2,0)	$\varphi(\lambda \alpha.(\alpha \cdot \omega + 1) - 11_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(3,2,0)(3,1,1)(4,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot\omega+\alpha)-\Pi_0)$
-(5,2,0)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(3,2,0)(3,1,1)(4,2,0)-	$\psi(\lambda \alpha.(lpha \cdot \omega \cdot 2) - \ _0)$
-(5,2,0)(6,1,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot\omega^2)-\Pi_0)$
-(4,1,0)(3,2,0)(3,2,0)	γ (rest(s: 12) ==0)
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot\omega^\omega)-\Pi_0)$
-(4,1,0)(3,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\alpha\cdot\Omega)-\Pi_0)$
-(4,1,0)(3,2,0)(4,1,0)	$\psi(\Pi_{\Pi_2,0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\alpha\cdot\lambda\alpha.(\alpha+1)-\Pi_0)-\Pi_0)$
-(3,2,0)(4,1,0)(1,1,1)(2,2,0)	$\psi(\Pi_{\Pi_\omega,0})$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot\lambda\alpha.(\alpha\cdot2)-\Pi_0)-\Pi_0)$
-(4,1,0)(3,2,0)(4,1,0)(1,1,1)-	
-(2,2,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\Pi_{\Pi_{1,0},0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,2,0)(4,1,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot\lambda\alpha.(\alpha\cdot\lambda\alpha.(\alpha\cdot2)-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,1,0)(3,2,0)(4,1,0)(1,1,1)-	$\psi(\Pi_{\Pi_{\Pi_1,0},0},_0)$
-(2,2,0)(3,2,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha^2)-\Pi_0)$
-(4,1,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\Pi_{1,0,0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(1-(\lambda\alpha.(\alpha^2)-\Pi_1))$
-(4,1,0)(3,2,0)(4,1,0)(3,1,1)	$\psi(\Pi_1-\Pi_{1,0,1})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\alpha^2+1)-\Pi_0)$
-(3,2,0)(4,1,0)(3,1,1)(4,2,0)	$\psi(\Pi_{1,0,\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha^2+\alpha)-\Pi_0)$
-(4,1,0)(3,2,0)(4,1,0)(3,1,1)-	$\psi(\Pi_{1,1,0})$
-(4,2,0)(5,2,0)(6,1,0)(2,0,0)	$\psi(11_{1,1,0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha^2\cdot 2)-\Pi_0)$
-(4,1,0)(3,2,0)(4,1,0)(3,1,1)(4,2,0)-	$\psi(\Pi_{2,0,0})$
-(5,2,0)(6,1,0)(5,2,0)(6,1,0)(2,0,0)	. , , .
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha^2\cdot\omega)-\Pi_0)$
-(4,1,0)(3,2,0)(4,1,0)(3,2,0)	$\psi(\Pi_{\omega,0,0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\alpha^3)-\Pi_0)$
-(3,2,0)(4,1,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\Pi_{1,0,0,0})$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda \alpha.(\alpha^{\omega}) - \Pi_0)$
-(3,2,0)(4,1,0)(4,0,0)	$\psi(\Pi_{1@\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\alpha^{lpha}) - \Pi_0)$
-(4,1,0)(4,1,0)(2,0,0)	$\psi(\Pi_{1@(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\alpha^{\alpha+1}) - \Pi_0)$
-(4,1,0)(4,1,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\Pi_{1@(1,1)})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\alpha^{\alpha\cdot2})-\Pi_0)$
-(4,1,0)(3,2,0)(4,1,0)(4,1,0)(2,0,0)	$\psi(\Pi_{1@(2,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\alpha^{\alpha \cdot \omega}) - \Pi_0)$
-(4,1,0)(4,1,0)(4,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\frac{\psi(\Pi_{1@(\omega,0)})}{\psi(\lambda\alpha.(\alpha^{\alpha^2}) - \Pi_0)}$
-(4,1,0)(4,1,0)(4,1,0)(2,0,0)	$\psi(\Pi_{1@(1,0,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\alpha^{\alpha^{\alpha}}) - \Pi_0)$
-(4,1,0)(5,1,0)(2,0,0)	$\psi(\Pi_{1@(1@(1,0))})$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\alpha^{\alpha^{\alpha^{\alpha}}})-\Pi_0)$
-(4,1,0)(5,1,0)(6,1,0)(2,0,0)	$\psi(\Pi_{1@(1@(1.0(1.0)))})$
	$\psi(\lambda \alpha.(\varepsilon_{\alpha+1}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)$
-(3,2,0)(4,1,0)(5,2,0)	$\psi(\Pi_{1@(1@(1@(\dots)))})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(5,2,0)(3,1,1)	$\psi(1-(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0))-\Pi_1))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(5,2,0)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0)+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(5,2,0)(3,1,1)(4,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0) + \alpha) - \Pi_0)$
-(5,2,0)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(5,2,0)(3,1,1)(4,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0)\cdot 2) - \Pi_0)$
-(5,2,0)(6,1,0)(7,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$ah(\lambda a, (ab, (0), a)) = \Pi(\lambda a, (ab, (0), a))$
-(4,1,0)(5,2,0)(3,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)\cdot\omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)\cdot \alpha) - \Pi_0)$
-(5,2,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi\Omega_{\alpha+1}(0)\cdot\alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)^2) - \Pi_0)$
-(5,2,0)(3,2,0)(4,1,0)(5,2,0)	$\psi(\lambda\alpha.(\psi\Omega_{\alpha+1}(0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)^{\psi_{\Omega_{\alpha+1}}(0)}) - \Pi_0)$
-(4,1,0)(5,2,0)(4,1,0)(5,2,0)	$\psi(\lambda \alpha.(\psi \Omega_{\alpha+1}(0))) = \Pi_0$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(1)) - \Pi_0)$
-(4,1,0)(5,2,0)(5,2,0)	$\psi(\mathcal{M}.(\psi\Omega_{n+1}(1)))$ $\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\omega)) - \Pi_0)$
-(4,1,0)(5,2,0)(6,0,0)	$\varphi(\mathcal{M}_{\alpha+1}(\omega))$ Π_0
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\alpha)) - \Pi_0)$
-(4,1,0)(5,2,0)(6,1,0)(2,0,0)	$\varphi(\mathcal{M}(\varphi M_{\alpha+1}(\alpha))) = \Pi(0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(0))) - \Pi_0)$
-(4,1,0)(5,2,0)(6,1,0)(7,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_0)$
-(4,1,0)(5,2,0)(6,2,0)	$\psi(\lambda lpha.(\zeta_{lpha+1}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}^{\Omega_{\alpha+1}})) - \Pi_0)$
-(4,1,0)(5,2,0)(6,2,0)(7,2,0)	$\psi(\lambda\alpha.(\Gamma_{\alpha+1}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(5,2,0)(6,3,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+2}}(0))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+2})) - \Pi_0)$
-(4,1,0)(5,2,0)(6,3,0)(7,3,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(2 \ aft \ \Omega_{\alpha+1})) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+\omega})) - \Pi_0)$
-(3,2,0)(4,1,0)(5,2,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(1-2\ aft\ \Omega_{\alpha+1}))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(I_{\alpha+\omega})) - \Pi_0)$
-(4,1,0)(5,2,1)(6,2,1)(7,2,1)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(1-2\ 1-2\ \text{aft}\ \Omega_{\alpha+1}))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(K_{\alpha+\omega})) - \Pi_0)$
-(5,2,1)(6,2,1)(7,2,1)(8,2,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(1-3 \text{ aft } \Omega_{\alpha+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(5,2,1)(6,3,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\beta+1)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\beta+\alpha)-\Pi_0))-\Pi_0)$
-(5,2,1)(6,3,0)(7,3,0)(8,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\beta+\alpha)-\Pi_0))-\Pi_0))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \beta.(\beta + \psi_{\Omega_{\alpha+1}}(0)) - \Pi_0)) - \Pi_0)$
-(5,2,1)(6,3,0)(7,3,0)(8,1,0)(9,2,0)	$\psi(\wedge \alpha.(\psi \Omega_{\alpha+1}(\wedge \beta.(\beta+\psi \Omega_{\alpha+1}(0))-\Pi_0))-\Pi_0))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\beta+\Omega_{\alpha+1})-\Pi_0))-\Pi_0)$
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)	$\varphi \left(\text{Not} \left(\varphi M_{\alpha+1} \left(\text{Not} \left(\text{Not} \left(\text{Not} \right) \right) \right) \right) \right) = 0$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \beta.(\beta + \Omega_{\alpha+\omega}) - \Pi_0)) - \Pi_0)$
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)(5,2,1)	γ (γα+1 (γ γ γ α α γ σ γ σ γ σ γ σ γ σ γ σ γ σ γ σ γ σ γ
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\beta\cdot 2)-\Pi_0))-\Pi_0)$
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)(6,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	() () () () () () () () () () () () () (
-(4,1,0)(5,2,1)(6,3,0)(7,3,0)(8,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\beta\cdot3)-\Pi_0))-\Pi_0)$
-(6,3,0)(7,3,0)(8,2,0)(6,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \beta.(\beta^2) - \Pi_0)) - \Pi_0)$
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\beta_{-})-\Pi_{0}))-\Pi_{0})$
$\frac{-(7,3,0)(8,2,0)(6,0,0)}{(0,0,0)(1,1,1)(2,2,0)(3,2,0)}$	
-(4,1,0)(5,2,1)(6,3,0)(7,3,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \beta.(\beta^{\beta}) - \Pi_0)) - \Pi_0)$
-(8,2,0)(8,2,0)(6,0,0)	$\psi(\lambda \alpha.(\psi \Omega_{\alpha+1}(\lambda \beta.(\beta^{-}) - \Pi_{0})) - \Pi_{0})$
$\frac{(0,2,0)(0,2,0)(0,0,0)}{(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)}$	
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)(9,3,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \beta.(\psi_{\Omega_{\beta+1}}(0)) - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(5,2,1)(6,3,0)(7,3,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\Omega_{\beta+1}))-\Pi_0))-\Pi_0)$
-(8,2,0)(9,3,0)(10,3,0)	$f(x,y) = \frac{1}{2} 1$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)(9,3,1)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\Omega_{\beta+\omega})) - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,0)(5,2,1)(6,3,0)(7,3,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\lambda\gamma.(\gamma+1)-\Pi_0))-\Pi_0))-\Pi_0))$
-(8,2,0)(9,3,1)(10,4,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)(9,3,1)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \gamma.(\gamma \cdot 2) - \Pi_0)) - \Pi_0)) - \Pi_0))$
-(10,4,0)(11,4,0)(12,3,0)(10,0,0)	

BMS	稳定 OCF
(0.0.0)(1.1.1)(0.0.0)(9.0.0)(4.1.1)	$\psi(\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)	$\psi(\lambda \alpha.(2 \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)-	//1 () (О) П))
-(3,2,0)(4,1,1)(2,1,1)	$\psi(1-(\lambda\alpha.(\Omega_{\alpha+1})-\Pi_1))$
(0,0,0)(1,1,1)(2,2,0)-	//() · (· + 1) · · · · () · · (O ·) · · · · ·)
-(3,2,0)(4,1,1)(2,2,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0)-(\lambda\alpha.(\Omega_{\alpha+1})-\Pi_1))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\lambda \alpha.(\alpha + \omega) - \Pi_0) - (\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1))$
-(4,1,1)(2,2,0)(3,2,0)	$\psi((\lambda \alpha.(\alpha+\omega)-\Pi_0)-(\lambda \alpha.(\Omega_{\alpha+1})-\Pi_1))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi((\lambda \alpha.(\alpha \cdot 2) - \Pi_0) - (\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1))$
-(2,2,0)(3,2,0)(4,1,0)(2,0,0)	$\psi((\lambda \alpha.(\alpha\cdot 2)-\Pi_0)-(\lambda \alpha.(22_{\alpha+1})-\Pi_1))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1) - (\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1))$
-(4,1,1)(2,2,0)(3,2,0)(4,1,1)	$\psi((\wedge \alpha.(32\alpha+1) - \Pi_1) - (\wedge \alpha.(32\alpha+1) - \Pi_1))$
(0,0,0)(1,1,1)(2,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+1})-\Pi_1-)^{\omega})$
-(3,2,0)(4,1,1)(3,0,0)	$\varphi((\wedge \alpha.(32\alpha+1) - 11_1))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+1})-\Pi_1-)^{1,0})$
-(4,1,1)(3,1,0)(2,0,0)	$\varphi((n\alpha,(03\alpha+1)-111-))$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(1-(\lambda\alpha.(\Omega_{\alpha+1})-\Pi_2))$
-(3,2,0)(4,1,1)(3,1,1)	φ (1 ((\cdot, α_{+1}) 112))
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(1-(\lambda\alpha.(\Omega_{\alpha+1})-\Pi_3))$
-(4,1,1)(3,1,1)(4,1,1)	7 (- ((4+1)3))
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+1)-\Pi_0)$
-(4,1,1)(3,1,1)(4,2,0)	γ(···· (α ₇ 1 · ·) 0)
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\omega)-\Pi_0)$
-(4,1,1)(3,1,1)(4,2,0)(5,2,0)	((((((((((((((((((((
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha)-\Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(2,0,0)	, (
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(1 - (\lambda \alpha . (\Omega_{\alpha+1} + \alpha \cdot 2) - \Pi_1))$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(5,1,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)	(1) (0) (1) (1)
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(5,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha\cdot 2)-\Pi_0)$
-(6,2,0)(7,2,0)(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1} + \alpha \cdot \omega) - \Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	(1) (0) (2) (7)
-(4,1,1)(3,1,1)(4,2,0)(5,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha^2)-\Pi_0)$
-(6,1,0)(5,2,0)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	(1) (2) (3) (3)
-(4,1,1)(3,1,1)(4,2,0)(5,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha^{\alpha})-\Pi_0)$
-(6,1,0)(6,1,0)(2,0,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	//\ (Q
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(7,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(3,1,1)(4,2,0)(5,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(1)) - \Pi_0)$
-(6,1,0)(7,2,0)(7,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(3,1,1)(4,2,0)(5,2,0)	$\psi(\lambda \alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_0)$
-(6,1,0)(7,2,0)(8,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+\omega})) - \Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(7,2,1)	$\psi(\lambda\alpha.(3\iota_{\alpha+1}+\psi\Omega_{\alpha+1}(3\iota_{\alpha+\omega}))=110)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(3,1,1)(4,2,0)(5,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\lambda \beta.(\beta+1) - \Pi_0)) - \Pi_0)$
-(6,1,0)(7,2,1)(8,3,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(3,1,1)(4,2,0)(5,2,0)(6,1,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\beta\cdot 2)-\Pi_0))-\Pi_0)$
-(7,2,1)(8,3,0)(9,3,0)(10,2,0)(8,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)	$\psi(\lambda \alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\lambda \beta.(\Omega_{\beta+1}) - \Pi_1)) - \Pi_0)$
-(7,2,1)(8,3,0)(9,3,0)(10,2,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)	$\psi(\lambda \alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(1 - (\lambda \beta.(\Omega_{\beta+1}) - \Pi_2))) - \Pi_0)$
-(7,2,1)(8,3,0)(9,3,0)(10,2,1)(9,2,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(7,2,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\lambda \beta.(\Omega_{\beta+1} + \beta) - \Pi_0)) - \Pi_0)$
-(8,3,0)(9,3,0)(10,2,1)(9,2,1)-	$\gamma \left(\frac{1}{2} \frac{1}{\alpha + 1} + \frac{1}{\gamma} \frac{1}{2} \frac{1}{\alpha + 1} \left(\frac{1}{\gamma} \frac{1}{\gamma} \frac{1}{\gamma} - \frac{1}{\gamma} \right) - \frac{1}{2} \frac{1}{\gamma} \right)$
-(10,3,0)(11,3,0)(12,2,0)(8,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(7,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}})\lambda\beta.(\Omega_{\beta+1})$
-(8,3,0)(9,3,0)(10,2,1)(9,2,1)-	$+\psi_{\Omega_{\beta+1}}(0))-\Pi_0))-\Pi_0)$
-(10,3,0)(11,3,0)(12,2,0)(13,3,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 2)-\Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,1)	, (()
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 3) - \Pi_0)$
-(5,1,1)(6,2,0)(7,2,0)(8,1,1)	
(0,0,0)(1,1,1)(2,2,0)	$\psi(\lambda \alpha.(\Omega_{\alpha+1}\cdot\omega)-\Pi_0)$
-(3,2,0)(4,1,1)(3,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\alpha)-\Pi_0)$
-(4,1,1)(3,2,0)(4,1,0)(2,0,0)	γ ((α+1 ω) 120)

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1} \cdot \psi_{\Omega_{\alpha+1}}(0)) - \Pi_0)$
-(4,1,1)(3,2,0)(4,1,0)(5,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1} \cdot \psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_0)$
-(3,2,0)(4,1,0)(5,2,0)(6,2,0)	$\psi(\lambda\alpha.(2\iota_{\alpha+1}\cdot\psi\Omega_{\alpha+1}(2\iota_{\alpha+1}))=\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1} \cdot \psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+\omega})) - \Pi_0)$
-(4,1,1)(3,2,0)(4,1,0)(5,2,1)	$\psi(\mathcal{M}\alpha.(\mathfrak{ss}_{\alpha+1},\psi\mathfrak{M}_{\alpha+1}(\mathfrak{ss}_{\alpha+\omega})))$ 110)
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1} \cdot \psi_{\Omega_{\alpha+1}}(\lambda \beta.(\beta+1) - \Pi_0)) - \Pi_0)$
-(3,2,0)(4,1,0)(5,2,1)(6,3,0)	$\varphi(\wedge \alpha \cdot (\square \alpha + 1 \varphi \cdot \Omega_{\alpha+1}(\wedge \beta \cdot (\beta + 1) \square 0))) \square 0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\Omega_{\beta+1})-\Pi_0))-\Pi_0)$
-(5,2,1)(6,3,0)(7,3,0)(8,2,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(3,2,0)(4,1,0)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\Omega_{\beta+1}\cdot\omega)-\Pi_0))-\Pi_0)$
-(6,3,0)(7,3,0)(8,2,1)(7,3,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1} \cdot \psi_{\Omega_{\alpha+1}}(\lambda \beta.(\Omega_{\beta+1}$
-(3,2,0)(4,1,0)(5,2,1)(6,3,0)(7,3,0)-	$\psi_{\Omega_{\beta+1}}(\lambda\gamma.(\gamma+1)-\Pi_0))-\Pi_0))-\Pi_0)$
-(8,2,1)(7,3,0)(8,2,0)(9,3,1)(10,4,0)	$\psi\Omega_{\beta+1}(\lambda\gamma,(\gamma+1)-\Pi_0))=\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1}{}^2) - \Pi_0)$
-(4,1,1)(3,2,0)(4,1,1)	$\varphi(n\alpha.(32\alpha+1))$ $\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1}{}^3) - \Pi_0)$
-(3,2,0)(4,1,1)(3,2,0)(4,1,1)	$\varphi(\lambda\alpha.(32a+1)) = \Pi(0)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1}{}^{\omega}) - \Pi_0)$
-(3,2,0)(4,1,1)(4,0,0)	$\psi(n\alpha,(12\alpha+1))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda lpha.(\Omega_{lpha+1}{}^{lpha})-\Pi_0)$
-(4,1,1)(4,1,0)(2,0,0)	$\varphi(n\alpha,(12\alpha+1))$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}{}^{\psi_{\Omega_{\alpha+1}}(0)})-\Pi_0)$
-(3,2,0)(4,1,1)(4,1,0)(5,2,0)	$\varphi(n\alpha,(3\alpha+1))$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1}{}^{\Omega_{\alpha+1}}) - \Pi_0)$
-(3,2,0)(4,1,1)(4,1,1)	φ (Nec. (45 α +1) 110)
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1}{}^{\Omega_{\alpha+1}{}^2}) - \Pi_0)$
-(4,1,1)(4,1,1)(4,1,1)	$\varphi(n\omega_0\omega_0+1)$ 110)
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1}{}^{\Omega_{\alpha+1}{}^{\omega}}) - \Pi_0)$
-(3,2,0)(4,1,1)(5,0,0)	γ ((υσα+1
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+1}{}^{\Omega_{\alpha+1}{}^{\Omega_{\alpha+1}}}) - \Pi_0)$
-(3,2,0)(4,1,1)(5,1,1)	$\varphi(\alpha(32\alpha+1))$ 110)
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(0)) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,0)	$\psi(\gamma \omega . (\psi \Omega_{\alpha+2}(0))) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})) - \Pi_0)$
-(4,1,1)(5,2,0)(6,2,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}\cdot 2)) - \Pi_0)$
$\frac{-(5,2,0)(6,2,0)(5,2,0)(6,2,0)}{(0,0,0)(1,1,1)(2,2,0)(3,2,0)}$	·
-(4,1,1)(5,2,0)(6,2,0)(6,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{2}))-\Pi_{0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(5,2,0)(6,2,0)(7,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}{}^{\alpha}))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}{}^{\Omega_{\alpha+1}})) - \Pi_0)$
-(4,1,1)(5,2,0)(6,2,0)(7,1,1)	$\psi(\lambda\alpha.(\psi\Omega_{\alpha+2}(^{1}2\alpha+2)))=\Pi_{0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}{}^{\psi_{\Omega_{\alpha+2}}(0)})) - \Pi_0)$
-(5,2,0)(6,2,0)(7,1,1)(8,2,0)	/ (/ssa+2(a+2 //)/ s/
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}{}^{\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}{}^{\Omega_{\alpha+1}})})) - \Pi_0)$
-(4,1,1)(5,2,0)(6,2,0)(7,1,1) - (8,2,0)(9,2,0)(10,1,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}, \mathcal{U}_{\alpha+2}, \mathcal{U}_{\alpha+2})) - \Pi_0)$
	(0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\Omega_{\alpha+2}})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}{}^{\Omega_{\alpha+2}{}^{\Omega_{\alpha+2}}})) - \Pi_0)$
-(3,2,0)(4,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,3,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(0))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,0)(4,3,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+3})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+\omega})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(I_{\alpha+\omega})) - \Pi_0)$
-(3,3,1)(4,3,1)(5,3,1)	$\varphi\left(\mathcal{M}(\varphi_{3L_{\alpha+2}}(\Gamma_{\alpha+\omega}))\right)$ 120)
(0,0,0)(1,1,1)(2,2,0)(3,3,1)(4,4,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\beta+1)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\beta+\alpha)-\Pi_0))-\Pi_0)$
-(4,4,0)(5,4,0)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,3,1) - (4,4,0)(5,4,0)(6,3,0)(4,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\beta\cdot 2)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)-	
-(4,4,0)(5,4,0)(6,3,0)(7,4,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \beta.(\psi_{\Omega_{\beta+1}}(0)) - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \beta.(\Omega_{\beta+1}) - \Pi_1)) - \Pi_0)$
-(4,4,0)(5,4,0)(6,3,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\Omega_{\beta+1})-\Pi_1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\Omega_{\beta+1}{}^{\Omega_{\beta+1}})-\Pi_0))-\Pi_0)$
-(4,4,0)(5,4,0)(6,4,0)	/ (γονα+2 (π (ρ 1)0/)0/
(0,0,0)(1,1,1)(2,2,0) - (3,3,1)(4,4,0)(5,5,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \beta.(\psi_{\Omega_{\beta+2}}(0)) - \Pi_0)) - \Pi_0)$
$\frac{-(3,3,1)(4,4,0)(3,3,0)}{(0,0,0)(1,1,1)(2,2,0)(3,3,1)}$	
-(4,4,0)(5,5,1)(6,6,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \beta.(\psi_{\Omega_{\beta+2}}(\lambda \gamma.(\gamma+1)-\Pi_0))-\Pi_0))-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,1,1)	$\psi(1 - (\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0)-(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi((\lambda \alpha.(\alpha \cdot 2) - \Pi_0) - (\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1))$
-(3,2,0)(4,1,0)(2,0,0)	$\varphi((\lambda \alpha.(\alpha 2) \Pi_0) (\lambda \alpha.(\Omega_{\alpha+2}) \Pi_1))$
(0,0,0)(1,1,1)(2,2,1)-	$\psi((\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1) - (\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1))$
-(2,2,0)(3,2,0)(4,1,1)	$\varphi((n\alpha,(22\alpha+1)-11))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi((\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(0)) - \Pi_1) - (\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1))$
-(3,2,0)(4,1,1)(5,2,0)	$\varphi((\lambda \alpha \cdot (\varphi \Omega_{\alpha+2}(0)))) = \Pi_1) (\lambda \alpha \cdot (\Omega \Omega_{\alpha+2})) = \Pi_1))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi((\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\Omega_{\alpha+2}})) - \Pi_1) - (\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1))$
-(4,1,1)(5,2,0)(6,2,0)(7,2,0)	$\psi((\text{Net.}(\psi \Omega_{\alpha+2}(\Omega_{\alpha+2}))))))))))))))))))))))))))))))))))))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi((\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+\omega})) - \Pi_1) - (\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1))$
-(3,2,0)(4,1,1)(5,2,0)(6,3,1)	$\varphi((\wedge \alpha.(\varphi \Omega_{\alpha+2}(3 \alpha+\omega)) - \Pi_1) - (\wedge \alpha.(3 \alpha+2) - \Pi_1))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi((\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1) - (\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1))$
-(3,2,0)(4,1,1)(5,2,1)	$\psi((\lambda \alpha, (32\alpha+2) - 111) - (\lambda \alpha, (32\alpha+2) - 111))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1) - (\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
-(3,2,0)(4,1,1)(5,2,1)(2,2,0)-	$-(\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1))$
-(3,2,0)(4,1,1)(5,2,1)	$-(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1-)^{1,0})$
-(4,1,1)(5,2,1)(3,1,0)(2,0,0)	$\psi((\lambda \alpha.(22\alpha+2)-11_1-))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(1-(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_2))$
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)	$\psi(1-(\lambda\alpha.(3\iota_{\alpha+2})-11\iota_2))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+1)-\Pi_0)$
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(22\alpha+2+1)-110)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\omega)-\Pi_0)$
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)(5,2,0)	$\psi(n\alpha.(\omega_{\alpha+2}+\omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\alpha)-\Pi_0)$
-(5,2,0)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)$
-(5,2,0)(6,1,0)(7,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\Omega_{\alpha+1})-\Pi_0)$
-(4,2,0)(5,2,0)(6,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(0))-\Pi_0)$
-(4,2,0)(5,2,0)(6,1,1)(7,2,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))-\Pi_0)$
-(5,2,0)(6,1,1)(7,2,0)(8,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\Omega_{\alpha+2}})) - \Pi_0)$
-(4,2,0)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(0))) - \Pi_0)$
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)(5,3,0)	$\psi(\lambda \alpha.(22_{\alpha+2}+\psi\Omega_{\alpha+2}(\psi\Omega_{\alpha+3}(0)))=\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\Omega_{\beta+1})-\Pi_1))-\Pi_0)$
-(5,3,1)(6,4,0)(7,4,0)(8,3,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\Omega_{\beta+2})-\Pi_1))-\Pi_0)$
-(4,2,0)(5,3,1)(6,4,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}})((\lambda \beta.(\beta+1) - \Pi_0))$
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)-	
-(4,2,0)(5,3,1)(6,4,1)(6,4,0)	$-(\lambda\beta.(\Omega_{\beta+2})-\Pi_1)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}})((\lambda \beta.(\Omega_{\beta+1}) - \Pi_1))$
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)(4,2,0)-	
-(5,3,1)(6,4,1)(6,4,0)(7,4,0)(8,3,1)	$-(\lambda\beta.(\Omega_{\beta+2})-\Pi_1)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}})((\lambda \beta.(\Omega_{\beta+2}) - \Pi_1))$
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)(5,3,1)-	$-(\lambda \beta.(\Omega_{\beta+2}) - \Pi_1)) - \Pi_0)$
-(6,4,1)(6,4,0)(7,4,0)(8,3,1)(9,4,1)	$-(\lambda\beta.(\Omega_{\beta+2})-\Pi_1)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)	$\psi(\lambda \alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(1 - (\lambda \beta.(\Omega_{\beta+2}) - \Pi_2))) - \Pi_0)$
-(5,3,1)(6,4,1)(6,4,0)(7,4,0)	$\psi(\lambda\alpha.(3\iota_{\alpha+2}+\psi\Omega_{\alpha+2}(1-(\lambda\beta.(3\iota_{\beta+2})-112)))-110)$
-(8,3,1)(9,4,1)(7,3,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 2)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)(4,2,1)	$\psi(\lambda\alpha.(3\iota_{\alpha+2}\cdot 2)-11_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 3)-\Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(3,2,0)	$\psi(\wedge \omega.(^{2}\iota_{\alpha+2}\cdot\omega)=110)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+2}\cdot\omega^2)-\Pi_0)$
-(4,1,1)(5,2,1)(3,2,0)(3,2,0)	$\psi(\alpha u.(32_{\alpha+2} \cdot w) - 11_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\alpha)-\Pi_0)$
-(4,1,1)(5,2,1)(3,2,0)(4,1,0)(2,0,0)	$\psi(\wedge \alpha \cdot (32\alpha + 2 \cdot \alpha) = 110)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)$
-(4,1,1)(5,2,1)(3,2,0)(4,1,0)(5,2,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\Omega_{\alpha+1})-\Pi_0)$
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\Omega_{\alpha+1})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}^{2})-\Pi_{0})$
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)(5,2,1)	$\psi(\lambda \alpha.(22_{\alpha+2})-11_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+2}{}^{\alpha}) - \Pi_0)$
-(4,1,1)(5,2,1)(4,1,0)(2,0,0)	$\varphi(n\alpha.(33\alpha+2))$ $110)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}{}^{\Omega_{\alpha+2}})-\Pi_0)$
-(4,1,1)(5,2,1)(4,1,1)(5,2,1)	/ ((a / 2
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+2}{}^{\Omega_{\alpha+2}{}^{\Omega_{\alpha+2}}}) - \Pi_0)$
-(4,1,1)(5,2,1)(5,1,1)(6,2,1)	, ((a)2 , 0)
(0,0,0)(1,1,1)(2,2,1)(2,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(0)) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3})) - \Pi_0)$
-(4,1,1)(5,2,1)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)	и() . (д. (О. о.)) п.)
-(3,2,0)(4,1,1)(5,2,1)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}\cdot 2)) - \Pi_0)$
$\begin{array}{c} -(6,2,0)(5,2,0)(6,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) - \end{array}$	
-(4,1,1)(5,2,1)(5,2,0)(6,2,0)(6,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}^2)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(5,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}{}^{\alpha})) - \Pi_0)$
-(6,2,0)(7,1,0)(2,0,0)	$\varphi(\Lambda ee.(\varphi \Omega_{\alpha+3}(22\alpha+3))) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)	
-(3,2,0)(4,1,1)(5,2,1)(5,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}{}^{\Omega_{\alpha+2}})) - \Pi_0)$
-(6,2,0)(7,1,1)(8,2,1)	7 ((7322+3 (1410
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(5,2,0)(6,2,0)(7,1,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}^{\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}^{\Omega_{\alpha+2}})})) - \Pi_0)$
-(8,2,1)(8,2,0)(9,2,0)(10,1,1)(11,2,1)	, (, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)-	(Λ) (Δ (Ω Ω ₀ ±2)) Π)
-(2,2,0)(3,2,0)(4,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}^{\Omega_{\alpha+3}})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,3,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+4}}(0))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\lambda\beta.(\Omega_{\beta+2})-\Pi_0))-\Pi_0)$
-(2,2,0)(3,3,1)(4,4,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\lambda\beta.(2l_{\beta+2})-11_0))-11_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+3}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+4}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,1,1)	$\psi(1 - (\lambda \alpha . (\Omega_{\alpha + \omega}) - \Pi_0))$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)	$\psi((\lambda \alpha.(\alpha+1) - \Pi_0) - (\lambda \alpha.(\Omega_{\alpha+\omega}) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	$\psi((\lambda \alpha.(\alpha \cdot 2) - \Pi_0) - (\lambda \alpha.(\Omega_{\alpha + \omega}) - \Pi_0))$
-(2,2,0)(3,2,0)(4,1,0)(2,0,0)	$\psi((\lambda\alpha.(\alpha\cdot 2)-\Pi_0)-(\lambda\alpha.(\Omega_{\alpha+\omega})-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1) - (\lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0))$
-(2,2,0)(3,2,0)(4,1,1)	$\psi((\wedge\alpha.(\mathfrak{L}_{\alpha+1})-\Pi_1)-(\wedge\alpha.(\mathfrak{L}_{\alpha+\omega})-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	$\psi((\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1) - (\lambda \alpha.(\Omega_{\alpha+\omega}) - \Pi_0))$
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)	$\varphi((\wedge \alpha.(32\alpha+2) \Pi_1) (\wedge \alpha.(32\alpha+\omega) \Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	$\psi((\lambda \alpha.(\Omega_{\alpha+\omega}) - \Pi_0) - (\lambda \alpha.(\Omega_{\alpha+\omega}) - \Pi_0))$
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)(6,0,0)	$\varphi((\wedge \alpha.(3 \epsilon_{\alpha+\omega}) \Pi_0) (\wedge \alpha.(3 \epsilon_{\alpha+\omega}) \Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi((\lambda\alpha.(\Omega_{\alpha+\omega})-\Pi_0-)^{1,0})$
-(6,0,0)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)-	$\psi(1-(\lambda\alpha.(\Omega_{\alpha+\omega})-\Pi_1))$
-(3,2,0)(4,1,1)(5,2,1)(6,0,0)(3,1,1)	$\psi(1 (Na.(ub\alpha+\omega) 11))$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}+1)-\Pi_0)$
-(6,0,0)(3,1,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)(6,0,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}+\alpha)-\Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)(6,0,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}+\Omega_{\alpha+1})-\Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,1)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}+\Omega_{\alpha+2})-\Pi_0)$
-(6,0,0)(3,1,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,0,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot 2)-\Pi_0)$
-(3,1,1)(4,2,1)(5,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,0,0)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot 3)-\Pi_0)$
-(4,2,1)(5,0,0)(4,2,0)(5,2,0)(6,1,1)	γ(···· (ατω
-(7,2,1)(8,0,0)(5,1,1)(6,2,1)(7,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot\omega)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,0,0)(3,2,0)	τ ((α+ω ω) 110)
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot\alpha)-\Pi_0)$
-(6,0,0)(3,2,0)(4,1,0)(2,0,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot\Omega_{\alpha+1})-\Pi_0)$
-(5,2,1)(6,0,0)(3,2,0)(4,1,1)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}^{2})-\Pi_{0})$
-(6,0,0)(3,2,0)(4,1,1)(5,2,1)(6,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}{}^{\alpha})-\Pi_0)$
-(6,0,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}{}^{\Omega_{\alpha+1}})-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,0,0)(4,1,1)	$\psi(\wedge\alpha.(2\iota_{\alpha+\omega})-11_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}{}^{\Omega_{\alpha+\omega}})-\Pi_0)$
-(6,0,0)(4,1,1)(5,2,1)(6,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)-	$\psi(\lambda lpha.(\psi_{\Omega_{lpha+lpha+lpha+1}}(0))-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,0,0)(5,2,0)	$\psi(\mathcal{M}_{\alpha+\omega+1}(0))$ Π_0
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega+1})) - \Pi_0)$
-(6,0,0)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,0,0)(5,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega+1}{}^{\Omega_{\alpha+\omega}})) - \Pi_0)$
-(6,2,0)(7,1,1)(8,2,1)(9,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega+1}{}^{\Omega_{\alpha+\omega+1}})) - \Pi_0)$
-(2,2,0)(3,2,0)(4,2,0)	$\varphi \left(\lambda \omega \cdot \left(\varphi \Omega_{\alpha + \omega + 1} \left(- \alpha + \omega + 1 \right) \right) \right) = 100$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\psi_{\Omega_{\alpha+\omega+2}}(0))) - \Pi_0)$
-(3,0,0)(2,2,0)(3,3,0)	$\tau \left(\frac{1}{2} \frac{1}{2}$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\lambda \beta.(\beta+1)-\Pi_0))-\Pi_0)$
-(2,2,0)(3,3,1)(4,4,0)	/ (/ 22α+ω+1 (/ (/ γ))))
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha+\omega+2}) - \Pi_1)$
-(3,0,0)(2,2,1)(2,2,1)	$\varphi(\wedge(a,(a,a+\omega+2)))$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha+\omega\cdot 2}) - \Pi_0)$
-(3,0,0)(2,2,1)(3,0,0)	φ ($(\alpha, (3\alpha + \omega, 2) + 110)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+\Omega})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,0,0)	$\psi(\lambda \alpha.(\Omega_{\alpha \cdot 2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,1,1)	$\psi(1-(\lambda \alpha.(\Omega_{lpha \cdot 2})-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)	$\psi((\lambda \alpha.(\alpha+1) - \Pi_0) - (\lambda \alpha.(\Omega_{\alpha \cdot 2}) - \Pi_0))$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)-	и(() (О) П) () (О) П))
-(3,2,0)(4,1,1)(5,2,1)(6,1,0)(2,0,0)	$\psi((\lambda\alpha.(\Omega_{\alpha\cdot 2}) - \Pi_0) - (\lambda\alpha.(\Omega_{\alpha\cdot 2}) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)-	(1 () (O) H))
-(3,2,0)(4,1,1)(5,2,1)(6,1,0)(3,1,1)	$\psi(1-(\lambda\alpha.(\Omega_{\alpha\cdot 2})-\Pi_1))$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)-	/() (O) H)
-(3,2,0)(4,1,1)(5,2,1)(6,1,0)(3,2,0)	$\psi(\lambdalpha.(\Omega_{lpha\cdot2}\cdot\omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha \cdot 2} \cdot \alpha) - \Pi_0)$
-(6,1,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha \cdot 2}{}^2) - \Pi_0)$
-(6,1,0)(4,1,1)(5,2,1)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,1,0)(5,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	$\alpha_{n}(\lambda) = (\alpha_{n}(\lambda) + (\Omega_{n}(\lambda) + (\Omega_{n$
-(2,2,0)(3,2,0)(4,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha \cdot 2+1}}(\Omega_{\alpha \cdot 2+1}^{\Omega_{\alpha \cdot 2+1}})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	() () () () () () () () () () () () () (
-(2,2,0)(3,3,1)(4,4,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda\alpha'.(\Omega_{\alpha'+2})-\Pi_1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha,2+1}}(\lambda \alpha'.(\Omega_{\alpha'+\alpha}) - \Pi_0)) - \Pi_0)$
-(2,2,0)(3,3,1)(4,4,1)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda\alpha.(\Omega_{\alpha'+\alpha})-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda \alpha'.(\Omega_{\alpha'+\Omega_{\alpha+1}}) - \Pi_0)) - \Pi_0)$
-(2,2,0)(3,3,1)(4,4,1)(5,1,1)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda \alpha.(\Omega_{\alpha'+\Omega_{\alpha+1}})-\Pi_0))-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	
-(2,2,0)(3,3,1)(4,4,1)(5,1,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda\alpha'.(\Omega_{\alpha'+\Omega_{\alpha\cdot 2}})-\Pi_0))-\Pi_0)$
-(6,2,1)(7,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	
-(2,2,0)(3,3,1)(4,4,1)(5,1,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda\alpha'.(\Omega_{\alpha'+\psi_{\Omega_{\alpha\cdot 2+1}}(0)})-\Pi_0))-\Pi_0)$
-(6,2,1)(7,1,0)(6,2,0)(7,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha,2+1}}(\lambda \alpha'.(\Omega_{\alpha'+\Omega_{\alpha,2+1}})-\Pi_0))-\Pi_0)$
-(2,2,0)(3,3,1)(4,4,1)(5,2,0)	$\psi(\wedge\alpha.(\psi\Omega_{\alpha\cdot2+1}(\wedge\alpha.(2\iota_{\alpha'+}\Omega_{\alpha\cdot2+1})-\Pi_0))-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda \alpha'.(\Omega_{\alpha'+\psi_{\Omega_{\alpha\cdot 2+2}}(0)}) - \Pi_0)) - \Pi_0)$
-(3,3,1)(4,4,1)(5,2,0)(6,3,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha\cdot2+1}}(\lambda\alpha.(\Sigma_{\alpha'+\psi_{\Omega_{\alpha\cdot2+2}}(0)})-\Pi_0))-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha,2+1}}(\lambda \alpha'.(\Omega_{\alpha'+\Omega_{\alpha,2+2}})-\Pi_0))-\Pi_0)$
-(2,2,0)(3,3,1)(4,4,1)(5,3,0)	$\psi(\wedge\alpha.(\psi\Omega_{\alpha\cdot2+1}(\wedge\alpha.(\omega\omega_{\alpha'}+\Omega_{\alpha\cdot2+2})-\Pi_0))-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha,2+1}}(\lambda \alpha'.(\Omega_{\alpha'+\Omega_{\alpha,2+\alpha}})-\Pi_0))-\Pi_0)$
-(3,3,1)(4,4,1)(5,3,0)(3,3,1)	$\psi(\wedge\alpha.(\psi\Omega_{\alpha\cdot2+1}(\wedge\alpha.(\Im^{2}\alpha'+\Omega_{\alpha\cdot2+\omega})-\Pi_{0}))-\Pi_{0})$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda \alpha'.(\Omega_{\alpha'\cdot 2}) - \Pi_0)) - \Pi_0)$
-(3,3,1)(4,4,1)(5,3,0)(4,0,0)	$\psi(\wedge\alpha.(\psi\Omega_{\alpha\cdot2+1}(\wedge\alpha.(\mathfrak{L}_{\alpha'\cdot2})-11_0))-11_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot 2+1}) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot2+\omega})-\Pi_0)$
-(3,1,0)(2,2,1)(3,0,0)	φ (*****(******************************
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha.3}) - \Pi_0)$
-(2,2,1)(3,1,0)(2,0,0)	γ (······(α·3)0)
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(3,0,0)	$\psi(\lambda \alpha.(\Omega_{\alpha \cdot \omega}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\Omega_{lpha^2}) - \Pi_0)$
-(3,1,0)(3,1,0)(2,0,0)	$\psi(\lambda \alpha.(22_{\alpha^2})-11_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambdalpha.(\Omega_{lpha^lpha})-\Pi_0)$
-(3,1,0)(4,1,0)(2,0,0)	$\psi(\mathcal{M}.(\Omega_{\alpha}^{a}))$ $\Pi_{0})$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(4,2,0)	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(0)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	ah() a. (O
-(3,1,0)(4,2,1)(5,3,0)	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\beta+1)-\Pi_0)})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$ab(\lambda \alpha, (\Omega_{-}), \Pi_{-})$
-(3,1,0)(4,2,1)(5,3,1)	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\Omega_{\beta+1})-\Pi_1)})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	$\psi(\lambda \alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda \beta.(\Omega_{\beta+\alpha})-\Pi_0)})-\Pi_0)$
-(4,2,1)(5,3,1)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.(3\iota\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\Omega_{\beta+\alpha})-\Pi_0))=\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	$\psi(\lambda \alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\Omega_{\beta\cdot2})-\Pi_0)})-\Pi_0)$
-(4,2,1)(5,3,1)(6,2,0)(5,0,0)	$\psi(\lambda\alpha.(32\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\Omega_{\beta\cdot2})-\Pi_0)))$ $\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)-	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\Omega_{\psi_{\Omega_{\beta+1}}(0)})-\Pi_0)})-\Pi_0)$
-(4,2,1)(5,3,1)(6,2,0)(7,3,0)	$\psi\left(\mathcal{M}(1)\psi_{\Omega_{\alpha+1}}(A\beta.(M\psi_{\Omega_{\beta+1}}(0))-\Pi_0)\right)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(4,2,1)-	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\beta.(\Omega_{\psi_{\Omega_{\beta+1}}(\lambda\gamma.(\Omega_{\gamma+1})-\Pi_1)})-\Pi_0))-\Pi_0)$
-(5,3,1)(6,2,0)(7,3,1)(8,4,1)	$\varphi \left(\lambda \cos \left(- \nu \psi_{\Omega_{\alpha+1}} (\lambda \rho, (\omega_{\psi_{\Omega_{\beta+1}}}(\lambda \gamma, (\Omega_{\gamma+1}) - \Pi_1)) - \Pi_0) \right) \right) = 10)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}+1})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}+\alpha})-\Pi_0)$
-(3,1,1)(2,2,1)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}\cdot 2}) - \Pi_0)$
-(3,1,1)(2,2,1)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}\cdot\alpha})-\Pi_0)$
-(3,1,1)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}^2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(0)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})}) - \Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\Omega_{\beta+1})-\Pi_1)})-\Pi_0)$
-(4,2,0)(5,3,1)(6,4,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,1,1)-	als() c. (O) II)
-(4,2,0)(5,3,1)(6,4,1)(7,3,1)	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\Omega_{\Omega_{\beta+1}})-\Pi_0)})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\lambda\beta.(\Omega_{\psi_{\Omega_{\beta+1}}(0)})-\Pi_0)})-\Pi_0)$
-(5,3,1)(6,4,1)(7,3,1)(8,4,0)	$\varphi\left(\text{Nex.}(\text{SS}\psi_{\Omega_{\alpha+2}}(\text{AB}.(\Omega_{\psi_{\Omega_{\beta+1}}(0)})-\Pi_0)\right) - \Pi_0\right)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,1)	$\psi(\lambda \alpha.(\Omega_{\Omega_{\alpha+2}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambdalpha.(\Omega_{\Omega_{lpha+3}})-\Pi_0)$
-(3,1,1)(4,2,1)(4,2,1)	ψ (rec. (12 $\Omega_{\alpha+3}$) = Ω_0)
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambdalpha.(\Omega_{\Omega_{lpha+lpha+lpha}})-\Pi_0)$
-(3,1,1)(4,2,1)(5,0,0)	$\varphi\left(\bigwedge(\mathbb{D}M_{\alpha+\omega}\right)=\mathbb{I}_{0}$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)-	$\psi(\lambda lpha.(\Omega_{\Omega_{\alpha+2}}) - \Pi_0)$
-(4,2,1)(5,1,0)(2,0,0)	γ ((32α.2) 0)
(0,0,0)(1,1,1)(2,2,1)(3,1,1)-	$\psi(\lambda \alpha.(\Omega_{\Omega_{\psi_{\Omega_{\alpha+1}}(0)}}) - \Pi_0)$
-(4,2,1)(5,1,0)(6,2,0)	$^{\psi\Omega}_{\alpha+1}$ (9)
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\Omega_{\Omega_{\Omega_{\alpha+1}}}) - \Pi_0)$
-(3,1,1)(4,2,1)(5,1,1)	· · · · · · · · · · · · · · · · · · ·
(0,0,0)(1,1,1)(2,2,1)(3,1,1)	$\psi(\lambda \alpha.(\Omega_{\Omega_{\Omega_{\Omega_{\alpha+1}}}}) - \Pi_0)$
-(4,2,1)(5,1,1)(6,2,1)(7,1,1)	···α+1
(0,0,0)(1,1,1)(2,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)+1})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)+\omega})-\Pi_0)$
-(3,2,0)(2,2,1)(3,1,0)(2,0,0)	$\varphi()(\alpha, (0)\psi_{I_{\alpha+1}}(0)+\omega)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)+\Omega_{\alpha+1}})-\Pi_0)$
-(3,2,0)(2,2,1)(3,1,1)	$\varphi\left(\mathcal{H}^{\alpha}(0)+\Omega_{\alpha+1}(0)+\Omega_{\alpha+1}(0)\right)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)+\Omega_{\alpha+2}}) - \Pi_0)$
-(3,2,0)(2,2,1)(3,1,1)(4,2,1)	$\psi I_{\alpha+1}(0) \mapsto \omega_{\alpha+2}(0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)	$\psi(\lambda \alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)+\Omega_{\alpha\cdot 2}})-\Pi_0)$
-(2,2,1)(3,1,1)(4,2,1)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)+\Omega_{\Omega_{\alpha+1}}})-\Pi_0)$
-(2,2,1)(3,1,1)(4,2,1)(5,1,1)	· 4 71.7 471.
(0,0,0)(1,1,1)(2,2,1)(3,2,0)	$\psi(\lambda \alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)\cdot 2}) - \Pi_0)$
$\begin{array}{c} -(2,2,1)(3,1,1)(4,2,1)(5,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,1)(2,2,0) \end{array}$	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)	$ab(\lambda) \alpha(\Omega) = \lambda(\lambda) \Pi(\lambda)$
-(2,2,1)(3,1,1)(4,2,1)(5,2,0)	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)\cdot3}) - \Pi_0)$
$ \frac{-(2,2,1)(3,1,1)(4,2,1)(5,2,0)}{(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-} $	
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1) \\ \hline -(3,1,1)(4,2,1)(5,2,0)(3,1,0)(2,0,0) \end{array} $	$\psi(\lambda \alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)\cdot \alpha}) - \Pi_0)$
$ \frac{-(3,1,1)(4,2,1)(3,2,0)(3,1,0)(2,0,0)}{(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)} $	
-(3,1,1)(4,2,1)(5,2,0)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)\cdot\Omega_{\alpha+1}})-\Pi_0)$
-(0,1,1)(4,2,1)(0,2,0)(0,1,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	
-(2,2,1)(3,1,1)(4,2,1)-	$\psi(\lambda \alpha. (\Omega_{\psi_{I_{\alpha+1}}(0)^2}) - \Pi_0)$
-(5,2,0)(3,1,1)(4,2,1)(5,2,0)	···
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\eta(\lambda \alpha (\Omega_{+})) = \Pi_{0}$
-(2,2,1)(3,1,1)(4,2,1)(5,2,0)(4,2,0)	$\psi(\lambda \alpha. (\Omega_{\psi_{\Omega_{\psi_{I_{\alpha+1}}(0)+1}(0)}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	$g_{2}(\lambda \alpha_{1}(\Omega_{\alpha})) = \Pi_{\alpha}$
-(3,1,1)(4,2,1)(5,2,0)(4,2,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\psi_{I_{\alpha+1}}(0)+1}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	
-(2,2,1)(3,1,1)(4,2,1)(5,2,0)-	$\psi(\lambda\alpha.(\Omega_{\Omega_{\Omega_{\psi_{I_{\alpha+1}}(0)+1}}}) - \Pi_0)$
-(4,2,1)(5,1,1)(6,2,1)(7,2,0)(6,2,1)	W12
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(1)) - \Pi_0)$
-(3,2,0)(2,2,1)(3,2,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(2)) - \Pi_0)$
-(2,2,1)(3,2,0)(2,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi I_{\alpha+1}(2)))$ $\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,0,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\omega)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\alpha)) - \Pi_0)$
-(3,2,0)(3,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\alpha)) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,1,1)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\Omega_{\alpha+\omega})) - \Pi_0)$
-(3,1,1)(4,2,1)(5,0,0)	$\varphi(\mathcal{M}(\varphi_{I_{\alpha+1}}(\mathfrak{s}_{2\alpha+\omega}))))$ 110)
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\psi_{I_{\alpha+1}}(0))) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,0)	$\varphi\left(((\alpha, (((1_{\alpha+1}(((1_{\alpha+1}(((1)))))))))\right)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}+1))-\Pi_0)$
-(3,2,0)(2,2,1)(3,2,0)	τ (*****($\tau I_{\alpha+1}$ (- $\alpha+1$ **-7)) ==0)
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}+\Omega_{\alpha+1}))-\Pi_0)$
-(3,2,0)(2,2,1)(3,2,0)(3,1,1)	· (· · · (· · · α + 1 (- α + 1 · · · - α + 1 /)
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	
-(3,2,0)(2,2,1)(3,2,0)(3,1,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1}))) - \Pi_0)$
-(4,2,1)(5,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot 2))-\Pi_0)$
-(3,2,0)(2,2,1)(3,2,0)(3,2,0)	$I = \{ (1, \dots, (7, 1\alpha+1), (-\alpha+1, -1), (-\alpha+$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot \alpha)) - \Pi_0)$
-(3,2,0)(3,1,0)(2,0,0)	, (, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}{}^2)) - \Pi_0)$
-(3,2,0)(3,2,0)(3,2,0)	, (()-a _T 1(()-1, 7)
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{\Omega_{\alpha+1}})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{I_{\alpha+1}})) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,3,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\psi_{\Omega_{I_{\alpha+1}+1}}(0))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,2,0)(4,3,0)(5,3,0)$	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\Omega_{I_{\alpha+1}+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,3,1)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\Omega_{I_{\alpha+1}+\omega})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0) - (4,3,1)(5,3,1)(6,3,1)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+\omega})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,2,0)(4,3,1)(5,4,0)$	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\lambda\beta.(\beta+1)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0) - (4,3,1)(5,4,1)(6,4,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\lambda\beta.(\psi_{I_{\beta+1}}(0))-\Pi_0))-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.(I_{\alpha+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+1})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(2,2,1)(3,1,1)(4,2,1)(5,2,0)$	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+\psi_{I_{\alpha+1}}(0)})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-(2,2,1)(3,1,1)(4,2,1)(5,2,1)	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}\cdot 2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(2,2,1)(3,1,1)(4,2,1)(5,2,1)(4,1,1)$	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}\cdot\Omega_{\alpha+1}})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(2,2,1)(3,1,1)(4,2,1)(5,2,1)-$ $-(4,1,1)(5,2,1)(6,2,1)$	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}^2}) - \Pi_0)$
$(0,0,0)(1,1,1)(2,2,1)(3,2,1)- \\ -(2,2,1)(3,1,1)(4,2,1)(5,2,1)(4,2,0)$	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{I_{\alpha+1}}}(0)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)(3,1,1)(4,2,1)(5,2,1)(4,2,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{I_{\alpha+1}}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)(3,1,1)(4,2,1)(5,2,1)(4,2,1)(5,1,1)(6,2,1)(7,2,1)(6,2,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\Omega_{I_{\alpha+1}}}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,2,1)(2,2,1)(3,2,0)$	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(2,2,1)(3,2,0)(2,2,1)(3,2,0)$	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(2,2,1)(3,2,0)(3,2,0)$	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(I_{\alpha+2})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(2,2,1)(3,2,0)(4,3,0)$	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(\psi_{\Omega_{I_{\alpha+2}+1}}(0))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)- $-(3,2,0)(4,3,1)(5,3,1)(6,3,1)$	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(I_{\alpha+\omega})) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)(3,2,1)	$\psi(\lambda\alpha.(I_{\alpha+2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1) - (2,2,1)(3,2,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.(I_{\alpha+3}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(I_{lpha \cdot 2}) - \Pi_0)$
$ \begin{array}{c c} -(3,2,1)(3,1,0)(2,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1) \\ \end{array} $	$\psi(\lambda \alpha.(I_{\Omega_{\alpha+1}}) - \Pi_0)$
	$\psi(n\alpha \cdot (\Omega_{l\alpha+1}) - \Omega_0)$
(0,0,0)(1,1,1)(2,2,1) - (3,2,1)(3,1,1)(4,2,1)	$\psi(\lambda \alpha.(I_{\Omega_{\alpha+2}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(3,1,1)(4,2,1)(5,2,0)$	$\psi(\lambda\alpha.(I_{\psi_{I_{\alpha+1}}(0)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(3,1,1)(4,2,1)(5,2,1)$	$\psi(\lambda \alpha.(I_{I_{\alpha+1}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)- $-(4,2,1)(5,2,1)(4,2,1)(5,2,1)$	$\psi(\lambda \alpha.(I_{I_{\alpha+2}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)-(4,2,1)(5,2,1)(5,1,1)(6,2,1)(7,2,1)	$\psi(\lambda lpha.(I_{I_{I_{lpha+1}}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I(1,\alpha+1)}(0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-(3,2,1)(3,2,0)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\psi_{I(1,\alpha+1)}(0)+1}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha. (I_{\psi_{I(1,\alpha+1)}(0)+1}) - \Pi_0)$
$ \begin{array}{c c} -(3,2,0)(2,2,1)(3,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,1)(3,2,1) - \end{array} $	$\psi(\lambda \alpha.(\psi_{I(1,\alpha+1)}(1)) - \Pi_0)$
$ \begin{array}{c c} -(3,2,0)(2,2,1)(3,2,1)(3,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,1)- \end{array} $	$\psi(\lambda \alpha.(\psi_{I(1,\alpha+1)}(\omega)) - \Pi_0)$
-(3,2,1)(3,2,0)(3,0,0)	$\psi(\lambda\alpha.(\psi_{I(1,\alpha+1)}(\omega)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-(3,2,1)(3,2,0)(3,1,1)	$\psi(\lambda\alpha.(\psi_{I(1,\alpha+1)}(\Omega_{\alpha+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,0)- $-(3,1,1)(4,2,1)(5,2,1)(5,2,0)$	$\psi(\lambda\alpha.(\psi_{I(1,\alpha+1)}(\psi_{I(1,\alpha+1)}(0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-(3,2,1)(3,2,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I(1,\alpha+1)}(I(1,\alpha+1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I(1,\alpha+1)}(\psi_{\Omega_{I(1,\alpha+1)+1}}(0)) - \Pi_0)$
-(3,2,1)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)	$\psi(\lambda\alpha.(I(1,\alpha+1)) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1) - (3,2,1)(2,2,1)(3,2,1)(3,2,1)	$\psi(\lambda\alpha.(I(1,\alpha+2))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-(3,2,1)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(I(1,\alpha\cdot 2))-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)(3,1,1)	$\psi(\lambda\alpha.(I(1,\Omega_{\alpha+1}))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1) - (3,2,1)(3,1,1)(4,2,1)(5,2,1)(5,2,1)	$\psi(\lambda\alpha.(I(1,I(1,\alpha+1)))-\Pi_0)$
$(0,0,0)(1,1,1)(2,2,1)- \\ -(3,2,1)(3,2,1)(3,2,0)$	$\psi(\lambda\alpha.(\psi_{I(2,\alpha+1)}(0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)(3,2,1)	$\psi(\lambda \alpha.(I(2,\alpha+1)) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,0,0)	$\psi(\lambda\alpha.(I(\omega,\alpha+1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,2,1)(4,1,0)(2,0,0)$	$\psi(\lambda \alpha.(I(\alpha,1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,2,1)(4,1,0)(3,2,1)$	$\psi(\lambda lpha.(I(lpha+1,0))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,1,0)(3,2,1)(4,1,0)(2,0,0)$	$\psi(\lambda\alpha.(I(\alpha\cdot 2,0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,2,1)(4,1,0)(5,2,0)$	$\psi(\lambda\alpha.(I(\psi_{\Omega_{\alpha+1}}(0),0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,1,1)	$\psi(\lambda\alpha.(I(\Omega_{\alpha+1},0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,1,1)(5,2,1)(6,2,1)(7,1,1)$	$\psi(\lambda \alpha.(I(I(\Omega_{\alpha+1},0),0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,0)	$\psi(\lambda\alpha.(\psi_{I(1,0,\alpha+1)}(0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,0)(2,2,1)(3,2,1)$	$\psi(\lambda \alpha. (I_{\psi_{I(1,0,\alpha+1)}(0)+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,0)(2,2,1)(3,2,1)(3,2,1)$	$\psi(\lambda \alpha.(I(1,\psi_{I(1,0,\alpha+1)}(0)+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,0) - (2,2,1)(3,2,1)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(I(\alpha,\psi_{I(1,0,\alpha+1)}(0)+1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,0)(2,2,1)(3,2,1)(4,1,1)$	$\psi(\lambda \alpha.(I(\Omega_{\alpha+1}, \psi_{I(1,0,\alpha+1)}(0)+1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,0)(2,2,1)(3,2,1)(4,1,1)-$ $-(5,2,1)(6,2,1)(7,2,0)$	$\psi(\lambda \alpha.(I(\psi_{I(1,0,\alpha+1)}(0),1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,0)(2,2,1)(3,2,1)(4,2,0)$	$\psi(\lambda\alpha.(\psi_{I(1,0,\alpha+1)}(1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-(4,2,0)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{I(1,0,\alpha+1)}(\alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- -(4,2,0)(3,1,1)(4,2,1)(5,2,1)(6,2,0)	$\psi(\lambda \alpha.(\psi_{I(1,0,\alpha+1)}(\psi_{I(1,0,\alpha+1)}(0))) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)-	(7/4 0 4)))
-(3,2,1)(4,2,0)(3,2,0)	$\psi(\lambda \alpha.(\psi_{I(1,0,\alpha+1)}(I(1,0,\alpha+1))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	:h() : (I(1 0 : + 1))
-(3,2,1)(4,2,0)(3,2,1)	$\psi(\lambda\alpha.(I(1,0,\alpha+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I(1,1,\alpha+1)}(0)) - \Pi_0)$
-(3,2,1)(4,2,0)(3,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I(1,1,\alpha+1)}(0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda lpha.(I(1,1,lpha+1))-\Pi_1)$
-(4,2,0)(3,2,1)(3,2,1)	$\varphi(\mathcal{M}.(I(1,1,\alpha+1))-II_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(I(1,\alpha,1)) - \Pi_0)$
-(4,2,0)(3,2,1)(4,1,0)(2,0,0)	φ (πωπ(ε (ε, ω, ε)) - 110)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(\psi_{I(2.0,\alpha+1)}(0)) - \Pi_0)$
-(4,2,0)(3,2,1)(4,2,0)	((((((((((((((((((((
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(I(2,0,\alpha+1)) - \Pi_1)$
-(4,2,0)(3,2,1)(4,2,0)(3,2,1)	
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda\alpha.(I(\omega,0,\alpha+1))-\Pi_0)$
-(3,2,1)(4,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(I(\alpha,0,1)) - \Pi_0)$
-(4,2,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda \alpha.(\psi_{I(1,0,0,\alpha+1)}(0)) - \Pi_0)$
-(3,2,1)(4,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1) - (4,2,0)(4,2,0)(3,2,1)	$\psi(\lambda\alpha.(I(1,0,0,\alpha+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,0)-	
-(4,2,0)(3,2,1)(4,2,0)(4,2,0)(3,2,1)	$\psi(\lambda\alpha.(I(2,0,0,\alpha+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	
-(4,2,0)(4,2,0)(4,0,0)	$\psi(\lambda\alpha.(I(\omega,0,0,\alpha+1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	
-(4,2,0)(4,2,0)(4,2,0)(3,2,1)	$\psi(\lambda\alpha.(I(1,0,0,0,\alpha+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	
-(3,2,1)(4,2,0)(5,0,0)	$\psi(\lambda\alpha.(I(1@\omega,\alpha+1@0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	(/) (7(10 100)) 77)
-(4,2,0)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(I(1@\alpha,1@0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	//) ///(a/1 o) 100) . H.)
-(3,2,1)(4,2,0)(5,2,0)	$\psi(\lambda \alpha.(I(1@(1,0),\alpha+1@0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{M_{\alpha+1}}(\varepsilon_{M_{\alpha+1}})) - \Pi_0)$
-(3,2,1)(4,2,0)(5,3,0)	$\psi(\lambda\alpha.(\psi_{M_{\alpha+1}}(\psi_{\Omega_{M_{\alpha+1}+1}}(0))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	
-(4,2,0)(5,3,0)(6,3,0)	$\psi(\lambda\alpha.(\psi_{M_{\alpha+1}}(\Omega_{M_{\alpha+1}+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	(1)
-(4,2,0)(5,3,1)(6,3,1)(6,3,1)	$\psi(\lambda\alpha.(\psi_{M_{\alpha+1}}(M_{\alpha+\omega})) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{M_{\alpha+1}+1}) - \Pi_1)$
-(3,2,1)(4,2,1)(2,2,1)	$\psi(\lambda\alpha.(2 \text{ aft } 2-2 \text{ aft } \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(I_{M_{\alpha+1}+1}) - \Pi_1)$
-(4,2,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.(2\ 1-2\ \text{aft}\ 2-2\ \text{aft}\ \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(M_{\alpha+2})-\Pi_1)$
-(4,2,1)(2,2,1)(3,2,1)(4,2,1)	$\psi(\lambda \alpha.(2\text{nd }2-2\text{ aft }\alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(M_{\alpha+\omega}) - \Pi_0)$
-(3,2,1)(4,2,1)(3,0,0)	$\psi(\lambda\alpha.(1-2-2 \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	//) /M) H)
-(3,2,1)(4,2,1)(3,1,1)	$\psi(\lambda\alpha.(M_{\Omega_{\alpha+1}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(M_{M_{\alpha+1}}) - \Pi_0)$
-(4,2,1)(3,1,1)(4,2,1)(5,2,1)(6,2,1)	$\psi(\mathcal{M}.(M_{\alpha+1})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\psi_{M(1,\alpha+1)}(0)) - \Pi_0)$
-(3,2,1)(4,2,1)(3,2,0)	$\psi(\lambda \alpha.((1-)^{1,0} \ 2-2 \ \text{aft} \ \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(M(1,\alpha+1))-\Pi_1)$
-(3,2,1)(4,2,1)(3,2,1)	$\psi(\lambda \alpha.(2\ 1-2-2\ {\rm aft}\ \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(\psi_{M(1,0,\alpha+1)}(0)) - \Pi_0)$
-(4,2,1)(3,2,1)(4,2,0)	$\psi(\lambda \alpha.((2\ 1-)^{1,0}\ 2-2\ aft\ \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(M(1,0,\alpha+1))-\Pi_1)$
-(4,2,1)(3,2,1)(4,2,0)(3,2,1)	$\psi(\lambda \alpha.((2\ 1-)^{1,1}\ 2-2\ aft\ \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(M(1;\alpha+1)) - \Pi_1)$
-(4,2,1)(3,2,1)(4,2,1)	$\psi(\lambda \alpha.(2-2\ 1-2-2\ {\rm aft}\ \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(M(1;1,\alpha+1))-\Pi_1)$
-(4,2,1)(3,2,1)(4,2,1)(3,2,1)	$\psi(\lambda \alpha.(2\ 1-2-2\ 1-2-2\ \text{aft}\ \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(M(2;\alpha+1)) - \Pi_1)$
-(4,2,1)(3,2,1)(4,2,1)(3,2,1)(4,2,1)	$\psi(\lambda \alpha.(2-2\ 1-2-2\ 1-2-2\ {\rm aft}\ \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(M(\alpha;1)) - \Pi_0)$
-(4,2,1)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.((2-2\ 1-)^{\alpha}2-2\ {\rm aft}\ \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(M(1,0;\alpha+1)) - \Pi_1)$
-(4,2,1)(4,2,0)(3,2,1)	$\psi(\lambda \alpha.((2-2\ 1-)^{1,0}\ 2-2\ aft\ \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	
-(4,2,1)(4,2,0)(5,3,0)	$\psi(\lambda\alpha.(\psi_{N_{\alpha+1}}(\psi_{\Omega_{N_{\alpha+1}+1}}(0))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(N_{\alpha+1}) - \Pi_1)$
-(3,2,1)(4,2,1)(4,2,1)	$\psi(\lambda\alpha.(2-2-2 \text{ aft } \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(2 \ 1-2 \ \text{aft} \ 2-2-2 \ \text{aft} \ \alpha) - \Pi_1)$
-(4,2,1)(4,2,1)(2,2,1)(3,2,1)	φ (πα.(Σ 1 2 απο 2 2 2 απο α) πη)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2-2 \text{ aft } 2-2-2 \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(4,2,1)(2,2,1)(3,2,1)(4,2,1)	7 ((- 2 312 2 2 312 37) 111)

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1)-	//) (2.12.2.2.5) H)
-(4,2,1)(2,2,1)(3,2,1)(4,2,1)(4,2,1)	$\psi(\lambda \alpha.(2\text{nd }2-2-2\text{ aft }\alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(1-2-2-2 \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(4,2,1)(3,0,0)	$\psi(\lambda\alpha.(1-2-2-2 \text{ att } \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2\ 1-2-2-2\ \text{aft}\ \alpha)-\Pi_1)$
-(4,2,1)(4,2,1)(3,2,1)	$\psi(\lambda\alpha.(2 \ 1-2-2-2 \ \text{art} \ \alpha)-11_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(2-2\ 1-2-2-2\ \text{aft}\ \alpha) - \Pi_1)$
-(4,2,1)(4,2,1)(3,2,1)(4,2,1)	ψ (/ text(2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1) -	$\psi(\lambda \alpha.(2-2-2 \ 1-2-2-2 \ \text{aft} \ \alpha) - \Pi_1)$
-(4,2,1)(3,2,1)(4,2,1)(4,2,1)	7 (100)(2 2 2 2 2 2 000 00) 2-1)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.((2-2-2\ 1-)^{1,0}\ 2-2-2\ \text{aft}\ \alpha)-\Pi_0)$
-(4,2,1)(4,2,1)(4,2,0)	, ()
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2-2-2-2 \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(4,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.((2-)^{\omega} \text{ aft } \alpha) - \Pi_0)$
-(3,2,1)(4,2,1)(5,0,0)	/(\ (\(\alpha\)\1.0 \(\alpha\)\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.((2-)^{1,0} \text{ aft } \alpha) - \Pi_0)$
-(3,2,1)(4,2,1)(5,2,0)	$\psi(\lambda \alpha.(\psi_{K_{\alpha+1}}(0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(3 \text{ aft } \alpha) - \Pi_2)$
-(3,2,1)(4,2,1)(5,2,1)	$\psi(\lambda\alpha.(K_{\alpha+1}) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1)-	$\psi(\lambda\alpha.(2\text{nd }3\text{ aft }\alpha)-\Pi_2)$
-(5,2,1)(2,2,1)(3,2,1)(4,2,1)(5,2,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1)-	$\psi(\lambda\alpha.(3\ 1-3\ \text{aft}\ \alpha)-\Pi_2)$
-(5,2,1)(3,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda\alpha.(3\ 2-3\ \text{aft}\ \alpha)-\Pi_2)$
-(4,2,1)(5,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda\alpha.(3-3 \text{ aft } \alpha) - \Pi_2)$
-(4,2,1)(5,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1) - (4,2,1)(5,2,1)(6,0,0)	$\psi(\lambda\alpha.((3-)^{\omega} \text{ aft } \alpha) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	
-(4,2,1)(5,2,1)(6,2,1)	$\psi(\lambda\alpha.(4 \text{ aft } \alpha) - \Pi_3)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	
-(4,2,1)(5,2,1)(6,2,1)(7,2,1)	$\psi(\lambda\alpha.(5 \text{ aft } \alpha) - \Pi_4)$
()) (() -) -) (() -) -) () -) -	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0[\alpha+1])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda \alpha.(\Pi_{\omega} \text{ aft } \alpha) - \Pi_{0})$
(0,0,0)(1,1,1)(2,2,1)(0,0,0)	
	$\psi(2-\pi-(+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0)-(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0))$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)-	$\psi((\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1) - (\lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_0) - \Pi_0))$
-(3,3,0)(2,2,0)(3,2,0)(4,1,1)	$\varphi((\lambda \alpha.(32\alpha+1) - 111) - (\lambda \alpha.(\lambda \beta.(\beta+1) - 110) - 110))$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi((\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)(6,3,0)	$-(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(1-(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_1))$
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)(3,1,1)	φ (1 ($\lambda \alpha . (\lambda \beta . (\beta + 1) - \Pi_0) - \Pi_1)$)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0+1)-\Pi_0)$
-(6,3,0)(3,1,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\cdot\omega)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)(3,2,0)	, (··· (···)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)^2)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda \alpha.((1-)^{1,0} \text{ aft } \lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)(5,2,0)	, ((() , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda \alpha.((1-)^{2,0} \text{ aft } \lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$
-(6,3,0)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda \alpha.((1-)^{1,0,0} \text{ aft } \lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$
-(2,2,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,1)	$\psi(\lambda\alpha.(2 \text{ aft } \lambda\beta.(\beta+1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda\alpha.(3 \text{ aft } \lambda\beta.(\beta+1) - \Pi_0) - \Pi_2)$
-(2,2,1)(3,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda \alpha.(2\text{nd }\lambda \beta.(\beta+1)-\Pi_0)-\Pi_0)$
-(3,3,0)(2,2,1)(3,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,0,0)	$\psi(\lambda\alpha.(1-(\lambda\beta.(\beta+1)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.((1-)^{\alpha} (\lambda\beta.(\beta+1)-\Pi_0))-\Pi_0)$
-(3,3,0)(3,1,0)(2,0,0)	, ((, (, , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,1,1)	$\psi(\lambda\alpha.((1-)^{2 \text{ aft } \alpha} (\lambda\beta.(\beta+1)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,2,0)	$\psi(\lambda \alpha.((1-)^{1,0} (\lambda \beta.(\beta+1) - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,2,1)	$\psi(\lambda\alpha.(2\ 1-(\lambda\beta.(\beta+1)-\Pi_0))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,0)(3,2,1)(4,3,0)$	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)\ 1-(\lambda\beta.(\beta+1)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (3,2,1)(4,3,0)(4,2,1)	$\psi(\lambda\alpha.(2-(\lambda\beta.(\beta+1)-\Pi_0))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)-(\lambda\beta.(\beta+1)-\Pi_0))-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0-)^{\alpha})-\Pi_0)$
-(3,3,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,2,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0-)^{1,0})-\Pi_0)$
(0,0,0)(-,-,-)(-,-,-)(0,0,0)(-,-,0)	$\psi(\lambda\alpha.(\psi_{\lambda\beta.(\beta+1)-\Pi_1}(0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1)-\Pi_1},(1))-\Pi_0)$
-(3,3,0)(4,2,0)(4,2,0)	$\varphi \left(\operatorname{Noc} \left(\varphi A \rho . (\rho + 1) - \operatorname{II}_1 \left(1 \right) \right) \right)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1)-\Pi_1}(\lambda \beta.(\beta+1)-\Pi_1))-\Pi_0)$
-(3,3,0)(4,2,0)(5,2,0)	(1)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1)-\Pi_1}(2 \text{ aft } \lambda \beta.(\beta+1)-\Pi_1))-\Pi_0)$
-(4,2,0)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1)-\Pi_1}(1-2 \text{ aft } \lambda \beta.(\beta+1)-\Pi_1))-\Pi_0)$
-(3,3,0)(4,2,0)(5,3,1)	, ,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1)-\Pi_1}(\lambda \alpha'.(\alpha'+1)-\Pi_0))-\Pi_0)$
-(4,2,0)(5,3,1)(6,4,0)	$\psi(\lambda\alpha.(\psi_{\lambda\beta.(\beta+1)-\Pi_1}(\lambda\alpha'.(\lambda\beta'.$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,2,0)(5,3,1)(6,4,1)(7,5,0)	
	$(\beta'+1)-\Pi_0)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda \alpha.(\psi_{\lambda\beta.(\beta+1)-\Pi_1})) = \Pi_1$
-(4,2,0)(5,3,1)(6,4,1)(7,5,0)(8,4,0)	$(\lambda \alpha'.(\psi_{\lambda \beta'.(\beta'+1)-\Pi_1}(0)) - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)-(\lambda\beta.(\beta+1)-\Pi_1))-\Pi_0)$
-(3,3,0)(4,2,1)(3,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_1)\ (\lambda\beta.(\beta+1)-\Pi_0)$
-(4,2,1)(3,3,0)(4,2,1)	$-(\lambda\beta.(\beta+1)-\Pi_1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_1)-(\lambda\beta.(\beta+1)-\Pi_1))-\Pi_1)$
-(3,3,0)(4,2,1)(4,2,1)	φ(και(κρ.(β + 1) - 111) (κρ.(β + 1) - 111))
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_2)-\Pi_2)$
-(3,3,0)(4,2,1)(5,2,1)	7 (7 (7 (7) 2) 2)
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+2)-\Pi_0)-\Pi_0)$
-(3,3,0)(4,2,1)(5,3,0)	
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+2)-\Pi_1)-\Pi_1)$
$ \frac{-(3,3,0)(4,2,1)(5,3,0)(5,2,1)}{(0,0,0)(1,1,1)(2,2,1)(3,3,0)} $	
-(4,2,1)(5,3,0)(5,2,1)(6,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+3)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega^2)-\Pi_0)-\Pi_0)$
-(3,3,0)(4,3,0)(4,3,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\alpha)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,0)(2,0,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)-	и(), () 2 (2 + 0) н) н)
-(3,3,0)(4,3,0)(5,1,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\Omega_{\alpha+1})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\psi_{\Omega_{\alpha}+2}(0))-\Pi_0)-\Pi_0)$
-(3,3,0)(4,3,0)(5,1,1)(6,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\psi_{\Omega_{\alpha+2}}(0))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\Omega_{\alpha+2})-\Pi_0)-\Pi_0)$
-(3,3,0)(4,3,0)(5,1,1)(6,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+3\iota_{\alpha+2})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+I_{\alpha+1})-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,1)(6,2,1)(7,2,1)	$\varphi(\lambda \alpha \cdot (\lambda \beta \cdot (\beta + 1\alpha + 1) - 110) - 110)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+K_{\alpha+1})-\Pi_0)-\Pi_0)$
-(5,1,1)(6,2,1)(7,2,1)(8,2,1)(9,2,1)	$\psi(n\alpha.(n\beta.(\beta+11\alpha+1)-110)-110)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,1)(6,2,1)(7,3,0)	φ(λαι(λρι(ρ λλρι(ρ 1) 110) 110)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\lambda\beta.(\beta+\omega)-\Pi_0)-\Pi_0)-\Pi_0)$
-(5,1,1)(6,2,1)(7,3,0)(8,3,0)	7 (100.(170.(17.170.170) 110) 110)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\lambda\beta.(\beta+\lambda\beta.(\beta+1)$
-(5,1,1)(6,2,1)(7,3,0)(8,3,0)	$-\Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
-(9,1,1)(10,2,1)(11,3,0)	110) 110) 110)
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta\cdot 2)-\Pi_0)-\Pi_0)$
-(3,3,0)(4,3,0)(5,2,0)	, (, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta\cdot 2)-\Pi_1)-\Pi_1)$
-(4,3,0)(5,2,0)(4,2,1)	, (, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta\cdot3)-\Pi_0)-\Pi_0)$
-(5,2,0)(4,2,1)(5,3,0)(6,3,0)(7,2,0)	, ((, (,) 3, 3, 3,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda \alpha.(\lambda \beta.(\beta \cdot \omega) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta^2) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,2,0)(4,3,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda \alpha.(\lambda \beta.(\beta^{\beta}) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(0)) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\Omega_{\beta+1})) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,2,0)(6,3,0)(7,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(5,2,0)(6,3,1)(7,4,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\lambda\alpha'.(\alpha'+1)-\Pi_0)-\Pi_0)-\Pi_0)$
	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\lambda\alpha'.(\lambda\beta'.(\beta'+1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	The state of the s
-(4,3,0)(5,2,0)(6,3,1)(7,4,1)(8,5,0)	$-\Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\lambda\alpha'.(\lambda\beta'.(\psi_{\Omega_{\beta'+1}}(0))$
-(5,2,0)(6,3,1)(7,4,1)(8,5,0)	$-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)$
-(9,5,0)(10,4,0)(11,5,0)	, , , , , , , , , , , , , , , , , , ,

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\lambda\alpha'.(\lambda\beta'.(\psi_{\Omega_{\beta'+1}}$
-(5,2,0)(6,3,1)(7,4,1)(8,5,0)(9,5,0)-	$(\lambda\alpha''.(\lambda\beta''.(\beta''+1)-\Pi_0)-\Pi_0))$
-(10,4,0)(11,5,1)(12,6,1)(13,7,0)	$-\Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	//) () 2 (O) H) H)
-(3,3,0)(4,3,0)(5,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1})-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}\cdot\omega)-\Pi_0)-\Pi_0)$
-(3,3,0)(4,3,0)(5,2,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(22\beta+1\cdot\omega)-110)-110)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}^2)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,2,1)(4,3,0)(5,2,1)	φ (πων (πρ. (1-ρ+1) 1-0) 1-0)
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(0)) - \Pi_0) - \Pi_0)$
-(3,3,0)(4,3,0)(5,2,1)(6,3,0)	. (. (
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+2})) - \Pi_0) - \Pi_0)$
$ \begin{array}{c c} -(4,3,0)(5,2,1)(6,3,0)(7,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,1)(3,3,0) - \end{array} $	
-(4,3,0)(5,2,1)(6,3,0)(7,3,0)(7,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+2}^2))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	
$\begin{array}{c} (3,3,0)(5,2,1)(6,3,0)(7,3,0)(8,2,0) \\ (4,3,0)(5,2,1)(6,3,0)(7,3,0)(8,2,0) \end{array}$	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+2}^{\beta})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)	(0. (0.0() (0. (0.1)) 7.) 7.)
-(5,2,1)(6,3,0)(7,3,0)(8,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+2}^{\Omega_{\beta+1}})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$a_{k}(\lambda) = (\lambda \beta_{k}(\lambda), \lambda_{k}(\lambda), $
-(3,3,0)(4,3,0)(5,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+2}^{\Omega_{\beta+2}})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,4,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\psi_{\Omega_{\beta+3}}(0)))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+2})) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+3})) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,0,0)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+\omega})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+\alpha})) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta\cdot2})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta\cdot 3})) - \Pi_0) - \Pi_0)$
-(4,2,0)(3,3,1)(4,2,0)	φ (πωτ(πρ.(=-β.5))
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta^2})) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,2,0)(4,2,0)	· · · · · · · · · · · · · · · · · · ·
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\psi_{\Omega_{\beta+1}}(0)})) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\Omega_{\beta+1}})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\Omega_{\beta+2}})) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,2,1)(5,3,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,2,1)(5,3,1)(6,2,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\Omega_{\Omega_{\beta+1}}})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{I_{\beta+1}}(0))) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(I_{\beta+1})) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(4,3,1)(4,3,1)$	$\psi(\lambda\alpha.(\lambda\beta.(I(1,\beta+1))) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-(4,3,1)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(\lambda\beta.(I(\alpha,\beta+1)))-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(4,3,1)(5,2,0)$	$\psi(\lambda\alpha.(\lambda\beta.(I(\beta,1))) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(4,3,1)(5,3,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{I(1,0,\beta+1)}(0))) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(4,3,1)(5,3,0)(4,3,1)$	$\psi(\lambda\alpha.(\lambda\beta.(I(1,0,\beta+1))) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(4,3,1)(5,3,1)$	$\psi(\lambda\alpha.(\lambda\beta.(M_{\beta+1}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(4,3,1)(5,3,1)(5,3,1)$	$\psi(\lambda\alpha.(\lambda\beta.(N_{\beta+1}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(4,3,1)(5,3,1)(6,3,1)$	$\psi(\lambda\alpha.(\lambda\beta.(K_{\beta+1}) - \Pi_2) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,3,1)(5,3,1)(6,3,1)(7,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(4 \text{ aft } \beta) - \Pi_3) - \Pi_3)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,4,0)	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\gamma+1) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(3 - \pi - (+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,4,0)(2,2,0)(3,2,0)(4,1,1)-$ $-(5,2,1)(6,3,1)(7,4,0)(3,1,1)$	$\psi(1 - (\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\gamma + 1) - \Pi_0) - \Pi_0) - \Pi_1))$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,4,0)(2,2,1)(3,3,1)(4,4,0)$	$\psi(\lambda \alpha.(2\text{nd }\lambda \beta.(\lambda \gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)$
-(3,3,1)(4,4,0)(3,3,0)	$-(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $(4,4,0)(3,3,0)(4,3,0)(5,2,0)$	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)$
$ \begin{array}{c c} -(4,4,0)(3,3,0)(4,3,0)(5,2,0) - \\ -(6,3,1)(7,4,1)(8,5,0) \end{array} $	$-(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,4,0)(3,3,0)(4,3,0)(5,2,0)-$ $-(6,3,1)(7,4,1)(8,5,0)(4,2,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(4,4,0)(3,3,1)$	$\psi(\lambda \alpha.(\lambda \beta.(2 \text{ aft } \lambda \gamma.(\gamma+1) - \Pi_0) - \Pi_1) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	ah() a () 2 (2md) a (a + 1) H) H) H)
-(4,4,0)(3,3,1)(4,4,0)	$\psi(\lambda \alpha.(\lambda \beta.(2\text{nd }\lambda \gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\lambda\gamma.(\gamma+1)-\Pi_0)$
-(3,3,1)(4,4,0)(4,4,0)	$-(\lambda\gamma.(\gamma+1)-\Pi_0))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	
-(3,3,1)(4,4,0)(5,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+2)-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,4,0)(5,3,1)(6,4,0)	$\varphi(\wedge \alpha.(\wedge \beta.(\wedge \gamma.(\gamma + 2) - 110) - 110) - 110)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+\omega)-\Pi_0)-\Pi_0)-\Pi_0)$
-(3,3,1)(4,4,0)(5,4,0)	φ(λα.(λρ.(λγ.(γ + ω) 110) 110)
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+\alpha)-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,4,0)(5,4,0)(6,1,0)(2,0,0)	7 (() 0) 0)
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+\beta)-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,4,0)(5,4,0)(6,2,0)	, (, (, (, , , ,) ,) ,)
(0,0,0)(1,1,1)(2,2,1)(3,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma\cdot 2)-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,4,0)(5,4,0)(6,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\psi_{\Omega_{\gamma+1}}(0)) - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,4,0)(5,4,0)(6,3,0)(7,4,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma+1}) - \Pi_1) - \Pi_1) - \Pi_1)$
-(4,4,0)(5,4,0)(6,3,1)	
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,4,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\Omega_{\gamma+2})-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma+\omega}) - \Pi_1) - \Pi_1) - \Pi_1)$
-(3,3,1)(4,4,1)(5,0,0)	$\varphi(\lambda \alpha \cdot (\lambda \beta \cdot (\lambda \gamma \cdot (12\gamma + \omega) - 111) - 111))$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\Omega_{\gamma+\beta}) - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,4,1)(5,2,0)	7 (37 (37 (71)
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma.2}) - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,4,1)(5,3,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\psi_{I_{\gamma+1}}(0)) - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,4,1)(5,4,0)	
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(I_{\gamma+1}) - \Pi_1) - \Pi_1) - \Pi_1)$
$ \begin{array}{c} -(3,3,1)(4,4,1)(5,4,1) \\ \hline (0,0,0)(1,1,1)(2,2,1) - \end{array} $	
-(3,3,1)(4,4,1)(5,4,1)(6,4,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(M_{\gamma+1}) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	
-(4,4,1)(5,4,1)(6,4,1)(7,4,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(K_{\gamma+1})-\Pi_2)-\Pi_2)-\Pi_2)$
(0,0,0)(1,1,1)(2,2,1)-	
-(3,3,1)(4,4,1)(5,5,0)	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\lambda \delta.(\delta+1) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	
-(3,3,1)(4,4,1)(5,5,0)(6,4,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\lambda\delta.(\delta+1)-\Pi_1)-\Pi_1)-\Pi_1)-\Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,4,1)(5,5,1)(6,6,0)$	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\lambda \delta.(\lambda \epsilon.(\epsilon+1) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)	$\psi(\omega-\pi-\Pi_0)$

A.13 BMS vs 稳定 OCF(帕秋莉.ver)

本节的结果主要引自[29-31]。

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)	$\psi(\Pi_\omega)$
	$\psi(\lambda \alpha.(\alpha+1)-\Pi_0)$
(0.0.0)/1.1.1)/0.0.0)/1.1.1)/0.0.0)	$\psi(\Pi_\omega \cdot 2)$
(0,0,0)(1,1,1)(2,2,0)(1,1,1)(2,2,0)	$\psi(\lambda \alpha.(\alpha+1) - \Pi_0 \cdot 2)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha+1) - \Pi_0 \cdot 2)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)-	$\psi(\Pi_1 - \Pi_2 \; \Pi_1 - \Pi_2 \; \text{aft} \; \Pi_\omega)$
-(4,2,1)(5,2,1)	$\psi(\Pi_1 - \Pi_2 \Pi_1 - \Pi_2 \text{ aft } \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)-	$\psi(\Pi_1 - \Pi_2 - \Pi_2 \text{ aft } \Pi_{\omega})$
-(4,2,1)(5,2,1)(5,2,1)	$\psi(\Pi_1 - \Pi_2 - \Pi_2 \text{ aft } \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)-	$\psi(\Pi_1 - \Pi_3 \text{ aft } \Pi_\omega)$
-(4,2,1)(5,2,1)(6,2,1)	$\psi(\Pi_1 - \Pi_3 \text{ aft } \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)-	$\psi({ m 2nd}\ \Pi_\omega)$
-(3,2,1)(4,3,0)	$\psi(2 \operatorname{nd} \lambda \alpha.(\alpha+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)-	$\psi(2 \operatorname{nd} \Pi_{\omega} + \Pi_2 \operatorname{aft} \Pi_{\omega})$
-(4,3,0)(3,2,0)	$\psi(2\text{nd }\lambda\alpha.(\alpha+1)-\Pi_0+\Pi_2 \text{ aft }\lambda\alpha.(\alpha+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)-	$\psi(2{ m nd}\;\Pi_\omega\cdot 2)$
-(4,3,0)(3,2,1)(4,3,0)	$\psi(2\mathrm{nd}\ \lambda\alpha.(\alpha+1)-\Pi_0\cdot 2)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)-	$\psi(\Pi_2 \text{ aft } 2\mathrm{nd } \Pi_\omega)$
-(4,3,0)(4,2,0)(5,3,0)	$\psi(\Pi_2 \text{ aft } 2\text{nd } \lambda\alpha.(\alpha+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)-	$\psi({ m 3rd}\;\Pi_\omega)$
-(4,3,0)(4,2,0)(5,3,1)(6,4,0)	$\psi(3\mathrm{rd}\ \lambda\alpha.(\alpha+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,1)-	$\psi(4 h \Pi_\omega)$
-(4,3,0)(4,2,0)(5,3,1)(6,4,0)-	$\psi(4 \text{th } \lambda \alpha.(\alpha+1) - \Pi_0)$
-(6,3,0)(7,4,1)(8,5,0)	, , , ,
(0,0,0)(1,1,1)(2,2,0)(2,1,1)	$\psi(\Pi_1 - \Pi_\omega)$
	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(2,1,1)-	$\psi((\Pi_1-)^{(1,0)}\Pi_{\omega})$
-(3,1,0)(2,0,0)	$\psi((\Pi_1-)^{(1,0)}\lambda\alpha.(\alpha+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)-	$\psi((\Pi_1-)^{(1,1)}\Pi_{\omega})$
-(3,1,0)(2,1,1)	$\psi((\Pi_1-)^{(1,1)}\lambda\alpha.(\alpha+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,0)-	$\psi((\Pi_1-)^{(2,0)}\Pi_{\omega})$
-(2,1,1)(3,1,0)(2,0,0)	$\psi((\Pi_1-)^{(2,0)}\lambda\alpha.(\alpha+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)-	$\psi(\Pi_2 \text{ aft } \Pi_2 \Pi_1 - \Pi_\omega)$
-(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_2 \Pi_1 - \lambda \alpha.(\alpha+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)	$\psi(\Pi_1-\Pi_2\ \Pi_1-\Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 \; \Pi_1 - \lambda \alpha . (\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi(\Pi_1 - \Pi_2 \Pi_1 - \Pi_2 \Pi_1 - \Pi_\omega)$
-(2,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 \Pi_1 - \Pi_2 \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi((\Pi_2 \ \Pi_1 -)^{(1,0)}\Pi_\omega)$
-(3,1,0)(2,0,0)	$\psi((\Pi_2 \Pi_1 -)^{(1,0)} \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi(\Pi_2 \text{ aft } \Pi_2 - \Pi_2 \Pi_1 - \Pi_\omega)$
-(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_2 - \Pi_2 \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)-	$\psi(\Pi_1 - \Pi_2 - \Pi_2 \; \Pi_1 - \Pi_\omega)$
-(3,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \Pi_2 \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi(\Pi_1-\Pi_2-\Pi_2-\Pi_2\ \Pi_1-\Pi_\omega)$
-(3,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \Pi_2 - \Pi_2 \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi((\Pi_2-)^{(1,0)}\Pi_1-\Pi_{\omega})$
-(4,1,0)(2,0,0)	$\psi((\Pi_2-)^{(1,0)}\Pi_1-\lambda\alpha.(\alpha+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi(\Pi_2 \text{ aft } \Pi_3 \Pi_1 - \Pi_\omega)$
-(4,1,0)(5,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_3 \Pi_1 - \lambda \alpha.(\alpha+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)-	$\psi(\Pi_1-\Pi_3\;\Pi_1-\Pi_\omega)$
-(3,1,1)(4,1,1)	$\psi(\Pi_1 - \Pi_3 \; \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi(\Pi_1 - \Pi_2 - \Pi_3 \Pi_1 - \Pi_\omega)$
-(4,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \Pi_3 \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi(\Pi_1 - \Pi_3 \ \Pi_2 - \Pi_3 \ \Pi_1 - \Pi_\omega)$
-(4,1,1)(3,1,1)(4,1,1)	$\psi(\Pi_1 - \Pi_3 \; \Pi_2 - \Pi_3 \; \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi(\Pi_1 - \Pi_3 - \Pi_3 \; \Pi_1 - \Pi_\omega)$
-(4,1,1)(4,1,1)	$\psi(\Pi_1 - \Pi_3 - \Pi_3 \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)-	$\psi(\Pi_1 - \Pi_4 \; \Pi_1 - \Pi_\omega)$
-(4,1,1)(5,1,1)	$\psi(\Pi_1 - \Pi_4 \; \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)	$\psi(\Pi_{\omega} \ \Pi_1 - \Pi_{\omega})$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 \Pi_1 - \lambda\alpha.(\alpha+1) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(2,1,1)-	$\psi(\Pi_1 - \Pi_\omega \; \Pi_1 - \Pi_\omega)$
-(3,2,0)(2,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0 \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0.0.0)(1.1.1)(0.0.0)(0.1.1)(0.0.0)	$\psi(\Pi_{\omega} \ \Pi_1 - \Pi_{\omega} \ \Pi_1 - \Pi_{\omega})$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 \Pi_1 - \lambda\alpha.(\alpha+1) - \Pi_0$
-(2,1,1)(3,2,0)	$\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi((\Pi_{\omega} \Pi_1 -)^{(1,0)})$
-(3,1,0)(2,0,0)	$\psi((\lambda \alpha.(\alpha+1) - \Pi_0 \ \Pi_1 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_2 \text{ aft } \Pi_2 - \Pi_\omega)$
-(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)-	$\psi(\Pi_1 - \Pi_2 - \Pi_\omega)$
-(3,2,0)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0.0.0)(1.1.1)(0.0.0)(0.1.1)(0.0.0)	$\psi(\Pi_1 - \Pi_2 - \Pi_\omega \; \Pi_1 - \Pi_2 - \Pi_\omega)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0) - \\ -(3,1,1)(2,1,1)(3,2,0)(3,1,1) \end{array} $	$\psi(\Pi_1 - \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_0$
-(3,1,1)(2,1,1)(3,2,0)(3,1,1)	$\Pi_1 - \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi((\Pi_2 - \Pi_\omega \Pi_1 -)^{(1,0)})$
-(3,1,1)(3,1,0)(2,0,0)	$\psi((\Pi_1 - \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_0 \Pi_1 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_2 \text{ aft } \Pi_2 - \Pi_2 - \Pi_\omega)$
-(3,1,1)(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_2 - \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_1-\Pi_2-\Pi_2-\Pi_\omega)$
-(3,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \Pi_2 - \lambda\alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_1 - \Pi_3 \; \Pi_2 - \Pi_\omega)$
-(3,1,1)(4,1,1)	$\psi(\Pi_1 - \Pi_3 \; \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_1 - \Pi_4 \; \Pi_2 - \Pi_\omega)$
-(3,1,1)(4,1,1)(5,1,1)	$\psi(\Pi_1 - \Pi_4 \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_{\omega} \ \Pi_2 - \Pi_{\omega})$
-(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 \Pi_2 - \lambda\alpha.(\alpha+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_{\omega} \ \Pi_2 - \Pi_{\omega} \ \Pi_2 - \Pi_{\omega})$
-(3,1,1)(4,2,0)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 \Pi_2 - \lambda\alpha.(\alpha+1) - \Pi_0$
(0,1,1)(1,2,0)(0,1,1)(1,2,0)	$\Pi_2 - \lambda \alpha.(\alpha+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_1 - \Pi_3 - \Pi_\omega)$
-(3,1,1)(4,2,0)(4,1,1)	$\psi(\Pi_1 - \Pi_3 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_\omega\;\Pi_3-\Pi_\omega)$
-(3,1,1)(4,2,0)(4,1,1)(5,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 \ \Pi_3 - \lambda\alpha.(\alpha+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)-	$\psi(\Pi_1-\Pi_4-\Pi_\omega)$
-(3,1,1)(4,2,0)(4,1,1)(5,2,0)(5,1,1)	$\psi(\Pi_1 - \Pi_4 - \lambda \alpha.(\alpha + 1) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(2,2,0)	$\psi(\Pi_{\omega}-\Pi_{\omega})$
	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha+1) - \Pi_0)$
(0.0.0)/1.1.1/(0.0.0)/0.2.0)/0.1.1	$\psi(\Pi_1 - \Pi_\omega - \Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,2,0)(2,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_0 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(2,2,0)(2,1,1)-	$\psi(\Pi_1 - \Pi_2 - \Pi_\omega - \Pi_\omega)$
-(3,2,0)(3,2,0)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_0 - \lambda \alpha.(\alpha + 1) - \Pi_0)$
	$\psi(\Pi_\omega-\Pi_\omega-\Pi_\omega)$
(0,0,0)(1,1,1)(2,2,0)(2,2,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha+1)$
	$-\Pi_0 - \lambda \alpha.(\alpha+1) - \Pi_0)$
	$\psi((\Pi_{\omega}-)^{\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,0,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0-)^{\omega})$
	$\psi((\Pi_\omega-)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,0,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0-)^{(1,0)})$
	$\psi(\Pi_1 - (\Pi_\omega -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,1,1)	$\psi(\Pi_1 - (\lambda \alpha.(\alpha + 1) - \Pi_0 -)^{(1,0)})$
	$\psi(\Pi_{\omega} \ \Pi_{1} - (\Pi_{\omega} -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)-	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0\ \Pi_1$
-(2,1,1)(3,2,0)	$-(\lambda \alpha.(\alpha+1) - \Pi_0 -)^{(1,0)})$
	$\psi((\Pi_{\omega}-)^{(1,0)}\Pi_{1}-(\Pi_{\omega}-)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,1,1)-	$\psi((\lambda \alpha.(\alpha+1) - \Pi_0 -)^{(1,0)} \Pi_1$
-(3,2,0)(4,1,0)(2,0,0)	$-(\lambda \alpha.(\alpha + 1) - \Pi_0 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,1,1)-	$\psi(((\Pi_{\omega}-)^{(1,0)}\Pi_{1}-)^{(1,0)})$
-(3,2,0)(4,1,0)(3,1,0)(2,0,0)	$\psi(((\lambda\alpha.(\alpha+1)-\Pi_0-)^{(1,0)}\Pi_1-)^{(1,0)})$
$\frac{(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,1,1)}{(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,1,1)}$	$\psi(((\lambda \alpha.(\alpha+1)-\Pi_0-)^{-1}\Pi_1-)^{-1})$ $\psi(\Pi_1-\Pi_2-(\Pi_{\omega}-)^{(1,0)})$
-(3,2,0)(4,1,0)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - (\lambda \alpha.(\alpha + 1) - \Pi_0 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,1,1)-	
-(3,2,0)(4,1,0)(3,1,1)	$\psi(\Pi_1 - \Pi_3 - (\Pi_\omega -)^{(1,0)})$
-(4,2,0)(5,1,0)(4,1,1)	$\psi(\Pi_1 - \Pi_3 - (\lambda \alpha.(\alpha + 1) - \Pi_0 -)^{(1,0)})$
	$\psi((\Pi_{\omega}-)^{(1,1)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,2,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0-)^{(1,1)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(2,2,0)-	$\psi((\Pi_{\omega}-)^{(2,0)})$
-(3,1,0)(2,0,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0-)^{(2,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)-	$\psi((\lambda \alpha.(\alpha+1) - \Pi_0 -)^{(2,0)})$ $\psi((\Pi_\omega -)^{(1,0,0)})$
-(3,1,0)(2,0,0)	$\psi((\lambda \alpha.(\alpha+1) - \Pi_0 -)^{(1,0,0)})$
	$\psi(\Pi_2 ext{ aft } \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha+1) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,1,1)	$\psi(\Pi_1-\Pi_{\omega+1})$
	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1 \text{ aft } \Pi_1 - \Pi_{\omega+1})$
-(2,1,0)(3,2,0)	$\psi(\Pi_1 \text{ aft } \Pi_1 - \lambda \alpha.(\alpha+1) - \Pi_1)$
(0,0,0)/1,1,1)/2,2,0)/2,1,1)/2,1,1)	$\psi(\Pi_1-\Pi_1-\Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,1,1)	$\psi(\Pi_1 - \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_{\omega}\;\Pi_1-\Pi_{\omega+1})$
-(2,1,1)(3,2,0)	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0\ \Pi_1-\lambda\alpha.(\alpha+1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,1,1)-	$\psi(\Pi_{\omega} - \Pi_{\omega} \ \Pi_1 - \Pi_{\omega+1})$
-(3,2,0)(3,2,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0-)^2\Pi_1-\lambda\alpha.(\alpha+1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,1,1)-	$\psi(\Pi_2 \text{ aft } \Pi_{\omega+1} \Pi_1 - \Pi_{\omega+1})$
-(3,2,0)(4,1,0)(5,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha+1) - \Pi_1 \Pi_1 - \lambda \alpha.(\alpha+1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,1,1)-	$\psi(\Pi_1 - \Pi_{\omega+1} \ \Pi_1 - \Pi_{\omega+1})$
-(3,2,0)(4,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1 \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,1,1)-	$\psi(\Pi_1 - \Pi_2 - \Pi_{\omega+1})$
-(3,2,0)(4,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \lambda \alpha.(\alpha + 1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,1,1)-	$\psi(\Pi_1-\Pi_3-\Pi_{\omega+1})$
-(3,2,0)(4,1,1)(3,1,1)-	$\psi(\Pi_1 - \Pi_3 - \lambda \alpha.(\alpha + 1) - \Pi_1)$
-(4,2,0)(5,1,1)(4,1,1)	
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,2,0)	$\psi(\Pi_{\omega}-\Pi_{\omega+1})$
(0,0,0)/1,1,1)/0,2,0)/2,1,1)/0,2,0)	$\frac{\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha+1) - \Pi_1)}{\psi((\Pi_{\omega}-)^{(1,0)}\Pi_{\omega+1})}$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,2,0) - \\ -(3,1,0)(2,0,0) \end{vmatrix} $	/ ((&
-(3,1,0)(2,0,0)	$\frac{\psi((\lambda \alpha.(\alpha+1) - \Pi_0 -)^{(1,0)} \lambda \alpha.(\alpha+1) - \Pi_1)}{\psi(\Pi_2 \text{ aft } \Pi_{\omega+1} \Pi_{\omega} - \Pi_{\omega+1})}$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(2,2,0)-	$\psi(\Pi_2 \text{ aft } \Pi_{\omega+1} \Pi_{\omega} - \Pi_{\omega+1})$ $\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha+1) - \Pi_1$
-(3,1,0)(4,2,0)	, (- , , , -
	$\frac{\lambda \alpha.(\alpha+1) - \Pi_0 - \lambda \alpha.(\alpha+1) - \Pi_1)}{\psi(\Pi_1 - \Pi_{\omega+1} \Pi_{\omega} - \Pi_{\omega+1})}$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_{\omega+1} \Pi_{\omega} - \Pi_{\omega+1})$ $\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1$
-(2,2,0)(3,1,1)	
	$\lambda \alpha . (\alpha + 1) - \Pi_0 - \lambda \alpha . (\alpha + 1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(3,0,0)	$\psi((\Pi_{\omega+1}\ \Pi_{\omega}-)^{\omega})$
(0.0.0)/1.1.1)/0.0.0)/0.1.1)	$\frac{\psi((\lambda \alpha.(\alpha+1) - \Pi_1 \ \lambda \alpha.(\alpha+1) - \Pi_0 -)^{\omega})}{\psi((\Pi_{\omega+1} \ \Pi_{\omega} -)^{(1,0)})}$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-(3,1,0)(2,0,0)	
	$\psi((\lambda \alpha.(\alpha + 1) - \Pi_1 \ \lambda \alpha.(\alpha + 1) - \Pi_0 -)^{(1,0)})$ $\psi(\Pi_2 \text{ aft } \Pi_{\omega+1} - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_{\omega+1} - \Pi_{\omega+1})$ $\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha+1) - \Pi_1 - \lambda \alpha.(\alpha+1) - \Pi_1)$
(0,1,0)(1,2,0)	$\psi(\Pi_2 \text{ art } \lambda \alpha.(\alpha + 1) - \Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1)$ $\psi(\Pi_1 - \Pi_{\omega+1} - \Pi_{\omega+1})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_{\omega+1} - \Pi_{\omega+1})$ $\psi(\Pi_1 - \lambda \alpha.(\alpha+1) - \Pi_1 - \lambda \alpha.(\alpha+1) - \Pi_1)$
	$\varphi(\Pi_1 \wedge \alpha \cdot (\alpha + 1) \Pi_1 \wedge \alpha \cdot (\alpha + 1) = \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_{\omega+1} - \Pi_{\omega+1} - \Pi_{\omega+1})$
-(3,1,1)(3,1,1)	$\psi(\Pi_1 - (\lambda \alpha.(\alpha + 1) - \Pi_1 -)^3)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(4,0,0)	$\psi((\Pi_{\omega+1}-)^{\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,0,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_1-)^{\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi((\Pi_{\omega+1}-)^{(1,0)})$
-(4,1,0)(2,0,0)	$\psi((\lambda \alpha.(\alpha+1) - \Pi_1 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1 - (\Pi_{\omega+1} -)^{(1,0)})$
-(4,1,0)(2,1,1)	$\psi(\Pi_1 - (\lambda \alpha.(\alpha + 1) - \Pi_1 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_{\omega} - (\Pi_{\omega+1} -)^{(1,0)})$
-(4,1,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - (\lambda\alpha.(\alpha+1) - \Pi_1 -)^{(1,0)})$
(0.0.0)(1.1.1)(0.0.0)(0.1.1)	$\psi(\Pi_{\omega+1} \; \Pi_{\omega} - (\Pi_{\omega+1} -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\lambda\alpha.(\alpha+1)-\Pi_1 \lambda\alpha.(\alpha+1)$
-(4,1,0)(2,2,0)(3,1,1)	$-\Pi_0 - (\lambda \alpha . (\alpha + 1) - \Pi_1 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi((\Pi_{\omega+1}-)^{(1,1)})$
-(4,1,0)(3,1,1)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_1-)^{(1,1)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi((\Pi_{\omega+1}-)^{(2,0)})$
-(4,1,0)(3,1,1)(4,1,0)(2,0,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_1-)^{(2,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_2 \text{ aft } \Pi_{\omega+2})$
-(4,1,0)(5,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha+1) - \Pi_2)$
(0.0.0)/1.1.1)/0.0.0)/2.1.1)/4.1.1)	$\psi(\Pi_1 - \Pi_{\omega+2})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_{\omega+2} - \Pi_{\omega+2})$
-(4,1,1)(4,1,1)	$\psi(\Pi_1 - (\lambda \alpha.(\alpha + 1) - \Pi_2 -)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,1,1)-	$\psi(\Pi_2 \text{ aft } \Pi_{\omega+3})$
-(5,1,0)(6,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha+1) - \Pi_3)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_{\omega+3})$
-(4,1,1)(5,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_3)$
(0,0,0)(1,1,1)(2,2,0)(2,1,1)(4,2,0)	$\psi(\Pi_{\omega \cdot 2})$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\alpha+2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_{\omega \cdot 2})$
-(4,2,0)(2,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_{\omega} - \Pi_{\omega \cdot 2})$
-(4,2,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha+2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_{\omega+1} - \Pi_{\omega \cdot 2})$
-(4,2,0)(3,1,1)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_1 - \lambda\alpha.(\alpha+2) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,2,0)	$\psi(\Pi_{\omega \cdot 2} \ \Pi_{\omega + 1} - \Pi_{\omega \cdot 2})$
	$\psi(\lambda \alpha.(\alpha+2)-\Pi_0$
-(3,1,1)(4,2,0)	$\lambda \alpha.(\alpha+1) - \Pi_1 - \lambda \alpha.(\alpha+2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_{\omega+2}-\Pi_{\omega\cdot 2})$
-(4,2,0)(4,1,1)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_2 - \lambda\alpha.(\alpha+2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_{\omega \cdot 2} - \Pi_{\omega \cdot 2})$
-(4,2,0)(4,2,0)	$\psi((\lambda\alpha.(\alpha+2)-\Pi_0-)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,2,0)-	$\psi(\Pi_2 \text{ aft } \Pi_{\omega \cdot 2+1})$
-(5,1,0)(6,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha+2) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_{\omega \cdot 2 + 1})$
-(4,2,0)(5,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 2) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,2,0)-	$\psi(\Pi_1 - \Pi_{\omega \cdot 2+1} - \Pi_{\omega \cdot 2+1})$
-(5,1,1)(5,1,1)	$\psi(\Pi_1 - (\lambda\alpha.(\alpha+2) - \Pi_1 -)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,2,0)-	$\psi(\Pi_1 - \Pi_{\omega \cdot 2 + 2})$
-(5,1,1)(6,1,1)	$\psi(\Pi_1 - \lambda \alpha . (\alpha + 2) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,2,0)-	$\psi(\Pi_1 - \Pi_{\omega \cdot 2+3})$
-(5,1,1)(6,1,1)(7,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 2) - \Pi_3)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,2,0)-	$\psi(\Pi_{\omega \cdot 3})$
-(5,1,1)(6,2,0)	$\psi(\lambda\alpha.(\alpha+3)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,1,1)(4,2,0)-	$\psi(\Pi_{\omega\cdot 4})$
-(5,1,1)(6,2,0)(7,1,1)(8,2,0)	$\psi(\lambda\alpha.(\alpha+4)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	$\psi(\Pi_{\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(0,2,0)	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,1,1)	$\psi(\Pi_1-\Pi_{\omega^2})$
(0,0,0)(1,1,1)(1,1,0)(0,1,0)(1,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)	$\psi(\Pi_{\omega}-\Pi_{\omega^2})$
(0,0,0)(1,1,1)(1,1,0)(0,1,0)(1,1,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha+\omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \Pi_{\omega+1} \ \Pi_{\omega} - \Pi_{\omega^2})$
-(2,2,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1$
(, ,-,(-, , ,	$\lambda \alpha.(\alpha+1) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)-	$\psi(\Pi_1 - \Pi_{\omega+2} \; \Pi_{\omega} - \Pi_{\omega^2})$
$(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)^2$ -(3,1,1)(4,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_2$
(3,2,1)(2,2,2)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_0)$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0) - \\ -(3,1,1)(4,2,0) \end{vmatrix} $	$\psi(\Pi_{\omega \cdot 2} \ \Pi_{\omega} - \Pi_{\omega^2})$
	$\psi(\lambda\alpha.(\alpha+2)-\Pi_0$
(0,1,1)(1,2,0)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_0)$

BMS	稳定 OCF
(0.0.0)/1.1.1/(0.0.0)/0.0.0/(0.0.0)	$\psi(\Pi_{\omega\cdot 3}\;\Pi_{\omega}-\Pi_{\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+3)-\Pi_0$
-(3,1,1)(4,2,0)(5,1,1)(6,2,0)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)-	$\psi((\Pi_{\omega^2} \Pi_{\omega} -)^2 \Pi_{\omega^2})$
-(3,1,1)(4,2,0)(5,2,0)(2,2,0)	$\psi((\lambda\alpha.(\alpha+\omega)-\Pi_0$
-(3,1,1)(4,2,0)(5,2,0)	$\lambda \alpha.(\alpha+1) - \Pi_0 -)^2 \lambda \alpha.(\alpha+\omega) - \Pi_0$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)-	$\psi(\Pi_1-\Pi_{\omega+1}-\Pi_{\omega^2})$
-(3,1,1)(4,2,0)(5,2,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1 - \lambda \alpha.(\alpha + \omega) - \Pi_0)$
	$\psi(\Pi_{\omega \cdot 2} \ \Pi_{\omega + 1} - \Pi_{\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)-	$\psi(\lambda\alpha.(\alpha+2)-\Pi_0$
-(3,1,1)(4,2,0)(5,2,0)(3,1,1)(4,2,0)	$\lambda \alpha.(\alpha+1) - \Pi_1 - \lambda \alpha.(\alpha+\omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)-	$\psi(\Pi_{\omega^2} \Pi_{\omega+1} - \Pi_{\omega^2})$
-(3,1,1)(4,2,0)(5,2,0)	$\psi(\lambda \alpha.(\alpha+\omega)-\Pi_0$
-(3,1,1)(4,2,0)(5,2,0)	$\lambda \alpha.(\alpha+1) - \Pi_1 - \lambda \alpha.(\alpha+\omega) - \Pi_0$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)-	$\frac{\lambda \alpha.(\alpha+1) - \Pi_1 - \lambda \alpha.(\alpha+\omega) - \Pi_0)}{\psi(\Pi_1 - \Pi_{\omega+2} - \Pi_{\omega^2})}$
-(3,1,1)(4,2,0)(5,2,0)(4,1,1)	
$\frac{(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)}{(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)}$	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_2 - \lambda \alpha.(\alpha + \omega) - \Pi_0)$ $\psi(\Pi_{\omega.2} - \Pi_{\omega^2})$
$(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)^{2}$ -(3,1,1)(4,2,0)(5,2,0)(4,2,0)	, (2 2)
-(3,1,1)(4,2,0)(3,2,0)(4,2,0)	$\psi(\lambda \alpha.(\alpha+2) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_0)$ $\psi(\Pi_{\omega\cdot 2+1} \Pi_{\omega\cdot 2} - \Pi_{\omega^2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)-	, (= ,
-(3,1,1)(4,2,0)(5,2,0)(4,2,0)(5,1,1)	$\psi(\lambda\alpha.(\alpha+2)-\Pi_1$
(0.0.0)(1.1.1)(0.0.0)(0.0.0)(0.0.0)	$\lambda \alpha.(\alpha+2) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)	$\psi(\Pi_1 - \Pi_{\omega \cdot 2 + 1} - \Pi_{\omega^2})$
$ \begin{array}{c c} -(3,1,1)(4,2,0)(5,2,0)(4,2,0)(5,1,1) - \\ -(6,2,0)(7,2,0)(5,1,1) \end{array} $	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 2) - \Pi_1 - \lambda \alpha.(\alpha + \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)-	
-(3,1,1)(4,2,0)(5,2,0)(4,2,0)(5,1,1)	$\psi(\Pi_1 - \Pi_{\omega \cdot 2 + 2} - \Pi_{\omega^2})$
-(6,2,0)(7,2,0)(6,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 2) - \Pi_2 - \lambda \alpha.(\alpha + \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(2,2,0)-	//H H)
-(3,1,1)(4,2,0)(5,2,0)(4,2,0)-	$\psi(\Pi_{\omega\cdot 3} - \Pi_{\omega^2})$
-(5,1,1)(6,2,0)(7,2,0)(6,2,0)	$\psi(\lambda\alpha.(\alpha+3) - \Pi_0 - \lambda\alpha.(\alpha+\omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\omega^2}-\Pi_{\omega^2})$
-(2,2,0)(3,2,0)	$\psi((\lambda\alpha.(\alpha+\omega)-\Pi_0-)^2)$
(0,0,0)(1,1,1)(2,2,0)(2,2,0)(2,0,0)	$\psi((\Pi_{\omega^2}-)^\omega)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,0,0)	$\psi((\lambda\alpha.(\alpha+\omega)-\Pi_0-)^{\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\Pi_{\omega^2}-)^{(1,0)})$
-(3,1,0)(2,0,0)	$\psi((\lambda\alpha.(\alpha+\omega)-\Pi_0-)^{(1,0)})$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_2 \text{ aft } \Pi_{\omega^2+1})$
-(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha + \omega) - \Pi_1)$
(0.0.0)(1.1.1)(0.0.0)(0.0.0)(0.1.1)	$\psi(\Pi_1 - \Pi_{\omega^2 + 1})$
$ \left (0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1) \right $	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\omega} - \Pi_{\omega^2 + 1})$
-(3,1,1)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha+\omega) - \Pi_1)$
(0.0.0)(1.1.1)(0.0.0)(0.0.0)(0.1.1)	$\psi(\Pi_1 - \Pi_{\omega+1} \Pi_{\omega} - \Pi_{\omega^2+1})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1$
-(2,2,0)(3,1,1)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_1)$
	$\psi(\Pi_{\omega^2} \ \Pi_{\omega} - \Pi_{\omega^2 + 1})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0$
-(2,2,0)(3,1,1)(4,2,0)(5,2,0)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_1)$
	$\psi(\Pi_1 - \Pi_{\omega^2+1} \ \Pi_{\omega} - \Pi_{\omega^2+1})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega) - \Pi_1$
-(2,2,0)(3,1,1)(4,2,0)(5,2,0)(5,1,1)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	
-(2,2,0)(3,1,1)(4,2,0)-	$\psi(\Pi_1 - \Pi_{\omega+1} - \Pi_{\omega^2+1})$
-(5,2,0)(5,1,1)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1 - \lambda \alpha.(\alpha + \omega) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_{\omega \cdot 2} - \Pi_{\omega^2 + 1})$
-(2,2,0)(3,1,1)(4,2,0)-	$\psi(\lambda \alpha.(\alpha+2) - \Pi_0 - \lambda \alpha.(\alpha+\omega) - \Pi_1)$
-(5,2,0)(5,1,1)(4,2,0)	$\psi(\lambda\alpha.(\alpha+2)-\Pi_0-\lambda\alpha.(\alpha+\omega)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	
-(2,2,0)(3,1,1)(4,2,0)(5,2,0)(5,1,1)-	$\psi(\Pi_1 - \Pi_{\omega \cdot 2+1} - \Pi_{\omega^2 + 1})$
-(4,2,0)(5,1,1)(6,2,0)(7,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 2) - \Pi_1 - \lambda \alpha.(\alpha + \omega) - \Pi_1)$
-(7,1,1)(5,1,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_{\omega\cdot 3}-\Pi_{\omega^2+1})$
$\begin{bmatrix} -(2,2,0)(3,1,1)(4,2,0)(5,2,0)(5,1,1) - \\ -(4,2,0)(5,1,1)(6,2,0)(7,2,0) - \end{bmatrix}$, (= 1 -)
-(4,2,0)(3,1,1)(6,2,0)(7,2,0) -(7,1,1)(6,2,0)	$\psi(\lambda\alpha.(\alpha+3)-\Pi_0-\lambda\alpha.(\alpha+\omega)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_{\omega^2} - \Pi_{\omega^2+1})$
-(2,2,0)(3,2,0)	$\psi(\lambda \alpha.(\alpha + \omega) - \Pi_0 - \lambda \alpha.(\alpha + \omega) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_{\omega^2} - \Pi_{\omega^2} - \Pi_{\omega^2+1})$
-(2,2,0)(3,2,0)(2,2,0)(3,2,0)	$\psi((\lambda \alpha.(\alpha + \omega) - \Pi_0 -)^2 \lambda \alpha.(\alpha + \omega) - \Pi_1)$
() ,-,(-),-,-,-,(-),-,-,-)(-,-,-,-)	$\psi((\lambda \alpha.(\alpha + \omega) - \Pi_0 -) \lambda \alpha.(\alpha + \omega) - \Pi_1)$ $\psi(\Pi_1 - \Pi_{\omega^2 + 1} \Pi_{\omega^2} - \Pi_{\omega^2 + 1})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega) - \Pi_1)$
-(2,2,0)(3,2,0)(3,1,1)	$\lambda \alpha.(\alpha + \omega) - \Pi_0 - \lambda \alpha.(\alpha + \omega) - \Pi_1)$
	$\lambda \alpha . (\alpha + \omega) - \Pi_0 - \lambda \alpha . (\alpha + \omega) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)/1,1,1)/0,0,0)/2,0,0)/2,1,1)	$\psi(\Pi_{\omega^2} - \Pi_{\omega^2+1} \ \Pi_{\omega^2} - \Pi_{\omega^2+1})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1) - $(2,2,0)(3,2,0)(3,1,1)(2,2,0)(3,2,0)$	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0-\lambda\alpha.(\alpha+\omega)-\Pi_1$
-(2,2,0)(3,2,0)(3,1,1)(2,2,0)(3,2,0)	$\lambda \alpha.(\alpha + \omega) - \Pi_0 - \lambda \alpha.(\alpha + \omega) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \Pi_{\omega^2 + 1} - \Pi_{\omega^2 + 1})$
-(3,1,1)(3,1,1)	$\psi(\Pi_1 - (\lambda \alpha . (\alpha + \omega) - \Pi_1 -)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1-\Pi_{\omega^2+2})$
-(3,1,1)(4,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\omega^2+\omega})$
-(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\alpha+\omega+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_{\omega^2 + \omega + 1})$
-(4,2,0)(5,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega + 1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_{\omega^2+\omega\cdot 2})$
-(4,2,0)(5,1,1)(6,2,0)	$\psi(\lambda\alpha.(\alpha+\omega+2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_{\omega^2+\omega\cdot 3})$
-(4,2,0)(5,1,1)(6,2,0)(7,1,1)(8,2,0)	$\psi(\lambda lpha.(lpha+\omega+3)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\omega^2 \cdot 2})$
-(3,1,1)(4,2,0)(5,2,0)	$\psi(\lambda\alpha.(\alpha+\omega\cdot2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_{\omega^2 \cdot 2} - \Pi_{\omega^2 \cdot 2})$
-(4,2,0)(5,2,0)(4,2,0)(5,2,0)	$\psi((\lambda\alpha.(\alpha+\omega\cdot 2)-\Pi_0-)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_{\omega^2 \cdot 2 + 1})$
-(4,2,0)(5,2,0)(5,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega \cdot 2) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,1,1)-	$\psi(\Pi_{\omega^2\cdot 3})$
-(4,2,0)(5,2,0)(5,1,1)(6,2,0)(7,2,0)	$\psi(\lambda\alpha.(\alpha+\omega\cdot3)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,2,0)	$\psi(\Pi_{\omega^3})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,2,0)	$\psi(\lambda \alpha.(\alpha+\omega^2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_\omega-\Pi_{\omega^3})$
-(3,2,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0-\lambda\alpha.(\alpha+\omega^2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,2,0)-	$\psi(\Pi_{\omega^2}-\Pi_{\omega^3})$
-(2,2,0)(3,2,0)	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0-\lambda\alpha.(\alpha+\omega^2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,2,0)-	$\psi(\Pi_{\omega^3}-\Pi_{\omega^3})$
-(2,2,0)(3,2,0)(3,2,0)	$\psi((\lambda\alpha.(\alpha+\omega^2)-\Pi_0-)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1-\Pi_{\omega^3+1})$
-(3,2,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega^2) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1-\Pi_{\omega^3+1})$
-(3,2,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega^2) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,2,0)-	$\psi(\Pi_{\omega^3+\omega})$
-(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\alpha+\omega^2+1)-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,2,0)-	$\psi(\Pi_{\omega^3\cdot 2})$
-(3,1,1)(4,2,0)(5,2,0)(5,2,0)	$\psi(\lambda\alpha.(\alpha+\omega^2\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,2,0)-	$\psi(\Pi_{\omega^3,3})$
-(3,1,1)(4,2,0)(5,2,0)(5,2,0)-	$\psi(\Lambda\alpha.(\alpha+\omega^2\cdot3)-\Pi_0)$
-(5,1,1)(6,2,0)(7,2,0)(7,2,0)	$\psi(\lambda\alpha.(\alpha+\omega+3)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\omega^4})$
-(3,2,0)(3,2,0)	$\psi(\lambda \alpha.(\alpha+\omega^3)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(3,2,0)-	$\psi(\Pi_{\omega^5})$
-(3,2,0)(3,2,0)	$\psi(\lambda\alpha.(\alpha+\omega^4)-\Pi_0)$
(0.0.0)/1.1.1)/0.2.0)/2.2.0)/4.0.0)	$\psi(\Pi_{\omega^\omega})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,0,0)	$\psi(\lambda\alpha.(\alpha+\omega^{\omega})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,0,0)-	$\psi(\Pi_{\omega^\omega}-\Pi_{\omega^\omega})$
-(2,2,0)(3,2,0)(4,0,0)	$\psi((\lambda\alpha.(\alpha+\omega^{\omega})-\Pi_0-)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \Pi_{\omega^\omega + 1})$
-(4,0,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \omega^{\omega}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,0,0)-	$\psi(\Pi_{\omega^\omega\cdot 2})$
-(3,1,1)(4,2,0)(5,2,0)(6,0,0)	$\psi(\lambda\alpha.(\alpha+\omega^{\omega}\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\omega^{\omega+1}})$
-(4,0,0)(3,2,0)	$\psi(\lambda\alpha.(\alpha+\omega^{\omega+1})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\omega^2})$
-(4,0,0)(4,0,0)	$\psi(\lambda \alpha.(\alpha + \omega^{\omega^2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\psi(\Omega)})$
-(4,0,0)(5,1,0)	$\psi(\lambda \alpha.(\alpha + \psi(\Omega)) - \Pi_0)$
	$\psi(\Pi_{\Pi_2})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda \alpha.(\alpha + \Pi_2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(1,1,0)(2,2,1)(3,3,0)(4,3,0)-	$\psi(\Pi_{\Pi_2}-\Pi_{\Pi_2})$
-(5,1,0)(3,3,0)(4,3,0)(5,1,0)	$\psi((\lambda\alpha.(\alpha+\Pi_2)-\Pi_0-)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_1-\Pi_{\Pi_2+1})$
-(1,1,0)(2,2,1)(3,3,0)-	
-(4,3,0)(5,1,0)(4,2,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + \Pi_2) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{\Pi_2 \cdot \cdot 2})$
-(1,1,0)(2,2,1)(3,3,0)(4,3,0)(5,1,0)-	$\psi(\lambda\alpha.(\alpha+\Pi_2\cdot 2)-\Pi_0)$
-(4,2,1)(5,3,0)(6,3,0)(7,1,0)	$\psi(\wedge\alpha.(\alpha+\Pi_2\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{\Pi_2\cdot\omega})$
-(1,1,0)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\alpha+\Pi_2\cdot\omega)-\Pi_0)$
-(4,3,0)(5,1,0)(4,3,0)	7 ((12) 220)

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{ ext{2nd }\Pi_2})$
-(1,1,0)(2,2,1)(3,3,0)(4,3,0)(5,2,0)	$\psi(\lambda\alpha.(\alpha+2\mathrm{nd}\;\Pi_2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\Pi_{\omega}})$
-(4,1,0)(1,1,1)(2,2,0)	$\psi(\lambda\alpha.(\alpha+\lambda\alpha.(\alpha+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{\Pi_{\Pi_2}})$
-(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda\alpha.(\alpha+\lambda\alpha.(\alpha+\Pi_2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{\Pi_{\Pi_{\Pi_2}}})$
-(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\alpha + \lambda\alpha.(\alpha + \lambda\alpha.(\alpha + \Pi_2) - \Pi_0) - \Pi_0) - \Pi_0)$
-(1,1,1)(2,2,0)(3,2,0)(4,1,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1,0)})$
-(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_2 \text{ aft } \Pi_{(1,0)})$
-(4,1,0)(2,1,0)(3,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_1 - \Pi_{(1,0)})$
-(3,2,0)(4,1,0)(2,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{(1,0)} \; \Pi_1 - \Pi_{(1,0)})$
-(2,1,1)(3,2,0)(4,2,0)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 \Pi_1 - \lambda\alpha.(\alpha\cdot 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_1 - \Pi_2 - \Pi_{(1,0)})$
-(2,1,1)(3,2,0)(4,2,0)(5,1,0)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \lambda \alpha . (\alpha \cdot 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_1 - \Pi_3 - \Pi_{(1,0)})$
-(2,1,1)(3,2,0)(4,2,0)(5,1,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_3 - \lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
$ \begin{array}{c} -(4,2,0)(5,2,0)(6,1,0)(4,1,1) \\ \hline (0,0,0)(1,1,1)(2,2,0) - \end{array} $	$\psi(\Pi_{\omega}-\Pi_{(1.0)})$
$(0,0,0)(1,1,1)(2,2,0)^{2}$ -(3,2,0)(4,1,0)(2,2,0)	$\psi(\lambda \alpha.(\alpha+1) - \Pi_0 - \lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\omega^2} - \Pi_{(1,0)})$
-(4,1,0)(2,2,0)(3,2,0)	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0-\lambda\alpha.(\alpha\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{\Pi_2} - \Pi_{(1,0)})$
-(4,1,0)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda \alpha.(\alpha + \Pi_2) - \Pi_0 - \lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{\Pi_{\Pi_2}-\Pi_{(1,0)}}-\Pi_{(1,0)})$
-(2,2,0)(3,2,0)(4,1,0)(1,1,1)(2,2,0)-	$\psi(\lambda\alpha.(\alpha+\lambda\alpha.(\alpha+\Pi_2)-\Pi_0-\lambda\alpha.(\alpha\cdot 2)-\Pi_0)$
-(3,2,0)(4,1,0)(2,2,0)(3,2,0)(4,1,0)	$-\Pi_0 - \lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{(1,0)} - \Pi_{(1,0)})$
-(2,2,0)(3,2,0)(4,1,0)(2,0,0)	$\psi((\lambda\alpha.(\alpha\cdot 2) - \Pi_0 -)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	$\psi(\Pi_2 \text{ aft } \Pi_{(1,1)})$
-(4,1,0)(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha \cdot 2) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_1-\Pi_{(1,1)})$
-(3,2,0)(4,1,0)(3,1,1)	$\psi(\Pi_1 - \lambda lpha.(lpha \cdot 2) - \Pi_1)$
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BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,0)} - \Pi_{(1,1)})$
-(3,1,1)(2,2,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 - \lambda\alpha.(\alpha\cdot 2) - \Pi_1)$
(0.0.0)(1.1.1)(2.0.0)(2.0.0)(1.1.0)	$\psi(\Pi_1 - \Pi_{(1,1)} \ \Pi_{(1,0)} - \Pi_{(1,1)})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_1$
-(3,1,1)(2,2,0)(3,2,0)(4,1,0)(3,1,1)	$\lambda \alpha.(\alpha \cdot 2) - \Pi_0 - \lambda \alpha.(\alpha \cdot 2) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi((\Pi_{(1,1)} \Pi_{(1,0)}-)^{(1,0)})$
-(4,1,0)(3,1,1)(3,1,0)(2,0,0)	$\psi((\lambda \alpha.(\alpha \cdot 2) - \Pi_1 \lambda \alpha.(\alpha \cdot 2) - \Pi_0 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \Pi_{(1,1)} - \Pi_{(1,1)})$
-(4,1,0)(3,1,1)(3,1,1)	$\psi(\Pi_1 - (\lambda \alpha \cdot (\alpha \cdot 2) - \Pi_1 -)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \Pi_{(1,2)})$
-(4,1,0)(3,1,1)(4,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1,\omega)})$
-(4,1,0)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\alpha\cdot 2+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \Pi_{(1,1)} - \Pi_{(1,\omega)})$
-(4,1,0)(3,1,1)(4,2,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_1 - \lambda \alpha.(\alpha \cdot 2 + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \Pi_{(1,2)} - \Pi_{(1,\omega)})$
-(4,1,0)(3,1,1)(4,2,0)(4,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_2 - \lambda \alpha.(\alpha \cdot 2 + 1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1,\omega)}-\Pi_{(1,\omega)})$
-(4,1,0)(3,1,1)(4,2,0)(4,2,0)	$\psi((\lambda\alpha.(\alpha\cdot 2+1)-\Pi_0-)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1,\omega+1)})$
-(4,1,0)(3,1,1)(4,2,0)(5,1,1)	$\psi(\lambda \alpha.(\alpha \cdot 2 + 1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,\omega\cdot 2)})$
-(3,1,1)(4,2,0)(5,1,1)(6,2,0)	$\psi(\lambda\alpha.(\alpha\cdot 2+2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,\omega^2)})$
-(3,1,1)(4,2,0)(5,2,0)	$\psi(\lambda\alpha.(\alpha\cdot 2+\omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,\Pi_2)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)	$\psi(\lambda \alpha.(\alpha \cdot 2 + \Pi_2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(2,0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha\cdot3)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_1-\Pi_{(2,0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(2,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 3) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,0)} - \Pi_{(2,0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(2,2,0)-	$\psi(\lambda \alpha.(\alpha \cdot 2) - \Pi_0 - \lambda \alpha.(\alpha \cdot 3) - \Pi_0)$
-(3,2,0)(4,1,0)(2,0,0)	φ (πα.(α 2) 110 πα.(α θ) 110)

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(2,0)} \Pi_{(1,0)} - \Pi_{(2,0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(2,2,0)	$\psi(\Pi_{(2,0)},\Pi_{(1,0)},\Pi_{(2,0)})$ $\psi(\lambda\alpha.(\alpha\cdot3)-\Pi_0$
-(3,2,0)(4,1,0)(3,1,1)(4,2,0)-	
-(5,2,0)(6,1,0)(2,0,0)	$\lambda \alpha.(\alpha \cdot 2) - \Pi_0 - \lambda \alpha.(\alpha \cdot 3) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_1 - \Pi_{(1,1)} - \Pi_{(2,0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_1 - \lambda \alpha.(\alpha \cdot 3) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(2,0)} \; \Pi_{(1,1)} - \Pi_{(2,0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(3,1,1)-	$\psi(\lambda\alpha.(\alpha\cdot3)-\Pi_0$
-(4,2,0)(5,2,0)(6,1,0)(2,0,0)	$\lambda \alpha.(\alpha \cdot 2) - \Pi_1 - \lambda \alpha.(\alpha \cdot 3) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_1 - \Pi_{(1,2)} - \Pi_{(2,0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(4,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_2 - \lambda \alpha.(\alpha \cdot 3) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,\omega)} - \Pi_{(2,0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(4,2,0)	$\psi(\lambda\alpha.(\alpha\cdot 2+1)-\Pi_0-\lambda\alpha.(\alpha\cdot 3)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(2.0)}-\Pi_{(2.0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)-	$\psi((\lambda\alpha.(\alpha\cdot3)-\Pi_0-)^2)$
-(4,2,0)(5,2,0)(6,1,0)(2,0,0)	, ((, , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_1-\Pi_{(2,1)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(5,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 3) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{(3,0)})$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(5,1,1)	$\psi(\lambda \alpha.(\alpha\cdot 4) - \Pi_0)$
-(6,2,0)(7,2,0)(8,1,0)(2,0,0)	$\psi(\Pi_{(\omega,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0) - (4,1,0)(3,2,0)	
	$\psi(\lambda \alpha. \psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{(1,0)} - \Pi_{(\omega,0)})$
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 - \lambda\alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{(2,0)} \; \Pi_{(1,0)} - \Pi_{(\omega,0)})$
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)	$\psi(\lambda\alpha.(\alpha\cdot3)-\Pi_0$
-(4,2,0)(5,2,0)(6,1,0)(2,0,0)	$\lambda \alpha.(\alpha \cdot 2) - \Pi_0 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{(3,0)} \; \Pi_{(1,0)} - \Pi_{(\omega,0)})$
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)	$\psi(\lambda\alpha.(\alpha\cdot 4) - \Pi_0$
-(4,2,0)(5,2,0)(6,1,0)(5,1,1)(6,2,0)	$\lambda \alpha.(\alpha \cdot 2) - \Pi_0 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0$
-(7,2,0)(8,1,0)(2,0,0)	$\psi(\Pi_{(\omega,0)} \Pi_{(1,0)}-\Pi_{(\omega,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	(((() -) () -)
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)-	$\psi(\lambda \alpha. \psi_{\Omega_{\alpha+1}}(1)$
-(4,2,0)(5,2,0)(6,1,0)(5,2,0)	$-\Pi_0 \lambda \alpha.(\alpha \cdot 2) - \Pi_0 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_1 - \Pi_{(1,1)} - \Pi_{(\omega,0)})$
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_1 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
-(4,2,0)(5,2,0)(6,1,0)(5,2,0)(3,1,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,\omega)} - \Pi_{(\omega,0)})$
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)-	
-(4,2,0)(5,2,0)(6,1,0)(5,2,0)(4,2,0)	$\psi(\lambda\alpha.(\alpha\cdot 2+1)-\Pi_0-\lambda\alpha.\psi_{\Omega_{\alpha+1}}(1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)-	$\psi(\Pi_1 - \Pi_{(1,\omega+1)} - \Pi_{(\omega,0)})$
-(4,2,0)(5,2,0)(6,1,0)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha \cdot 2 + 1) - \Pi_1 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
-(5,2,0)(4,2,0)(5,1,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)-	$\psi(\Pi_{(1,\omega^2)} - \Pi_{(\omega,0)})$
-(4,2,0)(5,2,0)(6,1,0)-	$\psi(\lambda\alpha.(\alpha\cdot 2+\omega)-\Pi_1-\lambda\alpha.\psi_{\Omega_{\alpha+1}}(1)-\Pi_0)$
-(5,2,0)(4,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)-	$\psi(\Pi_{(3,0)} \; \Pi_{(2,0)} - \Pi_{(\omega,0)})$
-(4,2,0)(5,2,0)(6,1,0)(5,2,0)(4,2,0)	$\psi(\lambda\alpha.(\alpha\cdot4)-\Pi_0$
-(5,2,0)(6,1,0)(5,1,1)(6,2,0)-	$\lambda \alpha.(\alpha \cdot 3) - \Pi_0 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
-(7,2,0)(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)-	$\psi(\Pi_{(\omega,0)} \; \Pi_{(2,0)} - \Pi_{(\omega,0)})$
-(4,2,0)(5,2,0)(6,1,0)(5,2,0)(4,2,0)	$\psi(\lambda\alpha.\psi_{\Omega_{\alpha+1}}(1)$
-(5,2,0)(6,1,0)(5,1,1)(6,2,0)-	$-\Pi_0 \lambda \alpha.(\alpha \cdot 3) - \Pi_0 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
-(7,2,0)(8,1,0)(7,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)-	$\psi(\Pi_{(2,\omega)}-\Pi_{(\omega,0)})$
-(4,2,0)(5,2,0)(6,1,0)(5,2,0)(4,2,0)-	$\psi(\lambda \alpha.(\alpha \cdot 3 + 1) - \Pi_0 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
-(5,2,0)(6,1,0)(5,1,1)(6,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot 3+1)-\Pi_0-\lambda\alpha.\psi_{\Omega_{\alpha+1}}(1)-\Pi_0)$
-(7,2,0)(8,1,0)(7,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,1,1)-	
-(4,2,0)(5,2,0)(6,1,0)(5,2,0)(4,2,0)	$\psi(\Pi_{(3,0)} - \Pi_{(\omega,0)})$
-(5,2,0)(6,1,0)(5,1,1)(6,2,0)(7,2,0)-	$\psi(\lambda\alpha.(\alpha\cdot 4) - \Pi_0 - \lambda\alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
-(8,1,0)(7,2,0)(6,2,0)(7,2,0)-	
-(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(\omega,0)}-\Pi_{(\omega,0)})$
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,2,0)	$\psi(\lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(\omega,0)} - \Pi_{(\omega,0)} - \Pi_{(\omega,0)})$
-(3,2,0)(2,2,0)(3,2,0)(4,1,0)(3,2,0)-	
-(2,2,0)(3,2,0)(4,1,0)(3,2,0)	$\psi((\lambda\alpha.\psi_{\Omega_{\alpha+1}}(1)-\Pi_0-)^3)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_1 - \Pi_{(\omega,1)})$
-(3,2,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha. \psi_{\Omega_{\alpha+1}}(1) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(\omega,\omega)})$
-(3,2,0)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(1)+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(\omega+2.0)})$
-(3,2,0)(3,1,1)(4,2,0)(5,2,0)(6,1,0)-	. (. , , ,
-(5,1,1)(6,2,0)(7,2,0)(8,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(1)+\alpha\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(\omega \cdot 2.0)})$
-(3,2,0)(3,1,1)(4,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(1)\cdot 2) - \Pi_0)$
-(5,2,0)(6,1,0)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(1)\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,2,0)(3,1,1)(4,2,0)(5,2,0)(6,1,0)-	$\psi(\Pi_{(\omega\cdot 3,0)})$
-(5,2,0)(5,1,1)(6,2,0)(7,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(1)\cdot 3)-\Pi_0)$
-(8,1,0)(7,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(\omega^2,0)})$
-(4,1,0)(3,2,0)(3,2,0)	$\psi(\lambda\alpha.\psi_{\Omega_{\alpha+1}}(2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(\omega^3,0)})$
-(4,1,0)(3,2,0)(3,2,0)(3,2,0)	$\psi(\lambda\alpha.\psi_{\Omega_{\alpha+1}}(3) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(\Pi_2,0)})$
-(4,1,0)(3,2,0)(4,1,0)	$\psi(\lambda\alpha.\psi_{\Omega_{\alpha+1}}(\Omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(\Pi_{(\Pi_2,0)},0)})$
-(3,2,0)(4,1,0)(1,1,1)(2,2,0)-	(-2,0)
-(3,2,0)(4,1,0)(3,2,0)(4,1,0)	$\psi(\lambda \alpha. \psi_{\Omega_{\alpha+1}}(\lambda \alpha. \psi_{\Omega_{\alpha+1}}(\Omega) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1,0,0)})$
-(4,1,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.\psi_{\Omega_{\alpha+1}}(\alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1-\Pi_{(1,0,0)})$
-(4,1,0)(3,2,0)(4,1,0)(2,1,1)	$\psi(\Pi_1 - \lambda \alpha. \psi_{\Omega_{\alpha+1}}(\alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_\omega-\Pi_{(1,0,0)})$
-(4,1,0)(3,2,0)(4,1,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.\psi_{\Omega_{\alpha+1}}(\alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,0,0)} - \Pi_{(1,0,0)})$
-(3,2,0)(4,1,0)(2,2,0)(3,2,0)-	()=)=)
-(4,1,0)(3,2,0)(4,1,0)(2,0,0)	$\psi((\lambda\alpha.\psi_{\Omega_{\alpha+1}}(\alpha)-\Pi_0-)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1-\Pi_{(1,0,1)})$
-(4,1,0)(3,2,0)(4,1,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.\psi_{\Omega_{\alpha+1}}(\alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,0,\omega)})$
-(3,2,0)(4,1,0)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\alpha)+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,1,0)})$
-(3,2,0)(4,1,0)(3,1,1)(4,2,0)-	
-(5,2,0)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\alpha)+\alpha)-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(3,2,0)(4,1,0)(3,1,1)(4,2,0)(5,2,0)	$\psi(\Pi_{(1,2,0)})$
-(6,1,0)(5,1,1)(6,2,0)(7,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\alpha) + \alpha \cdot 2) - \Pi_0)$
-(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	ALITA \
-(3,2,0)(4,1,0)(3,1,1)(4,2,0)-	$\psi(\Pi_{(1,\omega,0)})$
-(5,2,0)(6,1,0)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\alpha) + \psi_{\Omega_{\alpha+1}}(1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(2,0,0)})$
-(3,2,0)(4,1,0)(3,1,1)(4,2,0)(5,2,0)-	
-(6,1,0)(5,2,0)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\alpha)\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(\omega,0,0)})$
-(4,1,0)(3,2,0)(4,1,0)(3,2,0)	$\psi(\lambda\alpha.\psi_{\Omega_{\alpha+1}}(\alpha+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1,0,0,0)})$
-(3,2,0)(4,1,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.\psi_{\Omega_{\alpha+1}}(\alpha\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)-	$\psi(\Pi_{(1@\omega)})$
-(3,2,0)(4,1,0)(4,0,0)	$\psi(\lambda \alpha. \psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1@\omega,\omega@0)})$
-(4,1,0)(4,0,0)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1))+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(4,0,0)(3,1,1)(4,2,0)-	$\psi(\Pi_{(1@\omega,1@1)})$
-(5,2,0)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)) + \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(2@\omega)})$
-(4,0,0)(3,1,1)(4,2,0)-	, , , , ,
-(5,2,0)(6,1,0)(6,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1))\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(\omega@\omega)})$
-(4,1,0)(4,0,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)+1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(\omega+1))})$
-(4,0,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)+\alpha))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(\omega+2))})$
-(4,0,0)(3,2,0)(4,1,0)-	
-(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1) + \alpha \cdot 2)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(\omega\cdot 2))})$
-(4,0,0)(3,2,0)(4,1,0)(4,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)\cdot 2))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(\omega\cdot 3))})$
-(4,0,0)(3,2,0)(4,1,0)(4,0,0)-	. (, //.
-(3,2,0)(4,1,0)(4,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)\cdot 3)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1@(\omega^2))})$
-(4,1,0)(4,0,0)(4,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(2))) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1@(\omega^\omega))})$
-(4,1,0)(4,0,0)(5,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\omega))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1@\Omega)})$
-(4,1,0)(4,1,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\Omega))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1@(1,0))})$
-(4,1,0)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(\omega@(1,0))})$
-(4,1,0)(4,1,0)(3,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha)+1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1,1))})$
-(4,1,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha)+\alpha))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1,\omega))})$
-(4,1,0)(3,2,0)(4,1,0)(4,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha) + \psi_{\Omega_{\alpha+1}}(1))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1,\omega^2))})$
-(4,1,0)(3,2,0)(4,1,0)(4,0,0)(4,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha)+\psi_{\Omega_{\alpha+1}}(2)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(2,0))})$
-(4,1,0)(3,2,0)(4,1,0)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha)\cdot 2)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(\omega,0))})$
-(4,1,0)(4,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha+1))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1,0,0))})$
-(4,1,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha\cdot 2)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(\omega@(1,0,0))})$
-(4,1,0)(4,1,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha\cdot 2)+1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1,0,1))})$
-(4,1,0)(4,1,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha \cdot 2) + \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1,1,0))})$
-(4,1,0)(4,1,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha \cdot 2) + \psi_{\Omega_{\alpha+1}}(\alpha))) - \Pi_0)$
-(4,1,0)(4,1,0)(2,0,0)	$\psi(\mathcal{M}_{\alpha+1}(\psi\Omega_{\alpha+1}(\alpha-2)+\psi\Omega_{\alpha+1}(\alpha)))=\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\Pi_{(1@(2,0,0))})$
-(4,1,0)(4,1,0)(3,2,0)(4,1,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha \cdot 2) \cdot 2)) - \Pi_0)$
-(4,1,0)(4,1,0)(2,0,0)	
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0) - \\ -(4,1,0)(4,1,0)(4,0,0) \end{vmatrix} $	$\psi(\Pi_{(1@(\omega,0,0))})$
	$\frac{\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha\cdot 2+1)))-\Pi_0)}{\psi(\Pi_{(1@(1,0,0,0))})}$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0) - \\ -(4,1,0)(4,1,0)(4,1,0)(2,0,0) \end{vmatrix} $	
	$\frac{\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha\cdot3)))-\Pi_0)}{\psi(\Pi_{(1@(\omega.0.0.0))})}$
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0) - \\ -(4,1,0)(4,1,0)(4,1,0)(4,0,0) \end{vmatrix} $	(- (- (- (-) -) -))
-(4,1,0)(4,1,0)(4,1,0)(4,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha\cdot 3+1)))-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1,0,0,0,0))})$
-(4,1,0)(4,1,0)(4,1,0)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha\cdot 4))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\Pi_{(1@(1@\omega))})$
-(4,1,0)(5,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1@(\omega+1)))})$
-(5,0,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)+\alpha)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1@(\omega\cdot 2)))})$
-(5,0,0)(4,1,0)(5,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)\cdot 2))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1@(\omega^2)))})$
-(5,0,0)(5,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(2)))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1.0)))})$
-(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha)))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(2,0)))})$
-(5,1,0)(4,1,0)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha)\cdot 2)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1@(1,0,0)))})$
-(5,1,0)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha\cdot 2))))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1@(1,0,0,0)))})$
-(5,1,0)(5,1,0)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha\cdot 3))))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\Pi_{(1@(1@(1,0))))})$
-(5,1,0)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha))))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_0)$
-(4,1,0)(5,2,0)	$\psi(\lambda\alpha.(\psi\Omega_{\alpha+1}(\Omega_{\alpha+1})) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_1)$
-(4,1,0)(5,2,0)(3,1,1)	$\gamma \leftarrow (\gamma \circ \alpha_{\alpha+1} (\alpha_{+1} \gamma)) = 1$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})+1)-\Pi_0)$
-(5,2,0)(3,1,1)(4,2,0)	
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0) - \\ -(5,2,0)(3,2,0) \end{array} $	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}+1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(5,2,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}+\alpha))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	(1)
-(5,2,0)(3,2,0)(4,1,0)(4,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(1)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$a_{1}(\lambda \alpha_{1} a_{1} \alpha_{2} \alpha_{3} \alpha_{4} \alpha_{5} \alpha_$
-(5,2,0)(3,2,0)(4,1,0)(5,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(1)))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(\alpha)))) - \Pi_0)$
-(5,2,0)(3,2,0)(4,1,0)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}))) - \Pi_0)$
-(5,2,0)(3,2,0)(4,1,0)(5,2,0)	$\alpha = (1 - \alpha + 1) $ $\alpha = (1 - \alpha + 1) $ $\alpha = (1 - \alpha + 1) $

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1} + 1))) - \Pi_0)$
-(4,1,0)(5,2,0)(4,0,0)	$\varphi(\wedge \alpha \cdot (\varphi \Omega_{\alpha+1} (\square \alpha + 1 + \varphi \Omega_{\alpha+1} (\square \alpha + 1 + 1))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1} + \alpha))) - \Pi_0)$
-(5,2,0)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}$
-(5,2,0)(4,1,0)(5,2,0)	$+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}))))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0) -	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}$
-(5,2,0)(5,0,0)	$+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}+1))))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}$
-(5,2,0)(5,1,0)(6,2,0)	$+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})))))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}\cdot 2)) - \Pi_0)$
-(5,2,0)(5,2,0)	$\psi(\mathcal{M}_{\alpha+1}(\mathfrak{SS}_{\alpha+1}(2)))$ $\Pi_{0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+2})) - \Pi_0)$
-(5,2,0)(6,3,0)	$\gamma \left(\frac{1}{2} \frac{1}{2}$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+\omega})) - \Pi_0)$
-(4,1,0)(5,2,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha \cdot 2})) - \Pi_0)$
-(5,2,1)(6,2,1)(7,1,0)(2,0,0)	
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0) - \\ -(5,2,1)(6,2,1)(7,2,0)(6,0,0) \end{vmatrix} $	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(I_{\alpha+1}))-\Pi_0)$
$ \frac{(0,2,1)(0,2,1)(1,2,0)(0,0,0)}{(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-} $	
-(5,2,1)(6,3,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	
-(5,2,1)(6,3,0)(7,3,0)(8,1,0)(2,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'+\alpha)-\Pi_0 \text{ aft } \alpha))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	//) // () // () H () H () H)
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)(6,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'\cdot 2) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+1}}(\Omega_{\alpha'+1})))$
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)(9,3,0)	$-\Pi_0 ext{ aft } lpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\psi_{\Omega_{\alpha'+1}}(\lambda\alpha''.(\alpha''+1)$
-(5,2,1)(6,3,0)(7,3,0)-	$-\Pi_0 \text{ aft } \alpha')) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
-(8,2,0)(9,3,1)(10,4,0)	$-\Pi_0$ art α $)) - \Pi_0$ art α $)) - \Pi_0$ $)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+1}}(\lambda \alpha''.(\psi_{\Omega_{\alpha''+1}}(\Omega_{\alpha''+1})))))$
-(5,2,1)(6,3,0)(7,3,0)(8,2,0)(9,3,1)-	$-\Pi_0 \text{ aft } \alpha')) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
-(10,4,0)(11,4,0)(12,3,0)(13,4,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_1 - \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1)$
-(2,2,0)(3,2,0)(4,1,0)(5,2,0)	(α-1)

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-(2,2,0)(3,2,0)(4,1,1)	$\psi((\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 -)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)- $-(3,1,0)(2,0,0)$	$\psi((\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)- -(3,1,0)(4,2,1)(5,3,0)(6,3,0)(7,1,0)	$\psi(\lambda\alpha.(\alpha+\Omega)-\Pi_0 \text{ aft } \lambda\alpha.(\Omega_{\alpha+1})-\Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\alpha + \Pi_2 \text{ aft } \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2) - \Pi_0$
$ \begin{array}{c c} -(3,1,0)(4,2,1)(5,3,0)(6,3,0)(7,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)- \end{array} $	aft $\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2$
$ \begin{array}{c c} -(3,1,0)(4,2,1)(5,3,0) - \\ -(6,3,0)(7,2,0)(5,0,0) \end{array} $	$\psi(\lambda \alpha.(\alpha \cdot 2) - \Pi_0 \text{ aft } \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)- $-(3,1,0)(4,2,1)(5,3,0)-$ $-(6,3,0)(7,2,0)(8,3,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_0 \text{ aft } \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-(3,1,0)(4,2,1)(5,3,0)(6,3,0)(7,2,1)	$\psi(\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1 \text{ aft } \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1) - \\ -(3,1,0)(4,2,1)(5,3,0)(6,3,0) - \\ -(7,2,1)(6,2,0)(7,3,0) \end{array} $	$\psi(\Pi_2 \text{ aft } 2\text{nd } \lambda\alpha.(\Omega_{\alpha+1}) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)- $-(4,1,1)(3,1,1)$	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0) - (4,1,1)(3,1,1)(3,1,0)(4,2,0)	$\psi(\Pi_2 \text{ aft } (\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2 -)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)- $-(4,1,1)(3,1,1)(3,1,1)$	$\psi(\Pi_1 - (\lambda \alpha . (\Omega_{\alpha+1}) - \Pi_2 -)^2)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)- $-(4,1,1)(3,1,1)(4,1,1)$	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_3)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)- $-(4,1,1)(3,1,1)(4,2,0)$	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0) - (4,1,1)(3,1,1)(4,2,0)(5,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+1} + 1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)- $-(4,1,1)(3,1,1)(4,2,0)(5,1,1)(6,2,0)$	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0) - (4,1,1)(3,1,1)(4,2,0)(5,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)- $-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(2,0,0)$	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha)-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	(I) (O + () H)
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(5,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha\cdot\omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha^2)-\Pi_0)$
-(5,2,0)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha^{\alpha})-\Pi_0)$
-(6,1,0)(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}))-\Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(7,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi\Omega_{\alpha+1}(\Omega_{\alpha+1}))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\alpha'+1)-\Pi_0))-\Pi_0)$
-(6,1,0)(7,2,1)(8,3,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\alpha'+1})-\Pi_1))-\Pi_0)$
-(7,2,1)(8,3,0)(9,3,0)(10,2,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,0)(7,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\alpha'+1}$
-(8,3,0)(9,3,0)(10,2,1)(9,2,1)(10,3,0)	$+\psi_{\Omega_{\alpha'+1}}(\Omega_{\alpha'+1}))-\Pi_0))-\Pi_0)$
-(11,3,0)(12,2,0)(13,3,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 2)-\Pi_0)$
-(4,1,1)(3,1,1)(4,2,0)(5,2,0)(6,1,1)	$\varphi(\operatorname{Act.}(32_{\alpha+1} \cdot 2) - 11_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,1)-	$\psi((\lambda\alpha.(\Omega_{\alpha+1}\cdot 2)-\Pi_0-)^2)$
-(4,2,0)(5,2,0)(6,1,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)-	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\Omega_{\alpha+1} \cdot 2) - \Pi_1)$
-(6,1,1)(5,1,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+1} \cdot 2) - \Pi_1)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,1)(5,1,1)	$\psi(\Pi_1 \mid \lambda \alpha.(32\alpha+1 \mid 2) \mid \Pi_1)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 2+1)-\Pi_0)$
-(6,1,1)(5,1,1)(6,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,1,1)(4,2,0)(5,2,0)(6,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 3)-\Pi_0)$
-(5,1,1)(6,2,0)(7,2,0)(8,1,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\omega)-\Pi_0)$
-(4,1,1)(3,2,0)	$\varphi \left(n\alpha \cdot (uu\alpha + 1 w \right) \Pi 0 \right)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\omega+\Omega_{\alpha+1})-\Pi_0)$
-(3,2,0)(3,1,1)(4,2,0)(5,2,0)(6,1,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,2,0)(3,1,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\omega\cdot2)-\Pi_0)$
-(5,2,0)(6,1,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	. (Д. (Д. (Д.)) П.)
-(4,1,1)(3,2,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(2)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\alpha)) - \Pi_0)$
-(4,1,1)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}))) - \Pi_0)$
-(4,1,1)(3,2,0)(4,1,0)(5,2,0)	$\psi(\lambda\alpha.(\psi\Omega_{\alpha+2}(\psi\Omega_{\alpha+1}(\Omega_{\alpha+1}))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1})) - \Pi_0)$
-(4,1,1)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\psi\Omega_{\alpha+2}(^{1}2\alpha+1))-\Pi_{0})$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}+1)) - \Pi_0)$
-(4,1,1)(3,2,0)(4,1,1)(3,2,0)	$\psi(\wedge \alpha.(\psi \Omega_{\alpha+2}(3\iota_{\alpha+1} + 1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}\cdot 2)) - \Pi_0)$
-(3,2,0)(4,1,1)(3,2,0)(4,1,1)	$\psi(\wedge \omega \cdot (\psi \Omega_{\alpha+2}(\omega \alpha+1 \cdot 2)) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	
-(3,2,0)(4,1,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}\cdot 3))-\Pi_0)$
-(4,1,1)(3,2,0)(4,1,1)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(1))) - \Pi_0)$
-(4,1,1)(4,0,0)	$\psi(\mathcal{M}.(\psi\Omega_{\alpha+2}(\psi\Omega_{\alpha+2}(1))))$ $\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(1)+1)) - \Pi_0)$
-(4,1,1)(4,0,0)(3,2,0)	$\varphi(\mathcal{M}_{\alpha+2}(\varphi\Omega_{\alpha+2}(1)+1))=\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(1)\cdot 2)) - \Pi_0)$
-(4,0,0)(3,2,0)(4,1,1)(4,0,0)	$\psi(n\alpha,(\psi n_{\alpha+2}(\psi n_{\alpha+2}(1)/2)))$ $n_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(2))) - \Pi_0)$
-(4,1,1)(4,0,0)(4,0,0)	$\varphi\left(\text{Not}(\varphi\Omega_{\alpha+2}(\varphi\Omega_{\alpha+2}(\neg)))\right) = 20)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega))) - \Pi_0)$
-(4,1,1)(4,1,0)	$\varphi\left(Rer(\varphi\Omega_{\alpha+2}(\varphi\Omega_{\alpha+2}(L\mathcal{I})))\right)=L(0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\alpha))) - \Pi_0)$
-(4,1,1)(4,1,0)(2,0,0)	$\varphi \left(\operatorname{Nat} \left(\varphi \Omega_{\alpha+2} \left(\varphi \Omega_{\alpha+2} \left(\alpha \right) \right) \right) \right)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}))) - \Pi_0)$
-(4,1,1)(4,1,1)	$\varphi \left(\bigcap_{\alpha \in \mathbb{N}} (\varphi \mathfrak{U}_{\alpha+2} (\varphi \mathfrak{U}_{\alpha+2} (\varphi \mathfrak{U}_{\alpha+1}))) \right)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1})\cdot 2)) - \Pi_0)$
-(4,1,1)(3,2,0)(4,1,1)(4,1,1)	$\gamma \left(\frac{1}{1} \frac{1}{1}$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}+1)))-\Pi_0)$
-(4,1,1)(4,1,1)(4,0,0)	$\gamma \left(\gamma \omega_{\alpha+2} \left(\gamma \omega_{\alpha+2} \left(\gamma \omega_{\alpha+2} \left(\gamma \omega_{\alpha+1} + 1 \right) \right) \right) \right)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}\cdot 2))) - \Pi_0)$
-(4,1,1)(4,1,1)(4,1,1)	$\gamma \left(\cos \left(\gamma \omega_{\alpha+2} \left(\gamma \omega_{\alpha+2} \left(-\omega_{\alpha+1} - \omega_{\beta} \right) \right) \right) \right)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(1)))) - \Pi_0)$
-(4,1,1)(5,0,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,1,0)(6,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}))))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1})))) - \Pi_0)$
-(4,1,1)(5,1,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\iota\iota_{\alpha+1})))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}))))) - \Pi_0)$
-(4,1,1)(5,1,1)(6,1,1)	$\varphi(\wedge \alpha \cdot (\varphi i \iota_{\alpha+2}(\varphi i \iota_{$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})) - \Pi_0)$
-(4,1,1)(5,2,0)	$f(\cdots (f32\alpha+2(\alpha+2)))$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+1))-\Pi_0)$
-(4,1,1)(5,2,0)(3,2,0)	(((((((((((((((((((
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))) - \Pi_0)$
-(4,1,1)(5,2,0)(3,2,0)(4,1,1)(5,2,0)	, ((
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2} + 1))) - \Pi_0)$
-(4,1,1)(5,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2} + \Omega_{\alpha+1}))) - \Pi_0)$
-(4,1,1)(5,2,0)(4,1,1)	(A) - (A) - (O)
(0,0,0)(1,1,1)(2,2,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}$
-(4,1,1)(5,2,0)(4,1,1)(5,0,0)	$+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(1)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}$
-(4,1,1)(5,2,0)(4,1,1)(5,1,1)	$+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}))))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})$
-(4,1,1)(5,2,0)(4,1,1)(5,2,0)	$+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})))$
-(5,2,0)(4,1,1)(5,2,0)(4,1,1)(5,2,0)	$+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})\cdot 2)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}$
-(4,1,1)(5,2,0)(5,0,0)	$+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+1))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}$
-(4,1,1)(5,2,0)(5,1,1)	$+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+\Omega_{\alpha+1})))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}$
-(4,1,1)(5,2,0)(5,1,1)(6,2,0)	$+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,0)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}\cdot 2)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,0)(6,1,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+1}))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,0)(6,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2}))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+1})))) - \Pi_0)$
-(4,1,1)(5,2,0)(6,2,0)(7,1,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,2,0) - (4,1,1)(5,2,0)(6,2,0)(7,1,1)(8,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)-(5,2,0)(6,2,0)(7,1,1)(8,2,0)(9,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}} (\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2})))))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)- $-(5,2,0)(6,2,0)(7,1,1)-$ $-(8,2,0)(9,2,0)(10,1,1)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}(\psi_{\Omega+3}(\psi_$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2})))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0) - (4,2,0)(4,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2}\cdot 2)))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)- $-(4,2,0)(5,1,1)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+1}))))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)- $-(4,2,0)(5,2,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2}))))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,2,0)- $-(4,2,0)(5,2,0)(6,2,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}))))) - \Pi_0)$ $(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2})))))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+3})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,0)(4,4,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+4})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+\omega})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)(4,3,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+\omega^2})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,3,1)(5,3,1)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Pi_1 - \Pi_2 \Pi_1 - \Pi_2 \operatorname{aft} \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,3,1)(5,3,1)(6,3,1)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Pi_1 - \Pi_3 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)(4,4,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1) - (4,4,0)(5,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}((\lambda \alpha'.(\alpha'+1) - \Pi_0 -)^{\omega} \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,1,0)(2,0,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}((\lambda \alpha'.(\alpha'+1) - \Pi_0 -)^{\alpha} \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,1,1)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}((\lambda \alpha'.(\alpha'+1) - \Pi_0 -)^{\Omega_{\alpha+1}} \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,2,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}((\lambda \alpha'.(\alpha'+1) - \Pi_0 -)^{\Omega_{\alpha+2}} \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,3,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}((\lambda \alpha'.(\alpha'+1) - \Pi_0 -)^{\Omega_{\alpha+3}} \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,3,0)(6,4,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Pi_2 \text{ aft } \lambda \alpha'.(\alpha'+1) - \Pi_1 \text{ aft } \alpha)) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,3,1)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Pi_1 - \lambda \alpha'.(\alpha'+1) - \Pi_1 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,3,1)(6,4,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'+2) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,4,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'+\omega)-\Pi_0 \text{ aft } \alpha))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,4,0)(6,3,0)(4,0,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'\cdot 2) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,4,0)(6,3,1)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\Omega_{\alpha'+1}) - \Pi_1 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,4,0)(6,3,1)(7,4,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\Omega_{\alpha'+2})) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)- $-(4,4,0)(5,5,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\Omega_{\alpha'+3})) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,0)(3,3,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\lambda \alpha''.(\alpha''+1)$
-(4,4,0)(5,5,1)(6,6,0)	$-\Pi_0 \text{ aft } \alpha')) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\alpha + 1) - \Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,2,0)(4,1,0)(5,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,0)(6,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})))))$
-(3,2,0)(4,1,1)(5,2,0)(6,2,0)(7,2,0)	$-\Pi_0 - \lambda \alpha. (\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)(4,1,1)(5,2,0)(6,3,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+3})) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,0)(6,3,1)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+\omega})) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\alpha'+1)$
-(3,2,0)(4,1,1)(5,2,0)(6,3,1)(7,4,0)	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\alpha'+\Omega_{\alpha+1})$
-(3,2,0)(4,1,1)(5,2,0)(6,3,1)-	
-(7,4,0)(8,4,0)(9,1,1)	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha. (\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\alpha'+\Omega_{\alpha+2})$
-(4,1,1)(5,2,0)(6,3,1)-	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
-(7,4,0)(8,4,0)(9,2,0)	$-\Pi_0$ art α)) $-\Pi_0 - \lambda \alpha \cdot (\Omega_{\alpha+2}) - \Pi_1$)
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha' + \Omega_{\alpha+3}) - \Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
-(4,1,1)(5,2,0)(6,3,1)-	
-(7,4,0)(8,4,0)(9,3,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\alpha'\cdot 2)$
-(4,1,1)(5,2,0)(6,3,1)(7,4,0)-	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha. (\Omega_{\alpha+2}) - \Pi_1)$
-(8,4,0)(9,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\Omega_{\alpha'+1})$
-(4,1,1)(5,2,0)(6,3,1)	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
-(7,4,0)(8,4,0)(9,3,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\Omega_{\alpha'+2})))$ $-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
-(4,1,1)(5,2,0)(6,3,1)(7,4,0)-	
$\frac{-(8,4,0)(9,3,1)(10,4,0)}{(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)}$	
-(4,1,1)(5,2,0)(6,3,1)(7,4,0)(8,4,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\psi_{\Omega_{\alpha'+3}}(\Omega_{\alpha'+2}))))$ $-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
-(9,3,1)(10,4,0)(11,4,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,0)(6,3,1)(7,4,0)(8,4,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\psi_{\Omega_{\alpha'+3}}(\psi_{\Omega_{\alpha'+3}}(\Omega_{\alpha'+1})))))$
-(9,3,1)(10,4,0)(11,4,0)(12,3,1)	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\psi_{\Omega_{\alpha'+3}}(\psi_{\Omega_{\alpha'+3}}(\Omega_{\alpha'+2})))))$ $-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
-(4,1,1)(5,2,0)(6,3,1)-	
-(7,4,0)(8,4,0)(9,4,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\psi_{\Omega_{\alpha'+2}}(\Omega_{\alpha'+3})))$
-(4,1,1)(5,2,0)(6,3,1)(7,4,0)(8,5,0)	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\psi_{\Omega_{\alpha'+2}}(\Omega_{\alpha'+\omega})))$
-(4,1,1)(5,2,0)(6,3,1)(7,4,0)(8,5,1)	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\lambda \alpha''.(\alpha''+1) - \Pi_0 \text{ aft } \alpha')))$
-(4,1,1)(5,2,0)(6,3,1)-	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
-(7,4,0)(8,5,1)(9,6,0)	,,, , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\Omega_{\alpha'+2})$
-(4,1,1)(5,2,0)(6,3,1)(7,4,1)	$-\Pi_1 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'+1) - \Pi_0 - \lambda \alpha'.(\Omega_{\alpha'+2}))$
-(4,1,1)(5,2,0)(6,3,1)(7,4,1)(7,4,0)	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,0)(6,3,1)(7,4,1)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\Omega_{\alpha'+1}) - \Pi_1 - \lambda \alpha'.(\Omega_{\alpha'+2}))$
-(7,4,0)(8,4,0)(9,3,1)	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha. (\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\Omega_{\alpha'+2})) - \Pi_0 - \lambda \alpha'.(\Omega_{\alpha'+2}))$
-(4,1,1)(5,2,0)(6,3,1)(7,4,1)(7,4,0)	α +2
-(8,4,0)(9,3,1)(10,4,0)	$-\Pi_0 \text{ aft } \alpha)) - \Pi_0 - \lambda \alpha. (\Omega_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1-)^2)$
-(3,2,0)(4,1,1)(5,2,1)	$\psi((\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1-))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(2,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 -)^3)$
-(3,2,0)(4,1,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_2)$
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)	$\varphi(\Pi_1 \mid \mathcal{A}\alpha.(32\alpha+2) \mid \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+1)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)(4,2,0)	$\varphi(n\alpha.(32\alpha+2+1)-110)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\Omega_{\alpha+1})-\Pi_0)$
-(4,2,0)(5,2,0)(6,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))-\Pi_0)$
-(5,2,0)(6,1,1)(7,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2}))) - \Pi_0)$
-(5,2,0)(6,1,1)(7,2,0)(8,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)(5,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+1})))) - \Pi_0)$
-(6,1,1)(7,2,0)(8,2,0)(9,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2})))) - \Pi_0)$
-(4,2,0)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+3})) - \Pi_0)$
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)(5,3,0)	, , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	
-(4,1,1)(5,2,1)(3,1,1)-	$\psi(\lambda \alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
-(4,2,0)(5,3,1)(6,4,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	(0.40)
-(4,1,1)(5,2,1)(3,1,1)	$\psi(\lambda \alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\Omega_{\alpha'+1}) - \Pi_1 \text{ aft } \alpha)) - \Pi_0)$
-(4,2,0)(5,3,1)(6,4,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)(5,3,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}$
-(6,4,1)(6,4,0)(7,4,0)-	$+\psi_{\Omega_{\alpha+2}}(\Pi_1 - \lambda \alpha'.(\Omega_{\alpha'+2}) - \Pi_2 \text{ aft } \alpha)) - \Pi_0)$
-(8,3,1)(9,4,1)(7,3,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,0)(5,3,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\Omega_{\alpha'+2} + \psi_{\Omega_{\alpha'+2}}(\Omega_{\alpha'+3})))$
-(6,4,1)(6,4,0)(7,4,0)(8,3,1)(9,4,1)-	$-\Pi_0 ext{ aft } \alpha)) - \Pi_0)$
-(7,3,1)(8,4,0)(9,5,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 2)-\Pi_0)$
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot Z)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0)$
-(2,2,0)(3,2,0)(4,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0)$
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_2 \lambda \alpha.(\Omega_{\alpha+2})$
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(2,2,0)-	$-\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)	$-\Pi_1 - \lambda \alpha \cdot (\Omega_{\alpha+2} \cdot Z) - \Pi_0$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 2) - \Pi_0 \lambda\alpha.(\Omega_{\alpha+2})$
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(2,2,0)-	$-\Pi_1 - \lambda \alpha. (\Omega_{\alpha+2} \cdot 2) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(3,1,1)(4,2,1)	$-\Pi_1 - \lambda \alpha \cdot (\Omega_{\alpha+2} \cdot Z) - \Pi_0$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_2 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0)$
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(3,1,1)	$\varphi(\Pi_1 \cap \alpha.(\Pi_{\alpha+2}) \cap \Pi_2 \cap \alpha.(\Pi_{\alpha+2} \cap 2) \cap \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+1)-\Pi_0 \lambda\alpha.(\Omega_{\alpha+2})$
-(4,1,1)(5,2,1)(3,1,1)-	$-\Pi_2 - \lambda \alpha. (\Omega_{\alpha+2} \cdot 2) - \Pi_0)$
-(4,2,1)(3,1,1)(4,2,0)	$-11_2 = \lambda \alpha.(11_{\alpha+2} \cdot 2) - 11_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 2) - \Pi_0 \lambda\alpha.(\Omega_{\alpha+2})$
-(4,1,1)(5,2,1)(3,1,1)-	$-\Pi_2 - \lambda \alpha. (\Omega_{\alpha+2} \cdot 2) - \Pi_0)$
-(4,2,1)(3,1,1)(4,2,1)	$-11_2 = \lambda \alpha.(11_{\alpha+2} \cdot 2) - 11_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_3 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0)$
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,1,1)	, (1 ·····(α+2) ···· (α+2) ···· (α+2) ···· (α+2)
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+2}+1) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}\cdot 2) - \Pi_0)$
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)	$\varphi(\alpha,\alpha,\beta,\alpha+2+1)$ 110 $(\alpha,\alpha+2+2)$ 110
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\omega)-\Pi_0-\lambda\alpha.(\Omega_{\alpha+2}\cdot 2)-\Pi_0)$
-(4,2,1)(4,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\Omega_{\alpha+1})-\Pi_0-\lambda\alpha.(\Omega_{\alpha+2}\cdot 2)-\Pi_0)$
-(4,2,0)(5,2,0)(6,1,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2}\cdot 2)-\Pi_0-)^2)$
-(4,2,0)(5,2,0)(6,1,1)(7,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_1)$
-(4,2,0)(5,2,0)(6,1,1)(7,2,1)(5,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\lambda \alpha.(\Omega_{\alpha+2}\cdot 2+1)-\Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 3)-\Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 2+1) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}\cdot 3) - \Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot Z+1)-\Pi_0-\lambda\alpha.(\Omega_{\alpha+2}\cdot S)-\Pi_0)$
-(5,1,1)(6,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 2+\Omega_{\alpha+1})-\Pi_0-\lambda\alpha.(\Omega_{\alpha+2}\cdot 3)-\Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)-	$\psi(\wedge\alpha.(\mathfrak{U}_{\alpha+2}\cdot 2+\mathfrak{U}_{\alpha+1})-\mathfrak{I}\mathfrak{l}_0-\lambda\alpha.(\mathfrak{U}_{\alpha+2}\cdot 3)-\mathfrak{I}\mathfrak{l}_0)$
-(6,2,0)(7,2,0)(8,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2}\cdot 3)-\Pi_0-)^2)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)-	$\psi((\lambda \alpha.(32\alpha+2\cdot 9)-110))$
-(6,2,0)(7,2,0)(8,1,1)(9,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 3) - \Pi_1)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)-	$\varphi(\Pi_1 \mid \lambda \alpha . (\Im \alpha + 2 \mid 0) \mid \Pi_1)$
-(6,2,0)(7,2,0)(8,1,1)(9,2,1)(7,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 4) - \Pi_0)$
-(6,2,0)(7,2,0)(8,1,1)-	
-(9,2,1)(7,1,1)(8,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)-	$\psi(\lambdalpha.(\Omega_{lpha+2}\cdot\omega)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(3,2,0)	$\varphi(\wedge \omega, (\omega_{\alpha+2} \omega))$ Π_{0}
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
-(2,2,0)(3,2,0)(4,1,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)- $-(4,1,1)(5,2,1)(3,2,0)(2,2,0)-$ $-(3,2,0)(4,1,1)(5,2,1)$	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(3,2,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_2 \lambda \alpha.(\Omega_{\alpha+2})$ $-\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(3,1,1)(4,2,1)	$\psi(\lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0 \ \lambda \alpha.(\Omega_{\alpha+2})$ $-\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(3,1,1)(4,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(3,1,1)(4,2,1)	$\psi(\lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0 \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2)$ $-\Pi_0 \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)- $-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-$ $-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(3,1,1)$	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_2 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2)$ $-\Pi_0 \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(3,1,1) - (4,2,1)(3,1,1)(4,2,1)	$\psi(\lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0 \lambda \alpha.(\Omega_{\alpha+2})$ $-\Pi_2 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0 \lambda \alpha.(\Omega_{\alpha+2})$ $-\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)- $-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-$ $-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,1,1)$	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_3 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0$ $\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)	$\psi(\lambda \alpha.(\Omega_{\alpha+2}+1) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0$ $\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)- $-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-$ $-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-$ $-(5,2,0)(6,1,1)(7,2,1)$	$\psi((\lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_0 -)^2 \lambda \alpha.(\Omega_{\alpha+2})$ $-\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)- $-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-$ $-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-$ $-(5,2,0)(6,1,1)(7,2,1)(5,1,1)$	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot 2) - \Pi_1 \lambda \alpha.(\Omega_{\alpha+2})$ $-\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)- $-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-$ $-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-$ $-(5,2,0)(6,1,1)(7,2,1)(5,2,0)$	$\psi(\lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_1 \lambda \alpha.(\Omega_{\alpha+2})$ $-\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)	//H) (O) H) (O) H)
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_2 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,2,0)(3,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)	//H) (O) H) (O) H)
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_3 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,2,0)(4,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)	(() (O +1) H) (O) H)
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+1)-\Pi_0-\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega)-\Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 2) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}\cdot \omega) - \Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,2,0)(4,2,0)	
-(5,2,0)(6,1,1)(7,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 3) - \Pi_0 \lambda\alpha.(\Omega_{\alpha+2}\cdot 2)$
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	
-(5,2,0)(6,1,1)(7,2,1)(5,2,0)(4,2,0)-	$-\Pi_0 - \lambda \alpha . (\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega)-\Pi_0\ \lambda\alpha.(\Omega_{\alpha+2}\cdot2)$
-(5,2,0)(6,1,1)(7,2,1)(5,2,0)(4,2,0)-	$-\Pi_0 - \lambda \alpha . (\Omega_{\alpha+2} \cdot \omega) - \Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)-	
-(6,2,0)(7,2,0)(8,1,1)(9,2,1)(7,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)-	
-(5,2,0)(6,1,1)(7,2,1)(5,2,0)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 2+1)-\Pi_0-\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega)-\Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)-	
-(6,2,0)(7,2,0)(8,1,1)(9,2,1)-	
-(7,2,0)(6,2,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)	
-(4,1,1)(5,2,1)(3,1,1)(4,2,1)(4,2,0)	
-(5,2,0)(6,1,1)(7,2,1)(5,2,0)(4,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 3) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}\cdot \omega) - \Pi_0)$
-(5,2,0)(6,1,1)(7,2,1)(5,1,1)(6,2,1)-	
-(6,2,0)(7,2,0)(8,1,1)(9,2,1)(7,2,0)-	
-(6,2,0)(7,2,0)(8,1,1)(9,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega)-\Pi_0-)^2)$
-(3,2,0)(4,1,1)(5,2,1)(3,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega)-\Pi_0-)^3)$
-(4,1,1)(5,2,1)(3,2,0)(2,2,0)(3,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega)-\Pi_0-))$
-(4,1,1)(5,2,1)(3,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega) - \Pi_1)$
-(4,1,1)(5,2,1)(3,2,0)(3,1,1)	$\psi(\Pi_1 - \lambda \alpha.(2\iota_{\alpha+2} \cdot \omega) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega+1)-\Pi_0)$
-(4,1,1)(5,2,1)(3,2,0)(3,1,1)(4,2,0)	$\psi(\wedge \alpha.(2\iota_{\alpha+2}\cdot\omega+1)-11_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega+\Omega_{\alpha+2})-\Pi_0)$
-(4,1,1)(5,2,1)(3,2,0)(3,1,1)(4,2,1)	$\psi(\wedge\alpha.(\mathfrak{L}_{\alpha+2}\cdot\omega+\mathfrak{L}_{\alpha+2})-\mathfrak{I}\mathfrak{l}_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(3,1,1)(4,2,1)-	$\psi((\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega+\Omega_{\alpha+2})-\Pi_0-)^2)$
-(4,2,0)(5,2,0)(6,1,1)(7,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) -	
-(4,1,1)(5,2,1)(3,2,0)(3,1,1)(4,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega+\Omega_{\alpha+2}\cdot2)-\Pi_0)$
-(4,2,0)(5,2,0)(6,1,1)(7,2,1)-	$\psi(\wedge \alpha.(3z_{\alpha+2} \cdot \omega + 3z_{\alpha+2} \cdot 2) - 11_0)$
-(5,1,1)(6,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) -	
-(4,1,1)(5,2,1)(3,2,0)(3,1,1)(4,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega\cdot2)-\Pi_0)$
-(4,2,0)(5,2,0)(6,1,1)(7,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(3,1,1)(4,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\Omega_{\alpha+2} \cdot \omega \cdot 2) - \Pi_1)$
-(4,2,0)(5,2,0)(6,1,1)(7,2,1)-	$\psi(\Pi_1 \wedge \alpha.(22\alpha+2 \cdot w \cdot 2) = \Pi_1)$
-(5,2,0)(5,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) -	
-(4,1,1)(5,2,1)(3,2,0)(3,1,1)(4,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega\cdot2+\Omega_{\alpha+2})-\Pi_0)$
-(4,2,0)(5,2,0)(6,1,1)(7,2,1)-	$\varphi(\wedge \omega \cdot (2 \iota_{\alpha+2} \cdot \omega \cdot 2 + 2 \iota_{\alpha+2}) = \Pi_0)$
-(5,2,0)(5,1,1)(6,2,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(3,1,1)(4,2,1)-	
-(4,2,0)(5,2,0)(6,1,1)(7,2,1)(5,2,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega\cdot3)-\Pi_0)$
-(5,1,1)(6,2,1)(6,2,0)(7,2,0)-	
-(8,1,1)(9,2,1)(7,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	-l-() - (-l- (2)) H)
-(4,1,1)(5,2,1)(3,2,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(2)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})\cdot 2)) - \Pi_0)$
-(5,2,0)(3,2,0)(4,1,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+\Omega_{\alpha+1})))-\Pi_0)$
-(4,1,1)(5,2,0)(4,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))))-\Pi_0)$
-(5,2,0)(4,1,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}\cdot 2))) - \Pi_0)$
-(4,1,1)(5,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1})))) - \Pi_0)$
-(4,1,1)(5,2,0)(6,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))) - \Pi_0)$
-(4,1,1)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+3}))) - \Pi_0)$
-(4,1,1)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \alpha))) - \Pi_0)$
-(5,2,0)(6,3,1)(7,4,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2})) - \Pi_0)$
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)(5,2,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(3\iota_{\alpha+2}))-11_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})))-\Pi_0)$
-(5,2,1)(3,2,0)(4,1,1)(5,2,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2}\cdot 2))-\Pi_0)$
-(5,2,1)(3,2,0)(4,1,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+1}))) - \Pi_0)$
-(4,1,1)(5,2,1)(4,1,1)	$\psi(\mathcal{M}_{\alpha+3}(\psi\Omega_{\alpha+3}(\mathfrak{L}_{\alpha+3}(\mathfrak{L}_{\alpha+1}))))$ 110)
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2}))) - \Pi_0)$
-(4,1,1)(5,2,1)(4,1,1)(5,2,1)	$\psi \left(\mathcal{M}_{\alpha+3} \left(\psi \mathcal{M}_{\alpha+3} \left(\mathcal{G}^{\alpha} + 2 \right) \right) \right)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,1)(4,1,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2}\cdot 2)))-\Pi_0)$
-(5,2,1)(4,1,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) -	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+1})))) - \Pi_0)$
-(4,1,1)(5,2,1)(5,1,1)	γ (**** (γ εεα+3 (γ εεα+3 (α γ 1))))
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+2})))) - \Pi_0)$
-(4,1,1)(5,2,1)(5,1,1)(6,2,1)	$(732\alpha+3)(732\alpha+3)(732\alpha+3)(-42)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) -	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3})) - \Pi_0)$
-(4,1,1)(5,2,1)(5,2,0)	7 (
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) -	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}+1))-\Pi_0)$
-(4,1,1)(5,2,1)(5,2,0)(3,2,0)	7 ((7 32 4 + 3 (- 4 + 3
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0) -	
-(4,1,1)(5,2,1)(5,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}+\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3})))-\Pi_0)$
-(4,1,1)(5,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}$
-(4,1,1)(5,2,1)(5,2,0)-	$+\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}+\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}))))-\Pi_0)$
-(4,1,1)(5,2,1)(5,2,0)	$+722\alpha+3(-4\alpha+3)+722\alpha+3(-4\alpha+3))))$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}+\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}$
-(4,1,1)(5,2,1)(5,2,0)-	$+\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}+\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}))))-\Pi_0)$
-(5,1,1)(6,2,1)(6,2,0)	- / ευα+3 (α υ · / ευα+3 (α υ///// υ/
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}\cdot 2))-\Pi_0)$
-(4,1,1)(5,2,1)(5,2,0)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha+3}))) - \Pi_0)$
-(4,1,1)(5,2,1)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	(). (.). (.). (0. \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
-(4,1,1)(5,2,1)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha+2})))) - \Pi_0)$
-(6,2,0)(7,1,1)(8,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	
-(4,1,1)(5,2,1)(5,2,0)(6,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}))))) - \Pi_0)$
-(7,1,1)(8,2,1)(8,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)	$\psi(\lambda lpha.(\psi_{\Omega_{lpha+3}}(\psi_{\Omega_{lpha+4}}(\psi_{\Omega_{lpha+4}}$
-(4,1,1)(5,2,1)(5,2,0)(6,2,0)(7,1,1)	$(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha+2}))))))-\Pi_0)$
-(8,2,1)(8,2,0)(9,2,0)(10,1,1)(11,2,1)	(

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,2,0)(4,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha+3})))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,2,0)(4,2,0)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha+3}))))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,3,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+4})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,3,1)(4,4,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,3,1)(4,4,1)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\lambda \alpha'.(\Omega_{\alpha'+2}) - \Pi_1 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0) - (3,3,1)(4,4,1)(4,4,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+3}}(\Omega_{\alpha'+4})) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,3,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\lambda\alpha'.(\psi_{\Omega_{\alpha'+3}}(\lambda\alpha''.(\Omega_{\alpha''+2})$
-(4,4,1)(4,4,0)(5,5,1)(6,6,1)	$-\Pi_1 \text{ aft } \alpha')) - \Pi_1 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+3}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)-	(() (0) H) (0) H)
-(2,2,0)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+3}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+3}) - \Pi_1)$
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)	$\varphi(\lambda\alpha.(3\iota_{\alpha+2})-\Pi_1-\lambda\alpha.(3\iota_{\alpha+3})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+3})-\Pi_1-)^2)$
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)	$\psi((\lambda \alpha, (32\alpha+3) - 111 - 1))$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+3}+1)-\Pi_0)$
-(5,2,1)(3,1,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+3}+\Omega_{\alpha+1})-\Pi_0)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+3}+\Omega_{\alpha+2})-\Pi_0)$
-(5,2,1)(3,1,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+3}\cdot 2)-\Pi_0)$
-(3,1,1)(4,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)(3,1,1)-	///) //2 2) # 12)
-(4,2,1)(4,2,1)(4,2,0)(5,2,0)-	$\psi((\lambda\alpha.(\Omega_{\alpha+3}\cdot 2) - \Pi_0 -)^2)$
-(6,1,1)(7,2,1)(7,2,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	(() (0 a) H)
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)(3,1,1)	
-(4,2,1)(4,2,1)(4,2,0)(5,2,0)(6,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+3}\cdot 3)-\Pi_0)$
-(7,2,1)(7,2,1)(5,1,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+3}\cdot\omega)-\Pi_0)$
-(5,2,1)(5,2,1)(3,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,1)(5,2,1)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha_3})) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha_3}))) - \Pi_0)$
-(4,1,1)(5,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha_3})))) - \Pi_0)$
-(5,1,1)(6,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	(/) (// (O)) H)
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha+4})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+5}}(\Omega_{\alpha+4}))) - \Pi_0)$
-(5,2,1)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)(5,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+5}}(\psi_{\Omega_{\alpha+5}}(\Omega_{\alpha+3})))) - \Pi_0)$
-(6,2,0)(7,1,1)(8,2,1)(8,2,1)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)(5,2,0)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+5}}(\psi_{\Omega_{\alpha+5}}(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha+4}))))) - \Pi_0)$
-(6,2,0)(7,1,1)(8,2,1)(8,2,1)(8,2,0)	
(0,0,0)(1,1,1)(2,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+4}}(\psi_{\Omega_{\alpha+5}}(\psi_{\Omega_{\alpha+5}}(\psi_{\Omega_{\alpha+5}}(\Omega_{\alpha+4}))))) - \Pi_0)$
-(2,2,0)(3,2,0)(4,2,0)	$\varphi(\wedge \alpha.(\varphi \Omega_{\alpha+4}(\varphi \Omega_{\alpha+5}(\varphi \Omega_{\alpha+5}(\varphi \Omega_{\alpha+5}(\Sigma_{\alpha+4})))))))))))))$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+4}}(\Omega_{\alpha+5})) - \Pi_0)$
-(2,2,0)(3,3,0)	$\psi(\lambda\alpha.(\psi\Omega_{\alpha+4}(\Omega_{\alpha+5})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+4}}(\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
-(2,2,0)(3,3,1)(4,4,0)	$\psi(\wedge \alpha.(\psi_{\Omega_{\alpha+4}}(\wedge \alpha.(\alpha + 1) - 110) \text{ at } \alpha)) - 110)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+4}}(\lambda \alpha'.(\Omega_{\alpha'+3}) - \Pi_1 \text{ aft } \alpha)) - \Pi_0)$
-(2,2,0)(3,3,1)(4,4,1)(4,4,1)	$\psi(\wedge\alpha.(\psi\Omega_{\alpha+4}(\wedge\alpha.(2\iota_{\alpha'+3})-11_1\text{ att }\alpha))-11_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,0)-	$\frac{1}{2h(\lambda\alpha)(a a)} (\lambda\alpha'(a a) (\Omega, \dots)) = \Pi_{\alpha} \text{ aft } \alpha(\lambda) (\Omega, \dots)$
-(3,3,1)(4,4,1)(4,4,1)(4,4,0)(5,5,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+4}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+4}}(\Omega_{\alpha'+4})) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+4}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+5}) - \Pi_1)$
-(2,2,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+5})-\Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,0,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega})-\Pi_0)$
$ \left (0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0) \right $	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0) - (2,2,0)(3,2,0)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0) - (2,2,0)(3,2,0)(4,1,1)(5,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(5,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+3}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(5,2,1)(5,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+4}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,0,0)	$\psi((\lambda\alpha.(\Omega_{\alpha+\omega})-\Pi_0-)^2)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,0,0)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)- $-(3,2,0)(4,1,1)(5,2,1)(6,0,0)-$ $-(3,1,1)(4,2,1)(5,0,0)$	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,0,0)(3,2,0)	$\psi(\lambda \alpha.(\Omega_{\alpha+\omega}\cdot\omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,0,0) - (3,2,0)(4,1,1)(5,2,1)(6,0,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)- $-(3,2,0)(4,1,1)(5,2,1)(6,0,0)-$ $-(4,1,1)(5,2,1)(6,0,0)$	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega})))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,0,0)(5,2,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)- $-(2,2,0)(3,3,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega+2})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0) - (2,2,0)(3,3,1)(4,3,1)(5,0,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\lambda \alpha'.(\Omega_{\alpha'+\omega}) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0)- $-(2,2,1)(2,2,1)$	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega+2})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0) - (2,2,1)(3,0,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega\cdot2})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,0,0) - (2,2,1)(3,0,0)(2,2,1)(3,0,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega\cdot3})-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,0,0)(4,1,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+\psi(\Omega)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+\Omega})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot 2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha\cdot2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,1,0)(2,0,0)	$\psi((\lambda\alpha.(\Omega_{\alpha\cdot 2}) - \Pi_0 -)^2)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,1,0)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot2})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,1,0)(3,2,0)	$\psi(\lambda \alpha.(\Omega_{lpha \cdot 2} \cdot \omega) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)- $-(2,2,0)(3,3,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha \cdot 2+1}}(\Omega_{\alpha \cdot 2+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot 2+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)- $-(2,2,1)(3,1,0)(2,0,0)$	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot3})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)- $-(3,1,0)(2,0,0)$	$\psi(\lambda\alpha.(\Omega_{\alpha^2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)(4,2,0)	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)- $-(4,2,1)(5,3,0)$	$\psi(\lambda \alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'+1)-\Pi_0 \text{ aft } \alpha)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)- $-(4,2,1)(5,3,1)$	$\psi(\lambda \alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\Omega_{\alpha'+1})-\Pi_1 \text{ aft } \alpha)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)- $-(4,2,1)(5,3,1)(6,1,0)(2,0,0)$	$\psi(\lambda \alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\Omega_{\alpha'+\alpha})-\Pi_0 \text{ aft } \alpha)})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0) - (4,2,1)(5,3,1)(6,2,0)(5,0,0)	$\psi(\lambda \alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\Omega_{\alpha'\cdot 2})-\Pi_0 \text{ aft } \alpha)})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)- $-(4,2,1)(5,3,1)(6,2,0)(7,3,0)$	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\psi_{\Omega_{\alpha'+1}}(\Omega_{\alpha'+1})})-\Pi_0 \text{ aft } \alpha)})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,0)- $-(4,2,1)(5,3,1)(6,2,0)(7,3,0)$	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\psi_{\Omega_{\alpha'+1}}(\Omega_{\alpha'+1})})-\Pi_0 \text{ aft } \alpha)})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(2,2,1)	$\psi(\lambda \alpha.(\Omega_{\Omega_{\alpha+1}+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(2,2,1)(3,1,0)(2,0,0)$	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}+\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(2,2,1)(3,1,1)$	$\psi(\lambda \alpha.(\Omega_{\Omega_{\alpha+1}\cdot 2}) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(2,2,1)(3,1,1)(2,1,1)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}\cdot3})-\Pi_0)$
$ \left (0,0,0)(1,1,1)(2,2,1)(3,1,1)(3,0,0) \right $	$\psi(\lambda \alpha.(\Omega_{\Omega_{\alpha+1}\cdot\omega}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}\cdot\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}^2}) - \Pi_0)$
$ \left (0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,0,0) \right $	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(1))}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}))}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,1,1)(5,1,1)$	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1})))}) - \Pi_0)$
$ \left (0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,0) \right $	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,0)(5,3,1)(6,4,0)$	$\psi(\lambda \alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'+1)-\Pi_0 \text{ aft } \alpha)}) - \Pi_0)$
$ \left (0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,1) \right $	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+2}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,1)(2,2,1)(3,1,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+2}+\Omega_{\alpha+1}})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,1)(2,2,1)(3,1,1)(4,2,1)$	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+2}\cdot 2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,1)(3,1,1)$	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+2}\cdot\Omega_{\alpha+1}})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,1)(3,1,1)(4,2,1)$	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+2}{}^2})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,1)(4,2,0)$	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3})}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,1)(4,2,1)$	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+3}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,1)(4,2,1)(4,2,1)$	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+4}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,1)(5,0,0)$	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+\omega}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,1)(5,1,0)(2,0,0)$	$\psi(\lambda lpha.(\Omega_{\Omega_{lpha \cdot 2}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)- $-(4,2,1)(5,1,0)(6,2,0)$	$\psi(\lambda\alpha.(\Omega_{\Omega_{\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)-(4,2,1)(5,1,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\Omega_{\alpha+1}}}) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,1,1)-	/() (O) H)
-(4,2,1)(5,1,1)(6,2,1)	$\psi(\lambda \alpha.(\Omega_{\Omega_{\Omega_{\alpha+2}}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)-	2/() 2 (O) H)
-(4,2,1)(5,1,1)(6,2,1)(7,0,0)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\Omega_{\alpha+\omega}}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,1,1)-	$\psi(\lambda\alpha.(\Omega_{\Omega_{\Omega_{\Omega_{\alpha+1}}}}) - \Pi_0)$
-(4,2,1)(5,1,1)(6,2,1)(7,1,1)	$\varphi(\lambda \alpha \cdot (2M_{\Omega_{\Omega_{\alpha+1}}}) - 11_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}+\Omega_{\alpha+1}))-\Pi_0)$
-(2,2,1)(3,1,1)	, (···· (, ··α+1 (-α+1 , ··-α+1))α+1))
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}+\Omega_{\alpha+2}))-\Pi_0)$
-(2,2,1)(3,1,1)(4,2,1)	/ (/ / / / / / / / / / / / / / / / / /
(0,0,0)(1,1,1)(2,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}+\Omega_{\alpha+\omega}))-\Pi_0)$
-(2,2,1)(3,1,1)(4,2,1)(5,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \Omega_{\Omega_{\alpha+1}})) - \Pi_0)$
-(2,2,1)(3,1,1)(4,2,1)(5,1,1)	
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1) \\ -(3,1,1)(4,2,1)(5,1,1)(6,2,1)(7,1,1) \end{array} $	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \Omega_{\Omega_{\Omega_{\alpha+1}}})) - \Pi_0)$
$ \frac{-(3,1,1)(4,2,1)(3,1,1)(0,2,1)(7,1,1)}{(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)} $	
-(3,1,1)(4,2,1)(5,2,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1}))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	
-(3,1,1)(4,2,1)(5,2,0)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1}) \cdot 2)) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,0)	γ (**** (γ
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	
-(3,1,1)(4,2,1)(5,2,0)(3,0,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1}) \cdot \omega)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	
-(3,1,1)(4,2,1)(5,2,0)(3,1,1)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1}) \cdot \Omega_{\alpha+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	
-(3,1,1)(4,2,1)(5,2,0)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1})^2)) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	
-(3,1,1)(4,2,1)(5,2,0)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1})^{\psi_{I_{\alpha+1}}(I_{\alpha+1})})) - \Pi_0)$
-(4,1,1)(5,2,1)(6,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{\psi_{I_{\alpha+1}}(I_{\alpha+1}+1)}(I_{\alpha+1}))$
-(3,1,1)(4,2,1)(5,2,0)(4,2,0)	$+\psi_{I_{\alpha+1}}(I_{\alpha+1}+1))))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1} + 1))) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,0)(4,2,1)	$\psi(\wedge u \cdot (\psi I_{\alpha+1}(\mathbf{I}_{\alpha+1} + \psi I_{\alpha+1}(\mathbf{I}_{\alpha+1} + \mathbf{I}_{JJJ})) = \mathbf{II}_{0})$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1} + 2))) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,0)(4,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1} + \Omega_{\alpha+1}))) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,0)(4,2,1)(5,1,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1}$
-(3,1,1)(4,2,1)(5,2,0)(4,2,1)	$+\psi_{I_{\alpha+1}}(I_{\alpha+1}+1))) - \Pi_0$
-(5,1,1)(6,2,1)(7,2,0)(6,2,1)	- γ τα+τ (α τ τ - γ γ γ γ γ γ γ γ γ γ γ γ γ γ γ γ γ
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot 2))-\Pi_0)$
-(2,2,1)(3,2,0)	γ ((-α _τ 1 (γ - γ))
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot 2+1)) - \Pi_1)$
-(3,2,0)(2,2,1)	/ (/ Ια+1 (α 1
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot 2 + \psi_{I_{\alpha+1}}(I_{\alpha+1}))) - \Pi_0)$
-(3,2,0)(2,2,1)(3,1,1)(4,2,1)(5,2,0)	γ (γ-α+1 (α+2))
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	
-(3,2,0)(2,2,1)(3,1,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot 2 + \psi_{I_{\alpha+1}}(I_{\alpha+1} + 1))) - \Pi_0)$
-(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	
-(3,2,0)(2,2,1)(3,1,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot 2+\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot 2)))-\Pi_0)$
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	
-(3,2,0)(2,2,1)(3,1,1)(4,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot 2 + \psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot 2 + 1))) - \Pi_0)$
-(5,2,0)(4,2,1)(5,2,0)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot 3))-\Pi_0)$
-(3,2,0)(2,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}:3))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1)-	$ab(\lambda \alpha, (ab, (I, A)), \Pi, \lambda$
-(3,2,0)(2,2,1)(3,2,0)(2,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot 4)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,0,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot\omega))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	
-(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot\alpha))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	
-(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot\alpha))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,1,1)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot\Omega_{\alpha+1}))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	
-(3,1,1)(4,2,1)(5,2,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot \psi_{I_{\alpha+1}}(I_{\alpha+1}))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	
-(3,1,1)(4,2,1)(5,2,0)(5,1,1)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot \psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot \Omega_{\alpha+1}))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot \psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot \Omega_{\alpha+1}))) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,0)(5,1,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,1,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot \psi_{I_{\alpha+1}}(I_{\alpha+1}$
-(4,2,1)(5,2,0)(5,1,1)-	
-(6,2,1)(7,2,0)(7,1,1)	$\cdot \psi_{I_{\alpha+1}}(I_{\alpha+1} \cdot \Omega_{\alpha+1})))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,2,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^2)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,0,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{\omega})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,1,1)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{\Omega_{\alpha+1}})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{I_{\alpha+1}})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0) - (4,2,0)(4,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{I_{\alpha+1}^2})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0) - (4,2,0)(5,2,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{I_{\alpha+1}^{I_{\alpha+1}}})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,3,0)	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\Omega_{I_{\alpha+1}+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0) - (4,3,1)(5,4,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,0) - (4,3,1)(5,4,1)(6,4,0)	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\lambda \alpha'.(\psi_{I_{\alpha'+1}}(I_{\alpha'+1})) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda\alpha.(I_{\alpha+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,0)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1})) - \Pi_0 - \lambda \alpha.(I_{\alpha+1}) - \Pi_1)$
-(3,2,0)(4,1,1)(5,2,1)(6,2,0)	$\psi(n\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1})))$ Π_0 $n\alpha.(I_{\alpha+1})$ $\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,0)	$\psi((\lambda \alpha.(I_{\alpha+1}) - \Pi_1 -)^2)$
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)	
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,2,1)(3,1,1) \end{array} $	$\psi(\Pi_1 - \lambda \alpha. (I_{\alpha+1}) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(I_{\alpha+1}+\Omega_{\alpha+2})-\Pi_0)$
-(6,2,1)(3,1,1)(4,2,1)	, ((a 2 , a 2)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)	$\psi(\lambda \alpha.(I_{\alpha+1} + \psi_{I_{\alpha+1}}(I_{\alpha+1})) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,0)	4,5
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)-	$\psi(\lambda\alpha.(I_{\alpha+1}\cdot 2)-\Pi_0)$
-(3,1,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,0)-	$\psi(\lambda \alpha. (I_{\alpha+1} \cdot \omega) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)(3,2,0)	$\psi(\lambda\alpha.(I_{\alpha+1}\cdot\omega)-II_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{I_{\alpha+1}+1}}(\Omega_{I_{\alpha+1}+2})) - \Pi_0)$
-(2,2,0)(3,3,0)	$\varphi(n\omega(\varphi \mathfrak{U}_{I_{\alpha+1}+1}(\mathfrak{U}_{\alpha+1}+2))=110)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+1}) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(2,2,1)(2,2,1)$	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+\Omega_{\alpha+1}})-\Pi_0)$
$ \begin{array}{c c} -(2,2,1)(3,1,1) \\ \hline (0,0,0)(1,1,1)(2,2,1)(3,2,1) - \end{array} $. (
-(2,2,1)(3,1,1)(4,2,1)(5,2,0)	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+\psi_{I_{\alpha+1}}(I_{\alpha+1})})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)-	ah() o (O
-(3,1,1)(4,2,1)(5,2,0)(6,3,0)	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+\psi_{I_{\alpha+1}}(\Omega_{I_{\alpha+1}+1})})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)-	$\psi(\lambda \alpha.(\Omega_{I_{\alpha+1}\cdot 2}) - \Pi_0)$
$ \begin{array}{c c} -(3,1,1)(4,2,1)(5,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1) - \end{array} $	
-(3,1,1)(4,2,1)(5,2,1)(2,2,1)	$\psi(\lambda \alpha.(\Omega_{I_{\alpha+1}\cdot 3}) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,1)	, (-a+1 0)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)-	$\psi(\lambda \alpha.(\Omega_{I_{\alpha+1}:\Omega_{\alpha+1}}) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,1)(3,1,1)	$\psi(\mathcal{M}, (\mathfrak{s}I_{\alpha+1} \cdot \mathfrak{U}_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)-	/() (O) H)
$ \begin{array}{c c} -(3,1,1)(4,2,1)(5,2,1) \\ -(3,1,1)(4,2,1)(5,2,1) \end{array} $	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}^2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)-	
-(3,1,1)(4,2,1)(5,2,1)-	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}I_{\alpha+1}})-\Pi_0)$
-(4,1,1)(5,2,1)(6,2,1)	1α+1
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{I_{\alpha+1}+1}}(\Omega_{I_{\alpha+1}+1})}) - \Pi_0)$
-(3,1,1)(4,2,1)(5,2,1)(4,2,0)	$\varphi\left(\lambda(a,(a))_{I_{\alpha+1}+1}(aI_{\alpha+1}+1)\right) = 110$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\Omega_{\Omega_{I_{\alpha+1}+1}})-\Pi_0)$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	α+1 '
	$\psi(\lambda\alpha.(\Omega_{\Omega_{I_{\alpha+1}+\Omega_{\alpha+1}}})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)-	
-(3,1,1)(4,2,1)(5,2,1)(4,2,1)-	$\psi(\lambda \alpha.(\Omega_{\Omega_{I_{\alpha+1},2}}) - \Pi_0)$
-(5,1,1)(6,2,1)(7,2,1)	2,12
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+2}}(I_{\alpha+2})) - \Pi_0)$
-(2,2,1)(3,2,0)	$\gamma \left(\gamma (\alpha + 2) - \alpha + 2 \right) = -0$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(I_{\alpha+2}+1))-\Pi_1)$
$ \begin{array}{c c} -(2,2,1)(3,2,0)(2,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,1)(3,2,1) - \end{array} $	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(I_{\alpha+2}\cdot 2)) - \Pi_0)$
-(2,2,1)(3,2,0)(2,2,1)(3,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+2}}(I_{\alpha+2}\cdot\omega))-\Pi_0)$
-(2,2,1)(3,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(I_{\alpha+2}^2))-\Pi_0)$
-(2,2,1)(3,2,0)(3,2,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(2,2,1)(3,2,0)(4,3,0)$	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(\Omega_{I_{\alpha+2}+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(2,2,1)(3,2,1)$	$\psi(\lambda \alpha.(I_{\alpha+2}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)(3,2,1)(2,2,1)(3,2,1)	$\psi(\lambda\alpha.(I_{\alpha+3}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1) - (3,2,1)(2,2,1)(3,2,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.(I_{\alpha+4}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,0,0)	$\psi(\lambda\alpha.(I_{\alpha+\omega}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,0,0)(2,2,1)	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+\omega}+1})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,0,0)(2,2,1)(3,2,1)	$\psi(\lambda\alpha.(I_{\alpha+\omega+1})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,0,0)(2,2,1)(3,2,1)(3,0,0)	$\psi(\lambda \alpha.(I_{\alpha+\omega\cdot 2})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(3,1,0)(2,0,0)$	$\psi(\lambda lpha.(I_{lpha \cdot 2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,0)(2,2,1)(3,2,1)(3,0,0)	$\psi(\lambda\alpha.(I_{\alpha\cdot 2+1}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- -(3,1,0)(2,2,1)(3,2,1)(3,1,0)(2,0,0)	$\psi(\lambda \alpha.(I_{\alpha\cdot 3}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)	$\psi(\lambda \alpha.(I_{\Omega_{\alpha+1}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(3,1,1)(4,2,1)(5,2,0)$	$\psi(\lambda\alpha.(I_{\psi_{I_{\alpha+1}}(I_{\alpha+1})}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(3,1,1)(4,2,1)(5,2,1)$	$\psi(\lambda\alpha.(I_{I_{\alpha+1}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)- $-(4,2,1)(5,2,1)(2,2,1)(3,2,1)-$ $-(3,1,1)(4,2,1)(5,2,1)$	$\psi(\lambda\alpha.(I_{I_{\alpha+1}\cdot 2}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)- $-(4,2,1)(5,2,1)(3,1,1)$	$\psi(\lambda\alpha.(I_{I_{\alpha+1}\cdot\Omega_{\alpha+1}})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)- $-(4,2,1)(5,2,1)(4,2,1)$	$\psi(\lambda \alpha.(I_{\Omega_{I_{\alpha+1}+1}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)- -(4,2,1)(5,2,1)(4,2,1)(5,2,1)	$\psi(\lambda \alpha.(I_{I_{\alpha+2}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)-(4,2,1)(5,2,1)(5,1,1)	$\psi(\lambda \alpha.(I_{I_{\Omega_{\alpha+1}}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I(1,\alpha+1)}(I(1,\alpha+1))) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,0)- $-(2,2,1)(3,2,1)$	$\psi(\lambda \alpha.(\psi_{I(1,\alpha+1)}(I(1,\alpha+1)+1)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,0) - (2,2,1)(3,2,1)(3,2,0)	$\psi(\lambda \alpha.(\psi_{I(1,\alpha+1)}(I(1,\alpha+1)\cdot 2)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,0)(3,0,0)	$\psi(\lambda\alpha.(\psi_{I(1,\alpha+1)}(I(1,\alpha+1)\cdot\omega))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,0)(4,3,0)	$\psi(\lambda\alpha.(\psi_{I(1,\alpha+1)}(\Omega_{I(1,\alpha+1)+1})) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)	$\psi(\lambda\alpha.(I(1,\alpha+1)) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)(2,2,1)(3,2,1)(3,2,1)	$\psi(\lambda\alpha.(I(1,\alpha+2))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)(3,0,0)	$\psi(\lambda\alpha.(I(1,\alpha+\omega))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)(3,1,1)	$\psi(\lambda\alpha.(I(1,\Omega_{\alpha+1}))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)(3,2,0)	$\psi(\lambda\alpha.(\psi_{I(2,\alpha+1)}(I(2,\alpha+1))) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)(3,2,1)	$\psi(\lambda\alpha.(I(2,\alpha+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)(3,2,1)(3,2,1)	$\psi(\lambda\alpha.(I(3,\alpha+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,0,0)	$\psi(\lambda\alpha.(I(\omega,\alpha+1))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.((2\ 1-)^{\alpha}\ aft\ \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,1,0)(3,2,1)$	$\psi(\lambda \alpha.((2\ 1-)^{\alpha+1}\ \text{aft}\ \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,1,0)(3,2,1)(4,1,0)(2,0,0)$	$\psi(\lambda\alpha.((2\ 1-)^{\alpha\cdot 2}\ \mathrm{aft}\ \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,1,0)(5,2,0)$	$\psi(\lambda \alpha.((2\ 1-)^{\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})} \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,1,1)	$\psi(\lambda\alpha.((2\ 1-)^{\Omega_{\alpha+1}} \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,1,1)(5,2,1)(6,2,1)$	$\psi(\lambda\alpha.((2\ 1-)^{2\ 1-2\ aft\ \alpha}\ aft\ \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,1,1)(5,2,1)(6,2,1)(7,1,1)$	$\psi(\lambda \alpha.((2\ 1-)^{(2\ 1-)^{\Omega_{\alpha+1}}} \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,0)	$\psi(\lambda \alpha.((2\ 1-)^{(1,0)}\ aft\ \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,0)(2,2,1)$	$\psi(\lambda \alpha. (2 \text{ aft } (2 1-)^{(1,0)} \text{ aft } \alpha) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(2\ 1-2\ \text{aft}\ (2\ 1-)^{(1,0)}\ \text{aft}\ \alpha) - \Pi_0)$
-(4,2,0)(2,2,1)(3,2,1)	, (. tan(= = = and (= =) = and (= =)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.((2\ 1-)^{\alpha} \text{ aft } (2\ 1-)^{(1,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,0)(2,2,1)(3,2,1)(4,1,0)(2,0,0)	\$ (nat((21) are (21) are a) 110)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.((2\ 1-)^{\Omega_{\alpha+1}} \text{ aft } (2\ 1-)^{(1,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,0)(2,2,1)(3,2,1)(4,1,1)	\$ (*****(******************************
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha. (2\text{nd } (2\ 1-)^{(1,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,0)(2,2,1)(3,2,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(1-(2\ 1-)^{(1,0)}\ aft\ \alpha)-\Pi_0)$
-(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.((1-)^{(1,0)}(2\ 1-)^{(1,0)})$ aft α) – Π_0)
-(4,2,0)(3,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.((2\ 1-)^{(1,1)} \text{ aft } \alpha) - \Pi_1)$
-(4,2,0)(3,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.((2\ 1-)^{(1,2)}\ {\rm aft}\ \alpha) - \Pi_1)$
-(4,2,0)(3,2,1)(3,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.((2\ 1-)^{(2,0)}\ {\rm aft}\ \alpha) - \Pi_0)$
-(4,2,0)(3,2,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,0)-	$\psi(\lambda \alpha.((2\ 1-)^{(3,0)} \text{ aft } \alpha) - \Pi_0)$
-(3,2,1)(4,2,0)(3,2,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.((2\ 1-)^{(\omega,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1) - (4,2,0)(4,1,1)	$\psi(\lambda \alpha.((2\ 1-)^{(\Omega_{\alpha+1},0)} \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	
-(4,2,0)(4,2,0)	$\psi(\lambda \alpha.((2\ 1-)^{(1,0,0)}\ aft\ \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	
-(4,2,0)(4,2,0)(3,2,1)	$\psi(\lambda \alpha.((2\ 1-)^{(1,0,1)}\ aft\ \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	
-(4,2,0)(4,2,0)(3,2,1)(4,2,0)	$\psi(\lambda \alpha.((2\ 1-)^{(1,1,0)}\ aft\ \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	(2.2.2)
-(4,2,0)(4,2,0)(3,2,1)(4,2,0)(4,2,0)	$\psi(\lambda \alpha.((2\ 1-)^{(2,0,0)}\ aft\ \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	
-(4,2,0)(4,2,0)(4,0,0)	$\psi(\lambda \alpha.((2\ 1-)^{(\omega,0,0)}) \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	(1000)
-(4,2,0)(4,2,0)(4,2,0)	$\psi(\lambda \alpha.((2\ 1-)^{(1,0,0,0)}\ \text{aft}\ \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.((2\ 1-)^{(1@\omega)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,0)(5,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(\psi_{2-2 \text{ aft } \alpha}(2 \text{ aft } 2-2 \text{ aft } \alpha)) - \Pi_0)$
-(4,2,0)(5,3,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,0)(5,3,1)(6,4,0)$	$\psi(\lambda \alpha.(\psi_{2-2 \text{ aft } \alpha}(\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1)	$\psi(\lambda\alpha.(2-2 \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(2,2,1)$	$\psi(\lambda \alpha.(2 \text{ aft } 2-2 \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1) - (4,2,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.(2\ 1-2\ \mathrm{aft}\ 2-2\ \mathrm{aft}\ \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(2,2,1)(3,2,1)(4,2,0)$	$\psi(\lambda \alpha.((2\ 1-)^{(1,0)} \text{ aft } 2-2 \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(2,2,1)(3,2,1)(4,2,1)$	$\psi(\lambda\alpha.(2\text{nd }2-2\text{ aft }\alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1)- $-(2,2,1)(3,2,1)(4,2,1)-$ $-(2,2,1)(3,2,1)(4,2,1)$	$\psi(\lambda \alpha.(3\text{rd }2-2\text{ aft }\alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(3,0,0)$	$\psi(\lambda\alpha.(1-2-2 \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(3,1,0)$	$\psi(\lambda \alpha.((1-)^{\alpha}2 - 2 \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(3,1,1)$	$\psi(\lambda\alpha.((1-)^{\Omega_{\alpha+1}}2-2 \text{ aft } \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(3,2,0)$	$\psi(\lambda \alpha.((1-)^{(1,0)}2-2 \text{ aft } \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(3,2,0)(4,3,0)$	$\psi(\lambda \alpha.(\psi_{2 1-2-2 \text{aft } \alpha}(2 \text{aft } 2 1-2-2 \text{aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1) - (4,2,1)(3,2,1)	$\psi(\lambda\alpha.(2\ 1-2-2\ \mathrm{aft}\ \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(3,2,1)(3,2,1)$	$\psi(\lambda \alpha.(2\ 1-2\ 1-2-2\ {\rm aft}\ \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(3,2,1)(4,2,0)$	$\psi(\lambda \alpha.((2\ 1-)^{(1,0)}2-2\ aft\ \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(3,2,1)(4,2,1)$	$\psi(\lambda \alpha.(2-2\ 1-2-2\ {\rm aft}\ \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1)(3,2,1)(4,2,1)(3,2,1)(4,2,1)	$\psi(\lambda \alpha.(2-2\ 1-2-2\ 1-2-2\ aft\ \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(4,0,0)$	$\psi(\lambda\alpha.((2-2\ 1-)^{\omega}\ \mathrm{aft}\ \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(4,2,0)$	$\psi(\lambda \alpha.((2-2\ 1-)^{(1,0)} \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)- $-(4,2,1)(4,2,1)$	$\psi(\lambda\alpha.(2-2-2 \text{ aft } \alpha) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(2 \text{ aft } 2 - 2 - 2 \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(4,2,1)(2,2,1)	$\psi(\lambda\alpha.(2 \text{ art } 2-2-2 \text{ art } \alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1)-	$\psi(\lambda\alpha.(2-2 \text{ aft } 2-2-2 \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(2,2,1)(3,2,1)(4,2,1)	$\psi(\text{Mat}.(2-2 \text{ are } 2-2-2 \text{ are } \alpha) - \text{II}_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1)-	$\psi(\lambda\alpha.(2\mathrm{nd}\ 2-2-2\ \mathrm{aft}\ \alpha)-\Pi_1)$
-(4,2,1)(2,2,1)(3,2,1)(4,2,1)(4,2,1)	$\varphi(\lambda \alpha.(2\operatorname{Id} 2 - 2 - 2\operatorname{art} \alpha) - \operatorname{II}_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(1-2-2-2 \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(4,2,1)(3,0,0)	y (/ text(1
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(2\ 1-2-2-2\ {\rm aft}\ \alpha)-\Pi_1)$
-(4,2,1)(4,2,1)(3,2,1)	φ (λαι(2 1 2 2 2 αιν α) 111)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(2-2\ 1-2-2-2\ {\rm aft}\ \alpha)-\Pi_1)$
-(4,2,1)(4,2,1)(3,2,1)(4,2,1)	γ (· ···· (Δ
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.(2-2-2\ 1-2-2-2\ \text{aft}\ \alpha) - \Pi_1)$
-(4,2,1)(4,2,1)(3,2,1)(4,2,1)(4,2,1)	7 (No. (C = C = C = C = C)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1)-	$\psi(\lambda \alpha.(2-2-2\ 1-2-2-2$
-(4,2,1)(3,2,1)(4,2,1)(4,2,1)-	$1 - 2 - 2 - 2$ aft α) – Π_1)
-(3,2,1)(4,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.((2-2-2\ 1-)^{(1,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(4,2,1)(4,2,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2-2-2-2 \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(4,2,1)(4,2,1)	, -7
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2-2-2-2-2 \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(4,2,1)(4,2,1)	, , -,
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.((2-)^{\omega} \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(5,0,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.((2-)^{(1,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.(2\ 1-(2-)^{(1,0)}\ \text{aft}\ \alpha)-\Pi_0)$
-(4,2,1)(5,2,0)(3,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.(2-2\ 1-(2-)^{(1,0)}\ aft\ \alpha)-\Pi_0)$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.((2-)^{(1,0)} 1 - (2-)^{(1,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(5,2,0)(3,2,1)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.(((2-)^{(1,0)} 1-)^{(1,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(5,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda\alpha.((2-)^{(1,1)} \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(5,2,0)(4,2,1)	,
(0,0,0)(1,1,1)(2,2,1)(3,2,1)	$\psi(\lambda\alpha.((2-)^{(2,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(5,2,0)(4,2,1)(5,2,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda \alpha.((2-)^{(1,0,0)} \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(5,2,0)(5,2,0)	$\psi(\lambda\alpha.((2-))^{*})^{*}$ and $\alpha)=\Pi_{0}$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	a(t) = (at + 2at + a)
-(4,2,1)(5,2,0)(6,3,0)	$\psi(\lambda \alpha.(\psi_{3 \text{ aft } \alpha}(2 \text{ aft } 3 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(3 \text{ aft } \alpha) - \Pi_2)$
-(4,2,1)(5,2,1)	$\psi(\lambda\alpha.(3\text{ att }\alpha)-11_2)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2 \text{ aft } 3 \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(5,2,1)(2,2,1)	$\varphi(\text{Act.}(2 \text{ art } 0 \text{ art } \alpha) - \Pi_1)$
$ \left (0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1) - \right $	$\psi(\lambda\alpha.(2-2 \text{ aft } 3 \text{ aft } \alpha) - \Pi_1)$
-(5,2,1)(2,2,1)(3,2,1)(4,2,1)	$\psi(n\alpha.(2-2\sin\theta\sin\alpha)-111)$
$ \left (0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1) - \right $	$\psi(\lambda\alpha.(2\mathrm{nd}\;3\;\mathrm{aft}\;\alpha)-\Pi_2)$
-(5,2,1)(2,2,1)(3,2,1)(4,2,1)(5,2,1)	$\varphi(\mathcal{M}_{\alpha},(2\mathbb{N}_{\alpha}\cup \alpha))=11_{2})$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(1-3 \text{ aft } \alpha) - \Pi_0)$
-(4,2,1)(5,2,1)(3,0,0)	$\varphi(na.(1-bance)-110)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2\ 1-3\ {\rm aft}\ \alpha)-\Pi_1)$
-(4,2,1)(5,2,1)(3,2,1)	$\varphi(\lambda \alpha.(21 \theta \text{ and } \alpha) \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2-2\ 1-3\ {\rm aft}\ \alpha)-\Pi_1)$
-(4,2,1)(5,2,1)(3,2,1)(4,2,1)	$\varphi(\text{Act.}(2 21 3 \text{ art } a) 11_1)$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(3\ 1-3\ {\rm aft}\ \alpha)-\Pi_2)$
-(4,2,1)(5,2,1)(3,2,1)(4,2,1)(5,2,1)	$\varphi(\lambda \alpha)(\theta 1 - \theta \sin \alpha) - \Pi_2)$
$ \left (0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1) - \right $	
-(5,2,1)(3,2,1)(4,2,1)(5,2,1)-	$\psi(\lambda\alpha.(3\ 1-3\ 1-3\ \text{aft}\ \alpha)-\Pi_2)$
-(3,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2-3 \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(5,2,1)(4,2,1)	$\varphi(\mathcal{M}_{\alpha}, (2 - 0 \operatorname{div} \alpha) - \Pi_{1})$
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(2-2-3 \text{ aft } \alpha) - \Pi_1)$
-(4,2,1)(5,2,1)(4,2,1)(4,2,1)	φ (πα.(2 2 σ αιτ α) 111)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(3\ 2-3\ {\rm aft}\ \alpha)-\Pi_2)$
-(4,2,1)(5,2,1)(4,2,1)(5,2,1)	φ(πα.(θ 2 θ από α) 11 ₂)
$ \left (0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,1) - \right $	$\psi(\lambda \alpha.(3\ 2-3\ 2-3\ {\rm aft}\ \alpha)-\Pi_2)$
-(5,2,1)(4,2,1)(5,2,1)(4,2,1)(5,2,1)	φ (παπ(σ 2 σ 2 σ απ α) 11 ₂)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(3-3 \text{ aft } \alpha) - \Pi_2)$
-(4,2,1)(5,2,1)(5,2,1)	φ (παι.(σ σ απο α) 11 ₂)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(3-3-3 \text{ aft } \alpha) - \Pi_2)$
-(4,2,1)(5,2,1)(5,2,1)(5,2,1)	7 ((5 5 6 616 66) 112)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(4 \text{ aft } \alpha) - \Pi_3)$
-(4,2,1)(5,2,1)(6,2,1)	φ (πωτίτ ωτο ω) - 113)
(0,0,0)(1,1,1)(2,2,1)(3,2,1)-	$\psi(\lambda\alpha.(5 \text{ aft } \alpha) - \Pi_4)$
-(4,2,1)(5,2,1)(6,2,1)(7,2,1)	, (()4)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0 \text{ aft } \alpha)-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (2,1,0)(3,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,1,1)	$\psi(\Pi_1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (2,1,1)(3,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 \Pi_1 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)$
-(2,1,1)(3,2,1)(4,3,0)	$-\Pi_0 \Pi_1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (2,1,1)(3,2,1)(4,3,0)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0 \ \lambda\alpha.(\alpha+1)$
-(2,2,0)(3,1,1)(4,2,1)(5,3,0)	$-\Pi_1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\alpha+2) - \Pi_0 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
-(2,2,0)(3,1,1)(4,2,1)(5,3,0)(4,2,0)	7((1) 0 (7 (1) 3) 3)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	(/\2 (2 + 2) H \2 (\2 (2 + 1) H \ H
-(3,1,1)(4,2,1)(5,3,0)(4,2,0) - (5,1,1)(6,2,1)(7,3,0)(6,2,0)	$\psi(\lambda\alpha.(\alpha+3) - \Pi_0 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	
-(2,2,0)(3,2,0)	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0-\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\alpha+\omega^2)-\Pi_0-\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
-(2,2,0)(3,2,0)(3,2,0)	$\psi(\lambda \alpha.(\alpha + \omega)) = 110 - \lambda \alpha.(\lambda \beta.(\beta + 1)) = 110)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (2,2,0)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}))$
-(2,2,0)(3,2,0)(4,1,0)(5,2,0)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
-(2,2,0)(3,2,0)(4,1,1)	, (2,12,7 2 (, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0 \lambda\alpha.(\Omega_{\alpha+1})-\Pi_2$
-(3,2,0)(4,1,1)(3,1,1)(4,2,1)(5,3,0)	$-\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	//()
-(3,2,0)(4,1,1)(3,1,1)- $-(4,2,1)(5,3,0)(4,2,0)$	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+1)-\Pi_0-\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
$\frac{-(4,2,1)(5,3,0)(4,2,0)}{(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)}$	
-(3,2,0)(4,1,1)(3,1,1)(4,2,1)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 2) - \Pi_0 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
-(5,3,0)(4,2,0)(5,2,0)(6,1,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0) - (3,2,0)(4,1,1)(3,1,1)(4,2,1)(5,3,0) - (4,2,0)(5,2,0)(6,1,1)(5,1,1)(6,2,1) - (7,3,0)(6,2,0)(7,2,0)(8,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 3) - \Pi_0 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (2,2,0)(3,2,0)(4,1,1)(3,2,0)	$\psi(\lambda \alpha.(\Omega_{\alpha+1} \cdot \omega) - \Pi_0 - \lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1}))$
-(2,2,0)(3,2,0)(4,1,1)(3,2,0)(4,1,1)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+1})))$
-(2,2,0)(3,2,0)(4,1,1)(4,1,1)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})))$
-(2,2,0)(3,2,0)(4,1,1)(5,2,0)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})))$
-(3,2,0)(4,1,1)(5,2,0)(6,2,0)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})))))$
-(3,2,0)(4,1,1)(5,2,0)(6,2,0)(7,2,0)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+3}))$
-(3,2,0)(4,1,1)(5,2,0)(6,3,0)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3})))$
-(3,2,0)(4,1,1)(5,2,1)(5,2,0)(6,3,0)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(5,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+3}) - \Pi_1 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,0,0)	$\psi(\lambda \alpha.(\Omega_{\alpha+\omega}) - \Pi_0 - \lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot2}) - \Pi_0 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,1,1)	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}}) - \Pi_0 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}))$
-(3,2,0)(4,1,1)(5,2,1)(6,2,0)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,2,1)	$\psi(\lambda\alpha.(I_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1)(6,2,1)(5,2,1)	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+1}) - \Pi_1 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,1) - (6,2,1)(5,2,1)(6,2,1)	$\psi(\lambda \alpha.(I_{\alpha+2}) - \Pi_1 - \lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	$\psi(\lambda\alpha.(2\ 1-2\ 1-2\ \text{aft}\ \alpha)$
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)(6,2,1)	$-\Pi_1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.(2\ 1-2\ 1-2\ 1-2\ \text{aft}\ \alpha)$
-(3,2,0)(4,1,1)(5,2,1)-	
-(6,2,1)(6,2,1)(6,2,1)	$-\Pi_1 - \lambda \alpha \cdot (\lambda \beta \cdot (\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.((2\ 1-)^{\alpha}\ \text{aft}\ \alpha)$
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)(7,1,0)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.((2\ 1-)^{(1,0)}\ \text{aft}\ \alpha)$
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)(7,2,0)	$-\Pi_0 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.(2-2 \text{ aft } \alpha) - \Pi_1 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)(7,2,1)	$\psi(\text{Nat.}(2-2\text{ art }\alpha)-\text{II}_1)-\text{Nat.}(\text{Np.}(p+1)-\text{II}_0)-\text{II}_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.(2\ 1-2-2\ \text{aft}\ \alpha))$
-(3,2,0)(4,1,1)(5,2,1)-	$-\Pi_1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
-(6,2,1)(7,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	$\psi(\lambda\alpha.(2-2\ 1-2-2\ \text{aft}\ \alpha)$
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)	$-\Pi_1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)	$\psi(\lambda\alpha.(2-2-2 \text{ aft } \alpha))$
-(6,2,1)(7,2,1)(7,2,1)	$-\Pi_1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	(4) (2 2 2 2 6)
-(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(2-2-2-2 \text{ aft } \alpha))$
-(6,2,1)(7,2,1)(7,2,1)(7,2,1)	$-\Pi_1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda\alpha.((2-)^{(1,0)} \text{ aft } \alpha)$
-(3,2,0)(4,1,1)(5,2,1)-	
-(6,2,1)(7,2,1)(8,2,0)	$-\Pi_0 - \lambda \alpha \cdot (\lambda \beta \cdot (\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda \alpha.(3 \text{ aft } \alpha) - \Pi_2 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
-(6,2,1)(7,2,1)(8,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,2,1)	$\psi(\lambda \alpha.(4 \text{ aft } \alpha) - \Pi_3 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
-(7,2,1)(8,2,1)(9,2,1)	ah() a () Q (Q + 1) — П — П
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)	$-\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)	$a_{1}(\lambda_{0},(\lambda_{0},(2+1),\Pi+1),\Pi)$
-(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0+1)-\Pi_0)$
-(6,3,0)(3,1,1)(4,2,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0+\Omega_{\alpha+2})-\Pi_0)$
-(6,3,0)(3,1,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\cdot 2)-\Pi_0)$
-(3,1,1)(4,2,1)(5,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)(3,1,1)-	$\psi((\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\cdot 2)-\Pi_0-)^2)$
-(4,2,1)(5,3,0)(4,2,0)(5,2,0)-	$\varphi((\lambda \alpha.(\lambda \beta.(\beta + 1) - 110 + 2) - 110 + 1))$
-(6,1,1)(7,2,1)(8,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)(3,1,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\cdot 3)-\Pi_0)$
-(4,2,1)(5,3,0)(4,2,0)(5,2,0)(6,1,1)-	$\psi(\lambda a.(\lambda \beta.(\beta+1)-\Pi_0-0)-\Pi_0)$
-(7,2,1)(8,3,0)(5,1,1)(6,2,1)(7,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_0 \cdot \omega) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)(3,2,0)	$\varphi(n\alpha.(n\beta.(\beta+1)-110-\omega)-110)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,0)-	$\psi(\lambda \alpha.(\psi_{\Pi_2 ext{ aft } \lambda \beta.(\beta+1) - \Pi_0}$
-(3,2,0)(4,1,1)(5,2,1)(6,3,0)(5,2,0)	$(\Pi_2 \text{ aft } \lambda \beta.(\beta+1) - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)-	$\psi(\lambda \alpha.(\psi_{\Pi_2 \text{ aft } \lambda \beta.(\beta+1)-\Pi_0})$
-(3,3,0)(2,2,0)(3,3,0)	$(2nd \Pi_2 \text{ aft } \lambda \beta.(\beta+1) - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(2,2,1)	$\psi(\lambda\alpha.(\Pi_2 \text{ aft } \lambda\beta.(\beta+1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda \alpha.(2\text{nd }\Pi_2 \text{ aft } \lambda \beta.(\beta+1) - \Pi_0) - \Pi_1)$
-(2,2,1)(2,2,1)	$\varphi(\text{Net}(2\text{He H}_2 \text{ are N}\beta, (\beta + 1) + \text{H}_0) + \text{H}_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda \alpha.(\Pi_1 - \Pi_2 \text{ aft } \lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
-(2,2,1)(3,0,0)	\$ (****(21) 112 ett **/\$ (\$ 1) 120)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.((\Pi_1-)^{\Omega_{\alpha+1}}\Pi_2 \text{ aft } \lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
-(2,2,1)(3,1,1)	7 (100 ((-1)) -12 000 1,9 1 (9 1 -1) -10)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda \alpha.((\Pi_1-)^{(1,0)}\Pi_2 \text{ aft } \lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$
-(2,2,1)(3,2,0)	, (· · · (1) 2 · · · · · · ·) 0) 0)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\Pi_2 \Pi_1 - \Pi_2 \text{ aft } \lambda\beta.(\beta+1) - \Pi_0) - \Pi_1)$
-(2,2,1)(3,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\Pi_2\ \Pi_1-\Pi_2$
-(2,2,1)(3,2,1)(3,2,1)	$\Pi_1 - \Pi_2 \text{ aft } \lambda \beta . (\beta + 1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\Pi_2-\Pi_2 \text{ aft } \lambda\beta.(\beta+1)-\Pi_0)-\Pi_1)$
-(2,2,1)(3,2,1)(4,2,1)	$\psi(\text{Mat}(\Pi_2 + \Pi_2 \text{ art } \text{M}), (p + 1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\Pi_3 \text{ aft } \lambda\beta.(\beta+1)-\Pi_0)-\Pi_2)$
-(2,2,1)(3,2,1)(4,2,1)(5,2,1)	$\varphi(n\alpha,(113 \text{ are } n\beta,(\beta+1)-110)-112)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda \alpha.(2\text{nd }\lambda \beta.(\beta+1)-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (2,2,1)(3,3,0)(2,2,1)(3,3,0)	$\psi(\lambda \alpha.(3\mathrm{rd}\ \lambda \beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,0,0)	$\psi(\lambda\alpha.(\Pi_1 - \lambda\beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,1,0)(2,0,0)$	$\psi(\lambda\alpha.((\Pi_1-)^{\alpha}\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,1,1)	$\psi(\lambda\alpha.((\Pi_1-)^{\Omega_{\alpha+1}}\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,2,0)	$\psi(\lambda \alpha.((\Pi_1-)^{(1,0)}\lambda \beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,2,1)	$\psi(\lambda\alpha.(\Pi_2 \Pi_1 - \lambda\beta.(\beta+1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,2,1)(3,0,0)$	$\psi(\lambda\alpha.(\Pi_1 - \Pi_2 \Pi_1 - \lambda\beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,2,1)(3,2,1)$	$\psi(\lambda\alpha.(\Pi_2 \Pi_1 - \Pi_2 \Pi_1 - \lambda\beta.(\beta+1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,2,1)(4,2,1)$	$\psi(\lambda\alpha.(\Pi_2 - \Pi_2 \Pi_1 - \lambda\beta.(\beta + 1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,2,1)(4,2,1)(5,2,1)$	$\psi(\lambda\alpha.(\Pi_3 \Pi_1 - \lambda\beta.(\beta+1) - \Pi_0) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,2,1)(4,3,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\ \Pi_1-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\Pi_2 \Pi_1 - \lambda\beta.(\beta+1)$
-(3,2,1)(4,3,0)(3,2,1)	$-\Pi_0 \ \Pi_1 - \lambda \beta.(\beta+1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (3,2,1)(4,3,0)(3,2,1)(4,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0\ \Pi_1-)^2\lambda\beta.(\beta+1)-\Pi_0)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,2,1)(4,3,0)(4,2,0)$	$\psi(\lambda \alpha.((\lambda \beta.(\beta+1) - \Pi_0 \Pi_1 -)^{(1,0)} - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,2,1)(4,3,0)(4,2,1)$	$\psi(\lambda\alpha.(\Pi_2 - \lambda\beta.(\beta + 1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,2,1)(4,3,0)(4,2,1)(3,2,1)$	$\psi(\lambda\alpha.(\Pi_2 \Pi_1 - \Pi_2 - \lambda\beta.(\beta + 1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (3,2,1)(4,3,0)(4,2,1)(4,2,1)	$\psi(\lambda\alpha.(\Pi_2 - \Pi_2 - \lambda\beta.(\beta + 1) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (3,2,1)(4,3,0)(4,2,1)(5,2,1)	$\psi(\lambda\alpha.(\Pi_3 - \Pi_2 - \lambda\beta.(\beta + 1) - \Pi_0) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (3,2,1)(4,3,0)(4,2,1)(5,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\ \Pi_2-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,2,1)-(4,3,0)(4,2,1)(5,3,0)(5,2,1)	$\psi(\lambda\alpha.(\Pi_3 - \lambda\beta.(\beta+1) - \Pi_0) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(3,3,0)(3,3,0)$	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0-)^3)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,0,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0-)^{\omega})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,1,0)(2,0,0)$	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,1,1)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0-)^{\Omega_{\alpha+1}})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,2,0)	$\psi(\lambda \alpha.((\lambda \beta.(\beta+1) - \Pi_0 -)^{(1,0)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,2,1)(3,2,1)$	$\psi(\lambda\alpha.(\Pi_2 \Pi_1 - \lambda\beta.(\beta+1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,2,1)(3,2,1)(4,3,0)(5,2,1)(4,2,1)	$\psi(\lambda\alpha.(\Pi_2 - \lambda\beta.(\beta+1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,2,1)(3,3,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-\lambda\beta.(\beta+1)-\Pi_1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_1 \lambda\beta.(\beta+1)$
-(4,2,1)(3,3,0)(4,2,1)	$-\Pi_0 - \lambda \beta.(\beta + 1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,2,1)(4,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_1-\lambda\beta.(\beta+1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,2,1)(5,2,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_2)-\Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,2,1)(5,2,1)(6,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_3)-\Pi_3)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,2,1)(5,3,0)$	$\psi(\lambda \alpha.(\lambda \beta.(\beta+2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,2,1)(5,3,0)(5,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+2)-\Pi_0-\lambda\beta.(\beta+2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,2,1)(5,3,0)(6,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+2)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,2,1)(5,3,0)(6,2,1)(7,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+3)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,3,0)(3,3,0)(4,3,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega)-\Pi_0-\lambda\beta.(\beta+\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(4,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(4,2,1)(5,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega+1)-\Pi_0)-\Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega\cdot 2)-\Pi_0)-\Pi_0)$
-(4,3,0)(4,2,1)(5,3,0)(6,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega\cdot z)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda \alpha.(\lambda \beta.(\beta + \omega^2) - \Pi_0) - \Pi_0)$
-(4,3,0)(4,3,0)	$\varphi(\lambda \alpha.(\lambda \beta.(\beta + \omega) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\Omega)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,0)	φ (πα.(πρ.(μ + τυ) 110)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\alpha)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,0)(2,0,0)	7 ((4 () 0)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\Omega_{\alpha+1})-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,1)	7 ((.) (
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\Omega_{\alpha+2})-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,1)(6,2,1)	7 (7 (7
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\Omega_{\alpha+\omega})-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,1)(6,2,1)(7,0,0)	, ((, (, , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+I_{\alpha+1})-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,1)(6,2,1)(7,2,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\Pi_2-\Pi_2 \text{ aft } \alpha)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,1)(6,2,1)(7,2,1)(8,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\Pi_3 \text{ aft } \alpha)-\Pi_0)-\Pi_0)$
-(5,1,1)(6,2,1)(7,2,1)(8,2,1)(9,2,1)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\lambda\beta.(\beta+1)-\Pi_0 \text{ aft } \alpha)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,1,1)(6,2,1)(7,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)	$\psi(\lambda \alpha.(\lambda \beta.(\beta + \lambda \beta.(\beta + \omega) - \Pi_0 \text{ aft } \alpha) - \Pi_0) - \Pi_0)$
-(5,1,1)(6,2,1)(7,3,0)(8,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0) - (5,1,1)(6,2,1)(7,3,0)(8,3,0)(9,1,1)	$\psi(\lambda \alpha.(\lambda \beta.(\beta + \lambda \beta.(\beta + \alpha) - \Pi_0 \text{ aft } \alpha) - \Pi_0) - \Pi_0)$
$\frac{-(3,1,1)(0,2,1)(7,3,0)(8,3,0)(9,1,1)}{(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)}$	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0) -(5,1,1)(6,2,1)(7,3,0)(8,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\lambda\beta.(\beta+\lambda\beta.(\beta+1)$
-(9,1,1)(10,2,1)(11,3,0)	$-\Pi_0$ aft α) $-\Pi_0$ aft α) $-\Pi_0$) $-\Pi_0$)
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	
-(4,3,0)(5,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta\cdot 2) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	
-(4,3,0)(5,2,0)(4,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta\cdot 2) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)-	
-(5,2,0)(4,2,1)(5,3,0)(6,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta\cdot3)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta\cdot\omega)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta^2) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,2,0)(4,3,0)(5,2,0)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0) - (5,2,0)(4,3,0)(5,2,0)(4,3,0)(5,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta^3) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(5,2,0)(5,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta^{\beta}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(5,2,0)(6,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta^{\beta^{\beta}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(5,2,0)(6,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\Omega_{\beta+1})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(5,2,0)(6,3,1)(7,4,0)	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \beta)) - \Pi_0) - \Pi_0)$
(0,0,0)(3,2,0)(6,3,1)(7,4,0) $(0,0,0)(1,1,1)(2,2,1)(3,3,0)$ $-(4,3,0)(5,2,0)(6,3,1)(7,4,1)$	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \alpha'.(\Omega_{\alpha'+2}) - \Pi_1 \text{ aft } \beta)) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\lambda\alpha'.(\lambda\beta'.(\beta'+1)-\Pi_0)$
-(4,3,0)(5,2,0)(6,3,1)(7,4,1)(8,5,0)	$-\Pi_0 \text{ aft } \beta)) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)-	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \alpha'.(\lambda \beta'.(\beta'+\omega)-\Pi_0))$
-(5,2,0)(6,3,1)(7,4,1)(8,5,0)(9,5,0)	$-\Pi_0 \text{ aft } \beta)) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0) - (5,2,0)(6,3,1)(7,4,1) - (8,5,0)(9,5,0)(10,4,0)	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \alpha'.(\lambda \beta'.(\beta' \cdot 2) - \Pi_0) - \Pi_0) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)- $-(5,2,0)(6,3,1)(7,4,1)(8,5,0)-$ $-(9,5,0)(10,4,0)(11,5,0)$	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \alpha'.(\lambda \beta'.(\psi_{\Omega_{\beta'+1}}(\Omega_{\beta'+1})) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\lambda\alpha'.(\lambda\beta'.(\psi_{\Omega_{\beta'+1}}$
-(5,2,0)(6,3,1)(7,4,1)(8,5,0)(9,5,0)-	$(\lambda \alpha''.(\lambda \beta''.(\beta''+1) - \Pi_0)$
-(10,4,0)(11,5,1)(12,6,1)(13,7,0)	$-\Pi_0 \text{ aft } \beta') - \Pi_0 - \Pi_0 \text{ aft } \beta) - \Pi_0 - \Pi_0$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,3,0)(5,2,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(5,2,1)(4,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}) - \Pi_2) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0) - (5,2,1)(4,2,1)(5,3,0)(6,3,0)(7,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}\cdot 2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0)- $-(5,2,1)(4,2,1)(5,3,0)(6,3,0)(7,2,1)-$ $-(6,2,1)(7,3,0)(8,3,0)(9,2,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}\cdot 3)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(5,2,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}\cdot\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(5,2,1)(4,3,0)(5,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}^2) - \Pi_0) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,3,0)(5,2,1)(6,3,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+2})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,3,0)(5,2,1)(6,3,0)(7,3,0)$	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+2}}(\psi_{\Omega_{\beta+3}}(\Omega_{\beta+2}))) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)- $-(4,3,0)(5,2,1)(6,3,0)(7,3,0)(8,2,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\psi_{\Omega_{\beta+3}}(\psi_{\Omega_{\beta+3}}(\Omega_{\beta+1}))))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,3,0) - (5,2,1)(6,3,0)(7,3,0)(8,2,1)(9,3,0)	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+2}}(\psi_{\Omega_{\beta+3}}(\psi_{\Omega+3}($
(0,0,0)(1,1,1)(2,2,1)(3,3,0) - (4,3,0)(5,3,0)	$(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+2})))) - \Pi_0) - \Pi_0)$ $\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+2}}(\psi_{\Omega_{\beta+3}}(\psi_{\Omega_{\beta+3}}(\Omega_{\beta+2})))) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,4,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+3})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+2})-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(2,2,1)	$\psi(\lambda\alpha.(\Pi_2 \text{ aft } \lambda\beta.(\Omega_{\beta+2}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-\lambda\beta.(\Omega_{\beta+2})-\Pi_1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,0)(4,3,0)(5,2,1)	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+1}) - \Pi_1 - \lambda \beta.(\Omega_{\beta+2}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(3,3,0)(4,3,0)(5,2,1)(6,3,1)$	$\psi(\lambda\alpha.((\lambda\beta.(\Omega_{\beta+2})-\Pi_1-)^2)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,0) - (4,3,0)(5,2,1)(6,3,1)(4,2,1)(5,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+2}\cdot 2) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,0) - (4,3,0)(5,2,1)(6,3,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+2}\cdot\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,0) - (4,3,0)(5,2,1)(6,3,1)(6,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+3}}(\Omega_{\beta+3})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(3,3,0)(4,4,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+3}}(\Omega_{\beta+4})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+3}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(3,3,1)(3,3,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+4})-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,0,0)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+\omega})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)- $-(3,3,1)(4,1,0)(2,0,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+\alpha})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,1,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+\Omega_{\alpha+1}})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta\cdot2}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\Omega_{\beta+1}}) - \Pi_0) - \Pi_0)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	ch() c. () 8 (Q) H) H)
-(4,2,1)(5,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\Omega_{\beta+2}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$g(X_{\Omega}, (X_{\Omega}, (X_$
-(4,2,1)(5,3,1)(6,2,1)	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\Omega_{\Omega_{\beta+1}}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,3,0)	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{I_{\beta+1}}(I_{\beta+1})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{I_{\beta+1}}(I_{\beta+1}\cdot 2))-\Pi_0)-\Pi_0)$
-(4,3,0)(3,3,1)(4,3,0)	$\varphi(\lambda\alpha.(\lambda\beta.(\psi_{I_{\beta+1}}(I_{\beta+1}, 2))))))))))))$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{I_{\beta+1}}(\Omega_{I_{\beta+1}+1})) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,4,0)	$\psi(\mathcal{M},(\mathcal{M}),(\psi_{I_{\beta+1}}(\mathfrak{s}_{I_{\beta+1}+1})))$ $\mathfrak{s}_{10})$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(I_{\beta+1}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{I_{\beta+1}+1})-\Pi_1)-\Pi_1)$
-(4,3,1)(3,3,1)	$\varphi(\lambda a.(\lambda \beta.(32I_{\beta+1}+1)-111)-111)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(I_{\beta+2})-\Pi_1)-\Pi_1)$
-(4,3,1)(3,3,1)(4,3,1)	φ (Nex. (Np. (1p+2) 111) 111)
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_1 - \Pi_2 \Pi_1 - \Pi_2 \text{ aft } \beta) - \Pi_0) - \Pi_0)$
-(4,3,1)(4,0,0)	7 (1.00) (1.01 (1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\Pi_1-)^{\alpha}\Pi_2\ \Pi_1-\Pi_2\ \text{aft}\ \beta)-\Pi_0)-\Pi_0)$
-(4,3,1)(4,1,0)(2,0,0)	, ((, ((1 ,) 2 1 2 , ,) 3) 3)
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.((\Pi_1-)^{\beta}\Pi_2 \Pi_1 - \Pi_2 \text{ aft } \beta) - \Pi_0) - \Pi_0)$
-(4,3,1)(4,2,0)	, ((, ((1) 2 1 2 ,) 3) 3)
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.((\Pi_1-)^{\Omega_{\beta+1}}\Pi_2 \Pi_1 - \Pi_2 \text{ aft } \beta) - \Pi_0) - \Pi_0)$
-(4,3,1)(4,2,1)	и предоставления
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\Pi_1-)^{\Pi_2 \Pi_1-\Pi_2 \text{ aft } \beta})))$
-(4,3,1)(4,2,1)(5,3,1)(6,3,1)	$\Pi_2 \Pi_1 - \Pi_2 \text{ aft } \beta) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.((\Pi_1-)^{(1,0)}\Pi_2 \Pi_1 - \Pi_2 \text{ aft } \beta) - \Pi_0) - \Pi_0)$
-(4,3,1)(4,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,3,1)(4,3,1)	$\psi(\lambda \alpha.(\lambda \beta.(\Pi_2 \Pi_1 - \Pi_2 \Pi_1 - \Pi_2 \operatorname{aft} \beta) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_2\ \Pi_1-\Pi_2$
-(4,3,1)(4,3,1)(4,3,1)	$\Pi_1 - \Pi_2 \Pi_1 - \Pi_2 \text{ aft } \beta) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	
-(4,3,1)(5,1,0)(2,0,0)	$\psi(\lambda \alpha.(\lambda \beta.((\Pi_2 \Pi_1 -)^{\alpha} \text{ aft } \beta) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	(1) (1) 2 (/17 77 18 6, 2) 7 7 7
-(4,3,1)(5,2,0)	$\psi(\lambda \alpha.(\lambda \beta.((\Pi_2 \Pi_1 -)^\beta \text{ aft } \beta) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.((\Pi_2 \Pi_1 -)^{(1,0)} \text{ aft } \beta) - \Pi_0) - \Pi_0)$
-(4,3,1)(5,3,0)	
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\Pi_2 - \Pi_2 \text{ aft } \beta) - \Pi_1) - \Pi_1)$
-(4,3,1)(5,3,1)	

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,3,1)(5,3,1)(5,3,1)$	$\psi(\lambda \alpha.(\lambda \beta.(\Pi_2 - \Pi_2 - \Pi_2 \text{ aft } \beta) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,3,1)(5,3,1)(6,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_3 \text{ aft } \beta) - \Pi_2) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,3,1)(5,3,1)(6,3,1)(7,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_4 \text{ aft } \beta) - \Pi_3) - \Pi_3)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,4,0)	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\gamma+1) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0$
-(4,4,0)(2,2,0)	$-\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,4,0)(2,2,1)	$\psi(\lambda\alpha.(\Pi_2 \text{ aft } \lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,4,0)(3,0,0)	$\psi(\lambda\alpha.(\Pi_1 - \lambda\beta.(\lambda\gamma.(\gamma + 1) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0$
-(4,4,0)(3,3,0)	$-\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,4,0)(3,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_2 \text{ aft } \lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,4,0)(3,3,1)(4,4,0)$	$\psi(\lambda \alpha.(\lambda \beta.(2\text{nd }\lambda \gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,4,0)(4,0,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_1 - \lambda\gamma.(\gamma + 1) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,4,0)(4,3,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_2 \Pi_1 - \lambda\gamma.(\gamma + 1) - \Pi_0) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)$
-(4,4,0)(4,3,1)(5,4,0)	$-\Pi_0 \ \Pi_1 - \lambda \gamma . (\gamma + 1) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,4,0)(4,3,1)(5,4,0)(5,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_2 - \lambda\gamma.(\gamma + 1) - \Pi_0) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0$
-(4,4,0)(4,4,0)	$-\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,4,0)(5,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,4,0)(5,4,0)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+2)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,4,0)(5,4,0)(6,3,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\Omega_{\gamma+1}) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,4,1)	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma+2}) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1) - (4,4,1)(4,4,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\Omega_{\gamma+3}) - \Pi_1) - \Pi_1) - \Pi_1)$

BMS	稳定 OCF
(0,0,0)(1,1,1)(2,2,1)(3,3,1)- $-(4,4,1)(5,4,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(I_{\gamma+1}) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\Pi_2\ \Pi_1-\Pi_2\ \Pi_1-\Pi_2$
-(4,4,1)(5,4,1)(5,4,1)	$aft \gamma) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Pi_2 - \Pi_2 \text{ aft } \gamma) - \Pi_1) - \Pi_1) - \Pi_1)$
-(4,4,1)(5,4,1)(6,4,1)	$\varphi(\lambda a.(\lambda \beta.(\lambda f.(\Pi_2 - \Pi_2 a.\Pi_2 f) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\Pi_3 \text{ aft } \gamma) - \Pi_2) - \Pi_2) - \Pi_2)$
-(4,4,1)(5,4,1)(6,4,1)(7,4,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(113 \text{ art } \gamma)-112)-112)-112)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\lambda \delta.(\delta+1) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,4,1)(5,5,0)	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\lambda 0.(0+1)-110)-110)-110)-110)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\lambda \delta.(\Omega_{\delta+2}) - \Pi_1) - \Pi_1) - \Pi_1) - \Pi_1)$
-(4,4,1)(5,5,1)	$\psi(\wedge\alpha.(\wedge\beta.(\wedge\beta.(\lambda\beta.(22\delta+2)-111)-111)-111)-111)$
(0,0,0)(1,1,1)(2,2,1)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\lambda\delta.(\lambda\epsilon.(\epsilon+1)$
-(4,4,1)(5,5,1)(6,6,0)	$-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)	$\psi(\omega-\pi-\Pi_0)$
	p.f.e.c.LRO

A.14 BMS vs 方括号稳定 (梅天狸.ver)

本节的结果主要引自[6,32-37]。

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)	$\psi(\omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,0)	$\psi((\omega-\pi-\Pi_0)\cdot\Omega)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)	$\psi(1-(\omega-\pi-\Pi_0))$
(0,0,0)(1,1,1)(2,2,2)- $-(2,1,1)(3,1,0)(2,0,0)$	$\psi((1-)^{1,0} (\omega - \pi - \Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,1,1)	$\psi(2\ 1-(\omega-\pi-\Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0)\ 1-(\omega-\pi-\Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,0)(4,2,0)(5,1,0)(2,0,0)$	$\psi((\lambda\alpha.(\alpha\cdot 2)-\Pi_0)\ 1-(\omega-\pi-\Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,0)(4,2,0)(5,1,1)$	$\psi((\lambda\alpha.(\Omega_{\alpha+1})-\Pi_1)\ 1-(\omega-\pi-\Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,1)	$\psi((\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1)\ 1-(\omega-\pi-\Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,2)	$\psi((\omega - \pi - \Pi_0) \ 1 - (\omega - \pi - \Pi_0))$

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	BMS	方括号稳定
$\begin{array}{c} -(2,1,1)(3,2,2)(3,1,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,1,1) \\ -(3,2,2)(3,1,1)(4,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(2,1,1) \\ -(3,2,2)(3,1,1)(4,2,2)(4,1,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2) \\ -(3,1,1)(4,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2) \\ -(3,1,1)(4,2,2)(3,1,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2)(4,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2)(4,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0)(5,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0)(5,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0)(5,2,1)(6,3,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1) \\ \hline \\ (0,0,0)(1,$	(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-2-(\omega-\pi-\Pi_0))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-(2,1,1)(3,2,2)(3,1,1)	
$\begin{array}{c} -(3,2;2)(3,1,1)(4,2,2)\\ (0,0,0)(1,1,1)(2,2,2)(2,1,1)\\ -(3,2,2)(3,1,1)(4,2,2)(4,1,1) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,1,1)(4,2,2) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,1,1)(4,2,2) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,1,1)(4,2,2)(3,1,1) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,1,1)(4,2,2)(3,1,1) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,1,1)(4,2,2)(2,2,0)\\ \hline \\ -(3,1,1)(4,2,2)(2,2,0) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,1,1)(4,2,2)(2,2,0)\\ \hline \\ -(3,1,1)(4,2,2)(2,2,0) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,2,0)(4,1,0)(2,0,0) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,2,0)(4,1,0)(5,2,0) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,2,0)(4,1,0)(5,2,1)(6,3,2) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,2,0)(4,1,1) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,2,0)(4,1,1)(5,2,0) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,2,0)(4,1,1)(5,2,1) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,0,0)\\ \hline \\ -(3,2,0)(4,1,1)(5,2,1) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,2,0)(4,1,1)(5,2,1) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,2,0)(4,1,1)(5,2,1) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)\\ \hline \\ -(3,2,0)(4,1,1)(5,2,1) \end{array} \\ \hline \\ (0,0,0)(1,1,1)(2,2,2$	(0,0,0)(1,1,1)(2,2,2)(2,1,1)-	$\psi((\omega-\pi-\Pi_0)\ 2-(\omega-\pi-\Pi_0))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-(3,2,2)(3,1,1)(4,2,2)	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\eta/(1-3-(\omega-\pi-\Pi_2))$
$\begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2)(3,1,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2)(3,1,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2)(4,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,1,1)(4,2,2)(4,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0)(2,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0)(5,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ (0,0,0)(1,1,$	-(3,2,2)(3,1,1)(4,2,2)(4,1,1)	, (- (- 0))
$\begin{array}{lll} & -(3,1,1)(4,2,2) & (\lambda\alpha.(\alpha+1)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,1,1)(4,2,2)(3,1,1) & \psi(1-(\lambda\alpha.(\alpha+1)-\Pi_1)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,1,1)(4,2,2)(4,2,0) & \psi((\lambda\alpha.(\alpha+2)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,0)(2,0,0) & \psi((\lambda\alpha.(\alpha+\omega)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,0)(5,2,0) & \psi((\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,0)(5,2,1)(6,3,2) & -\Pi_0)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1) & \psi((\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1) & \psi((\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1) & \psi((\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(0))-\Pi_0)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1)(5,2,1) & \psi((\lambda\alpha.(\psi_{\Omega_{\alpha+2}}((\lambda\beta.(\beta+1)-\Pi_0)-(\omega-\pi-\Pi_0))) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1)(5,2,1) & \psi((\lambda\alpha.(\chi_{\alpha+2}(0)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ & \psi((\lambda\alpha.(\chi_{\alpha+2}(0)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1)(5,2,1)(6,2,1) & \psi((\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_1)-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1)(5,2,1)(6,3,0) & -\Pi_0-\Pi_0-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1)(5,2,1)(6,3,0) & -\Pi_0-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1)(5,2,1)(6,3,0) & -\Pi_0-(\omega-\pi-\Pi_0)) \\ & (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ & -(3,2,0)(4,1,1)(5,2,1)(6,3,0) & -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ & (0,0,0)(1,1,1$	(0,0,0)(1,1,1)(2,2,2)(2,2,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0)-(\omega-\pi-\Pi_0))$
$\begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,1,1)(4,2,2)(3,1,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,1,1)(4,2,2)(4,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(2,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(5,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(5,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(5,2,1)(6,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(2,2,2)(2,2,0)-\\ $	(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi((\omega-\pi-\Pi_0)$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-(3,1,1)(4,2,2)	$(\lambda \alpha.(\alpha+1) - \Pi_0) - (\omega - \pi - \Pi_0))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi(1-(\lambda\alpha.(\alpha+1)-\Pi_1)-(\omega-\pi-\Pi_0))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-(3,1,1)(4,2,2)(3,1,1)	
$\begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) & \psi((\lambda\alpha.(\alpha+\omega)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(2,0,0) & \psi((\lambda\alpha.(\alpha+2)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(5,2,0) & \psi((\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(5,2,1)(6,3,2) & -\Pi_0)-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1) & \psi((\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\omega-\pi-\Pi_0))-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,0) & \psi((\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(0))-\Pi_0)-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(4,1,1)(5,2,0)(6,3,1)(7,4,2)(7,4,0) & -(\omega-\pi-\Pi_0))-\Pi_0)-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1) & \psi((\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(0))-\Pi_0)-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1) & \psi((\lambda\alpha.(I_{\alpha+1})-\Pi_1)-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1) & \psi((\lambda\alpha.(I_{\alpha+1})-\Pi_1)-(\omega-\pi-\Pi_0)) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) & \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-(\omega-\pi-\Pi_0))) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) & \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-(1,1)(-1$		$\psi((\lambda\alpha.(\alpha+2)-\Pi_0)-(\omega-\pi-\Pi_0))$
$\begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(2,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(5,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,0)(5,2,1)(6,3,2) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(4,1,1)(5,2,0)(6,3,1)(7,4,2)(7,4,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)($	-(3,1,1)(4,2,2)(4,2,0)	, ((, , , , , , , , , , , , , , , , ,
$\begin{array}{c} -(3,2,0)(4,1,0)(2,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0)(5,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,0)(5,2,1)(6,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(4,1,1)(5,2,0)(6,3,1)(7,4,2)(7,4,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1)(6,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ -(3,2,0)(4,1,1)(5,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) \\ \hline (0,0,0)(1,1,1)$	(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)	$\psi((\lambda\alpha.(\alpha+\omega)-\Pi_0)-(\omega-\pi-\Pi_0))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\psi((\lambda \alpha.(\alpha \cdot 2) - \Pi_0) - (\omega - \pi - \Pi_0))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		γ ((······(σ 2) 120) (·· ·· ·· 120))
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\psi((\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)) - \Pi_0) - (\omega - \pi - \Pi_0))$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		·
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$-\Pi_0)-(\omega-\pi-\Pi_0))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\psi((\lambda\alpha.(\Omega_{\alpha+1})-\Pi_1)-(\omega-\pi-\Pi_0))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\psi((\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(0))-\Pi_0)-(\omega-\pi-\Pi_0))$
$\begin{array}{lll} -(4,1,1)(5,2,0)(6,3,1)(7,4,2)(7,4,0) & -(\omega-\pi-\Pi_0)) - (\omega-\pi-\Pi_0)) \\ -(3,2,0)(4,1,1)(5,2,1) & \psi((\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1)-(\omega-\pi-\Pi_0)) \\ -(3,2,0)(4,1,1)(5,2,1) & \psi((\lambda\alpha.(I_{\alpha+1})-\Pi_1)-(\omega-\pi-\Pi_0)) \\ -(3,2,0)(4,1,1)(5,2,1)(6,2,1) & \psi((\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_1)-(\omega-\pi-\Pi_0)) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) & \psi((\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) & \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ -(4,1,1)(5,2,1)(6,3,1)(7,4,0) & \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0)) \\ \end{array}$		$\psi((\lambda \alpha, (\psi_0, (\lambda \beta, (\beta + 1) - \Pi_0))))$
$\begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1) \end{array} \\ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,2,1) \end{array} \\ \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \end{array} \\ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \end{array} \\ \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \end{array} \\ \begin{array}{c} \psi((\lambda\alpha.(I_{\alpha+1})-\Pi_1)-(\omega-\pi-\Pi_0))\\ \psi((\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0))\\ \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0)) \end{array} \\ \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-\\ -(4,1,1)(5,2,1)(6,3,1)(7,4,0) \end{array} \\ \begin{array}{c} \psi((\lambda\alpha.(\Pi_{\alpha+1})-\Pi_1)-(\omega-\pi-\Pi_0))\\ \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0))\\ \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0)) \end{array} \\ \end{array}$		γ (((γα+2 ((γ (γ γ γ γ γ γ γ γ γ γ γ γ γ γ γ γ
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,2,1) \end{array} \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)-\\ -(3,2,0)(4,1,1)(5,2,1)(6,3,0) \end{array} \\ \begin{array}{c} \psi((\lambda\alpha.(I_{\alpha+1})-\Pi_1)-(\omega-\pi-\Pi_0))\\ \psi((\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0))\\ \psi((\lambda\alpha.(\lambda\beta.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0))) \end{array} \\ \\ (0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-\\ -(4,1,1)(5,2,1)(6,3,1)(7,4,0) \end{array} \\ \begin{array}{c} \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0))\\ \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0)) \end{array} \\ \end{array}$		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\psi((\lambda \alpha.(I_{\alpha+1}) - \Pi_1) - (\omega - \pi - \Pi_0))$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		$\psi((\lambda\alpha.(\lambda\beta.(\beta+1)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) - \\ -(4,1,1)(5,2,1)(6,3,1)(7,4,0) \end{array} \qquad \psi((\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1) - \Pi_0) - \Pi_0) - \Pi_0) - (\omega - \pi - \Pi_0)) $		$-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0))$
$-(4,1,1)(5,2,1)(6,3,1)(7,4,0) -\Pi_0) - \Pi_0) - \Pi_0) - (\omega - \pi - \Pi_0))$	(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	
$(0,0,0)(1,1,1)(2,2,2)(2,2,0)$ - $\psi((\lambda\alpha.(\omega-\pi-\Pi_0)$		$-\Pi_0)-\Pi_0)-\Pi_0)-(\omega-\pi-\Pi_0))$
	(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi((\lambda \alpha.(\omega - \pi - \Pi_0$
$-(3,2,0)(4,1,1)(5,2,2) aft \alpha) - \Pi_0) - (\omega - \pi - \Pi_0))$	-(3,2,0)(4,1,1)(5,2,2)	aft α) – Π_0) – $(\omega - \pi - \Pi_0)$)
$(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) - \psi((\lambda\alpha.(\alpha+1)-\Pi_0)-(\lambda\alpha.(\omega-\pi-\Pi_0))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\omega-\pi-\Pi_0)))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\omega-\pi-\Pi_0))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\omega-\pi-\Pi_0)))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\alpha-\pi-\Pi_0)))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\alpha-\pi-\Pi_0))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\alpha-\pi-\Pi_0)))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\alpha-\pi-\Pi_0)))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\alpha-\pi-\Pi_0)))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\alpha-\pi-\Pi_0)))) - \psi((\lambda\alpha.(\alpha+\pi-\Pi_0)-(\lambda\alpha.(\alpha-\pi-\Pi_0)))) - \psi((\alpha-\pi-\Pi_0)-(\alpha-\pi-\Pi_0))) - \psi((\alpha-\pi-\Pi_0)-(\alpha-\pi-\Pi_0)) - \psi((\alpha-\pi-\Pi_0)-(\alpha-\pi-\Pi_0)) - \psi((\alpha-\pi-\Pi_0)-(\alpha-\pi-\Pi_0))) - \psi((\alpha-\pi-\Pi_0)-(\alpha-\pi-\Pi_0)) - \psi((\alpha-\pi-\Pi_0)$	(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0)-(\lambda\alpha.(\omega-\pi-\Pi_0)$
$-(4,1,1)(5,2,2)(2,2,0)$ aft α) $-\Pi_0$) $-(\omega-\pi-\Pi_0)$)	-(4,1,1)(5,2,2)(2,2,0)	aft α) $-\Pi_0$) $-(\omega-\pi-\Pi_0)$)

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi((\lambda \alpha.(\omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
-(4,1,1)(5,2,2)(2,2,0)-	$-(\lambda lpha.(\omega-\pi-\Pi_0$
-(3,2,0)(4,1,1)(5,2,2)	aft α) – Π_0) – $(\omega - \pi - \Pi_0)$)
(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	υ(() . (Π . () Π .)ω)
-(3,2,0)(4,1,1)(5,2,2)(3,0,0)	$\psi((\lambda \alpha.(\omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0 -)^{\omega})$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi((\lambda \alpha.(\omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0 -)^{1,0})$
-(4,1,1)(5,2,2)(3,1,0)(2,0,0)	$\varphi((\lambda \alpha, (\omega + 110) \text{ are } \alpha) + 110)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(1-(\lambda\alpha.(\omega-\pi-\Pi_0 \text{ aft } \alpha)-\Pi_1))$
-(4,1,1)(5,2,2)(3,1,1)	φ(1 (/α.(ω // 11) α.(α α τη 11))
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0 \text{ aft } \alpha)+1)-\Pi_0)$
-(4,1,1)(5,2,2)(3,1,1)(4,2,0)	, ((0 , , ,) 0)
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0 \text{ aft } \alpha)\cdot 2)-\Pi_0)$
-(4,1,1)(5,2,2)(3,1,1)(4,2,2)	/// / / . //
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)	$\psi((\lambda\alpha.(\alpha+1)-\Pi_0)-(\lambda\alpha.((\omega-\pi-\Pi_0)$
-(4,1,1)(5,2,2)(3,1,1)(4,2,2)(2,2,0)	aft α) · 2) $-\Pi_0$))
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi((\lambda \alpha.((\omega - \pi - \Pi_0 \text{ aft } \alpha) + 1) - \Pi_0)$
-(4,1,1)(5,2,2)(3,1,1)(4,2,2)(4,2,0)	$-(\lambda \alpha.((\omega - \pi - \Pi_0 \text{ aft } \alpha) \cdot 2) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,2)(3,1,1)(4,2,2)(4,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0 \text{ aft } \alpha)\cdot 3)-\Pi_0)$
-(5,2,0)(6,1,1)(7,2,2)(5,1,1)(6,2,2)	
(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0 \text{ aft } \alpha)\cdot\omega)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,2)(3,2,0)	φ(παπ((ω π πη απτ αγ ω) πη)
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0 \text{ aft } \alpha)\cdot\omega^2)-\Pi_0)$
-(4,1,1)(5,2,2)(3,2,0)(3,2,0)	7 (· · · · (· · · · · · · · · · · · ·
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0 \text{ aft } \alpha)\cdot\alpha)-\Pi_0)$
-(4,1,1)(5,2,2)(3,2,0)(4,1,0)(2,0,0)	, (, ((,))
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.((\omega - \pi - \Pi_0 \text{ aft } \alpha) \cdot \Omega_{\alpha+1}) - \Pi_0)$
-(4,1,1)(5,2,2)(3,2,0)(4,1,1)	, (((0 , 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0 \text{ aft } \alpha)^2)-\Pi_0)$
-(4,1,1)(5,2,2)(3,2,0)(4,1,1)(5,2,2)	
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0 \text{ aft } \alpha)^{\alpha})-\Pi_0)$
-(4,1,1)(5,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0 \text{ aft }$
-(4,1,1)(5,2,2)(4,1,1)	$(\alpha)^{\Omega_{\alpha+1}} - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.((\omega - \pi - \Pi_0 \text{ aft } \alpha)^{(\omega - \pi - \Pi_0 \text{ aft } \alpha)}) - \Pi_0)$
-(4,1,1)(5,2,2)(4,1,1)(5,2,2)	γ (······((ω '' 110) ωτο ω)) 110)
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.((1-)^{1,0} \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
-(4,1,1)(5,2,2)(5,2,0)	

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(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.((1-)^{2,0} \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
-(4,1,1)(5,2,2)(5,2,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda\alpha.((1-)^{3,0} \text{ aft } \omega-\pi-\Pi_0 \text{ aft } \alpha)-\Pi_0)$
-(4,1,1)(5,2,2)(5,2,0)(6,2,0)(6,2,0)	φ (×tot ((1) tot 0) 120 στο στ) 120)
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	
-(4,1,1)(5,2,2)(5,2,0)-	$\psi(\lambda \alpha.((1-)^{\alpha,0} \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
-(6,2,0)(7,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.((1-)^{\Omega_{\alpha+1},0} \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
-(4,1,1)(5,2,2)(5,2,0)(6,2,0)(7,1,1)	$\varphi(n\alpha.((1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)-	$\psi(\lambda \alpha.((1-)^{\omega-\pi-\Pi_0} \text{ aft } \alpha.0$
-(4,1,1)(5,2,2)(5,2,0)-	aft $\omega - \pi - \Pi_0$ aft α) – Π_0)
-(6,2,0)(7,1,1)(8,2,2)	art $\omega = \pi - \Pi_0$ art $\alpha_j = \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi(\lambda \alpha.((1-)^{1,0,0} \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
-(3,2,0)(4,2,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi(\lambda\alpha.((1-)^{1@(1,0)}$
-(3,2,0)(4,2,0)(5,2,0)	aft $\omega - \pi - \Pi_0$ aft α) – Π_0)
(0,0,0)(1,1,1)(2,2,2)(2,2,1)	$\psi(\lambda \alpha.(2 \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,0,0)	$\psi(\lambda \alpha.(1-2 \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
(0.0.0)(1.1.1)(0.0.0)(0.0.1)(9.0.0)	$\psi(\lambda\alpha.((1-)^{1,0}\ 2\ \mathrm{aft}\ \omega-\pi-\Pi_0$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,2,0)	aft α) – Π_0)
(0.0.0)(1.1.1)(0.0.0)(0.0.1)(0.0.1)	$\psi(\lambda\alpha.(2\ 1-2\ \mathrm{aft}\ \omega-\pi-\Pi_0$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,2,1)	aft α) $-\Pi_1$)
	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,0)	aft $\omega - \pi - \Pi_0$ aft α) – Π_0)
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)	$\psi(\lambda \alpha.(2\text{nd }\omega - \pi - \Pi_0 \text{ aft }\alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(0,3,2)	7 (
-(3,3,2)(2,2,1)	$\psi(\lambda \alpha.(2 \text{ aft } 2\text{nd } \omega - \pi - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	
-(3,3,2)(2,2,1)(3,3,2)	$\psi(\lambda\alpha.(3\mathrm{rd}\ \omega-\pi-\Pi_0)-\Pi_0)$
$\frac{-(3,3,2)(2,2,1)(3,3,2)}{(0,0,0)(1,1,1)(2,2,2)(2,2,1)}$	
-(3,3,2)(3,0,0)	$\psi(\lambda\alpha.(1-(\omega-\pi-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	
-(3,3,2)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.((1-)^{\alpha} (\omega - \pi - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	
-(3,3,2)(3,1,1)(4,2,2)	$\psi(\lambda\alpha.((1-)^{\omega-\pi-\Pi_0} (\omega-\pi-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)	
-(3,3,2)(3,2,0)	$\psi(\lambda \alpha.((1-)^{1,0} (\omega - \pi - \Pi_0)) - \Pi_0)$
(0,0,2)(0,2,0)	

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(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,2,1)	$\psi(\lambda\alpha.(2\ 1-(\omega-\pi-\Pi_0))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,2,1)(3,2,0)	$\psi(\lambda\alpha.((2\ 1-)^{1,0}\ (\omega-\pi-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\lambda \alpha.(2-2\ 1-(\omega-\pi-\Pi_0))-\Pi_1)$
$ \begin{array}{c} -(3,3,2)(3,2,1)(3,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,1) - \end{array} $	$\psi(\lambda\alpha.((2-)^{\alpha}\ 1-(\omega-\pi-\Pi_{0}))-\Pi_{0})$
$ \begin{array}{c} -(3,3,2)(3,2,1)(4,1,0)(2,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,1) - \end{array} $	$\psi(\lambda \alpha.((2-)^{1,0} \ 1 - (\omega - \pi - \Pi_0)) - \Pi_0)$
$ \begin{array}{c} -(3,3,2)(3,2,1)(4,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,1) - \end{array} $	$\psi(\lambda\alpha.((2-)) = \Pi_0) = \Pi_0)$ $\psi(\lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0)$
-(3,3,2)(3,2,1)(4,3,0)	$\frac{1 - (\omega - \pi - \Pi_0)) - \Pi_0)}{\psi(\lambda \alpha.((\omega - \pi - \Pi_0))}$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,2,1)(4,3,2)	$1-(\omega-\pi-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1) - (3,3,2)(3,2,1)(4,3,2)(4,2,0)	$\psi(\lambda \alpha.(((\omega - \pi - \Pi_0)) - \Pi_0))$ $1 -)^{1,0} (\omega - \pi - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,2,1)(4,3,2)(4,2,1)	$\psi(\lambda\alpha.(2-(\omega-\pi-\Pi_0))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,3,0)	$\psi(\lambda \alpha.((\lambda \beta.(\beta+1) - \Pi_0)) - (\omega - \pi - \Pi_0)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,3,0)(4,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+\omega)-\Pi_0)-(\omega-\pi-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,3,0)(4,3,0)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+\alpha)-\Pi_0)-(\omega-\pi-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2) - (3,3,0)(4,3,0)(5,2,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta\cdot 2)-\Pi_0)-(\omega-\pi-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2) - (3,3,0)(4,3,0)(5,2,1)	$\psi(\lambda\alpha.((\lambda\beta.(\Omega_{\beta+1})-\Pi_1)-(\omega-\pi-\Pi_0))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2) - (3,3,0)(4,3,0)(5,2,1)(6,3,1)	$\psi(\lambda\alpha.((\lambda\beta.(\Omega_{\beta+2})-\Pi_1)-(\omega-\pi-\Pi_0))-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)$
$ \begin{array}{c} -(3,3,0)(4,3,0)(5,2,1)(6,3,1)(7,4,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2) - \end{array} $	$-(\omega - \pi - \Pi_0)) - \Pi_0)$ $\psi(\lambda \alpha.((\lambda \beta.(\omega - \pi - \Pi_0 \text{ aft } \beta) - \Pi_0))$
-(3,3,0)(4,3,0)(5,2,1)(6,3,2) $(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-$	$-(\omega - \pi - \Pi_0)) - \Pi_0)$ $\psi(\lambda \alpha.((\lambda \beta.(\omega - \pi - \Pi_0 \text{ aft } \beta) - \Pi_0))$
-(3,3,0)(4,3,0)(5,2,1)(6,3,2)-	$-(\lambda \beta.(\omega - \pi - \Pi_0 \text{ aft } \beta) - \Pi_0)$
-(3,3,0)(4,3,0)(5,2,1)(6,3,2)	$-(\omega-\pi-\Pi_0))-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\omega-\pi-\Pi_0 \text{ aft } \beta)-\Pi_0-)^{\alpha})$
-(3,3,0)(4,3,0)(5,2,1)-	$(\omega - \pi - \Pi_0) - \Pi_0$
-(6,3,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\omega-\pi-\Pi_0 \text{ aft } \beta)-\Pi_0-)^{1,0})$
-(3,3,0)(4,3,0)(5,2,1)(6,3,2)(4,2,0)	$(\omega-\pi-\Pi_0))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0$
-(3,3,0)(4,3,0)(5,2,1)(6,3,2)(4,2,1)	aft β) $-\Pi_1$) $-\Pi_1$)
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0$
-(3,3,0)(4,3,0)(5,2,1)(6,3,2)(4,3,0)	aft β) + 1) - Π_0) - Π_0)
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.((1-)^{1,0}))$ aft
-(3,3,0)(4,3,0)(5,2,1)(6,3,2)(6,3,0)	$(\omega - \pi - \Pi_0 \text{ aft } \beta)) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.((1-)^{1,0,0}))$ aft
-(3,3,0)(4,3,0)(5,3,0)	$(\omega - \pi - \Pi_0 \text{ aft } \beta)) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(2 \text{ aft})$
-(3,3,2)(3,3,1)	$(\omega - \pi - \Pi_0 \text{ aft } \beta)) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\lambda \alpha.(\lambda \beta.(2\text{nd }\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,3,2)(3,3,1)(4,4,2)	$\psi(\lambda\alpha.(\lambda\beta.(2\operatorname{Id}\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda \alpha.(\lambda \beta.(3\text{rd }\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,4,2)(3,3,1)(4,4,2)	
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.((1-)^{\alpha}(\omega-\pi-\Pi_{0}))-\Pi_{0})-\Pi_{0})$
-(3,3,1)(4,4,2)(4,1,0)(2,0,0)	, ((, (,) ()), (), (), (), ()
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda \alpha.(\lambda \beta.((1-)^{\beta} (\omega - \pi - \Pi_0)) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,4,2)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2) - (3,3,1)(4,4,2)(4,3,0)	$\psi(\lambda \alpha.(\lambda \beta.((1-)^{1,0} (\omega - \pi - \Pi_0)) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.((\lambda\gamma.(\gamma+1)-\Pi_0)$
-(3,3,1)(4,4,2)(4,4,0)	
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$-(\omega-\pi-\Pi_0))-\Pi_0)-\Pi_0)$
$(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)^2$ -(3,3,1)(4,4,2)(4,4,0)-	$\psi(\lambda \alpha.(\lambda \beta.((\lambda \gamma.(\omega - \pi - \Pi_0 \text{ aft } \gamma) - \Pi_0))$
-(5,4,0)(6,3,1)(7,4,2)	$-(\omega-\pi-\Pi_0))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(2\mathrm{nd}$
-(3,3,1)(4,4,2)(4,4,1)(5,5,2)	$\omega - \pi - \Pi_0 \text{ aft } \gamma) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)	$\psi(\omega - \pi - \Pi_0 \text{ onto } \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)	$\psi((\omega - \pi - \Pi_0) - (\omega - \pi - \Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)(2,2,2)	$\psi((\omega - \pi - \Pi_0 -)^3)$
(0,0,0)(1,1,1)(2,2,2)(3,0,0)	$\psi((\omega-\pi-\Pi_0-)^\omega)$

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(0,0,0)(1,1,1)(2,2,2)(3,1,0)	$\psi((\omega - \pi - \Pi_0 -)^{\Omega})$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-)^\alpha-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)	$\psi(\lambda\alpha.(2 \text{ aft } (\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0) - (2,2,1)(3,3,0)	$\psi(\lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_0 \text{ aft } (\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,1)(3,3,2)$	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 \text{ aft } (\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,1)(3,3,2)(3,3,2)$	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^2 \text{ aft } (\omega-\pi-\Pi_0-)^\alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,1)(3,3,2)(4,1,0)$	$\psi(\lambda \alpha.2 \text{nd } (\omega - \pi - \Pi_0 -)^{\alpha} - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-(3,3,2)(4,1,0)(2,2,1)(3,3,2)(4,1,0)	$\psi(\lambda\alpha.3\mathrm{rd}\ (\omega-\pi-\Pi_0-)^\alpha-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-(3,3,2)(4,1,0)(3,0,0)	$\psi(\lambda\alpha.(1-(\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-(3,3,2)(4,1,0)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.((1-)^{\alpha} (\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)- $-(3,3,2)(4,1,0)(3,1,1)$	$\psi(\lambda\alpha.((1-)^{\Omega_{\alpha+1}} (\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-(3,3,2)(4,1,0)(3,1,1)(4,2,2)	$\psi(\lambda\alpha.((1-)^{\omega-\pi-\Pi_0} (\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1) - (3,3,2)(4,1,0)(3,1,1)(4,2,2)(5,1,0)	$\psi(\lambda \alpha.((1-)^{(\omega-\pi-\Pi_0-)^{\alpha}} (\omega-\pi-\Pi_0-)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)- $-(3,3,2)(4,1,0)(3,2,0)$	$\psi(\lambda \alpha.((1-)^{1,0} (\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-(3,3,2)(4,1,0)(3,2,1)	$\psi(\lambda\alpha.(2\ 1-(\omega-\pi-\Pi_0-)^{\alpha})-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)- $-(3,3,2)(4,1,0)(3,2,1)-$ $-(4,3,2)(5,1,0)(4,2,1)$	$\psi(\lambda\alpha.(2-(\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-(3,3,2)(4,1,0)(3,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)-(\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)- $-(3,3,2)(4,1,0)(3,3,0)-$ $-(4,3,0)(5,2,1)(6,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.(\omega - \pi - \Pi_0 \text{ aft } \beta) - \Pi_0)$ $-(\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-(3,3,2)(4,1,0)(3,3,0)(4,3,0)-(5,2,1)(6,3,2)(7,1,0)(2,0,0)	$\psi(\lambda \alpha.((\lambda \beta.((\omega - \pi - \Pi_0 -)^{\alpha} \text{ aft } \beta) - \Pi_0))$ $-(\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)- $-(3,3,2)(4,1,0)(3,3,0)(4,3,0)-$ $-(5,2,1)(6,3,2)(7,1,0)(4,2,1)$	$\psi(\lambda \alpha.(\lambda \beta.((\omega - \pi - \Pi_0 -)^{\alpha} \text{ aft } \beta) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1) - (3,3,2)(4,1,0)(3,3,1)	$\psi(\lambda \alpha.(\lambda \beta.(2 \text{ aft } (\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)- $-(3,3,2)(4,1,0)(3,3,1)-$ $-(4,4,2)(5,1,0)(4,4,1)$	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(2 \text{ aft} \\ (\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,2)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-)^{\alpha+1}-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,2)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-)^{\alpha\cdot2}-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0) - (3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-)^{\alpha^2}-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(4,2,0)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-)^{\psi_{\Omega_{\alpha+1}}(0)}-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-)^{\Omega_{\alpha+1}}-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(4,2,1)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-)^{\Omega_{\alpha+2}}-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(4,2,1)(5,3,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\lambda\beta.(\beta+1)-\Pi_0}-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(4,2,2)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) $ $^{\lambda \beta.(\omega - \pi - \Pi_0 \text{ aft } \beta) - \Pi_0} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(4,2,2)(4,2,2)$	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) $ $^{\lambda \beta.(\omega - \pi - \Pi_0 -)^2 \text{ aft } \beta - \Pi_0} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(4,2,2)(5,1,0)(2,0,0)$	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) $ $^{\lambda \beta.(\omega - \pi - \Pi_0 -)^{\alpha} \text{ aft } \beta - \Pi_0} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)-(4,2,2)(5,1,1)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) $ $^{\lambda \beta.(\omega - \pi - \Pi_0 -)^{\Omega_{\alpha + 1}} \text{ aft } \beta - \Pi_0} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(4,2,2)(5,1,1)(6,2,1)(7,3,0)$	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) $ $^{\lambda \beta.(\omega - \pi - \Pi_0 -)^{\lambda \beta.(\beta + 1) - \Pi_0} - \Pi_0} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(4,2,2)(5,1,1)(6,2,2)$	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) \lambda \beta.(\omega - \pi - \Pi_0 -) \Pi_0 - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\beta}-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)	$\psi(\lambda\alpha.(2 \text{ aft } \lambda\beta.(\omega - \pi - \Pi_0 -)^{\beta} - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0)-\Pi_0))$ aft
-(2,2,1)(3,3,2)	$\lambda \beta.(\omega - \pi - \Pi_0 -)^{\beta} - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -)^2 - \Pi_0 \text{ aft})$
-(2,2,1)(3,3,2)(3,3,2)	$\lambda \beta . (\omega - \pi - \Pi_0 -)^{\beta} - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\alpha}-\Pi_0))$ aft
-(2,2,1)(3,3,2)(4,1,0)(2,0,0)	$\lambda \beta . (\omega - \pi - \Pi_0 -)^{\beta} - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\rho(t) = (2\pi d) \rho(t) = H \beta H$
-(2,2,1)(3,3,2)(4,2,0)	$\psi(\lambda \alpha.(2\text{nd }\lambda \beta.(\omega - \pi - \Pi_0 -)^{\beta} - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.(3\text{rd }\lambda \beta.(\omega - \pi - \Pi_0 -)^{\beta} - \Pi_0)$
-(3,3,2)(4,2,0)(2,2,1)(3,3,2)(4,2,0)	$\psi(\lambda\alpha.(\text{3rd }\lambda\beta.(\omega-\pi-\Pi_0-)^r-\Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.((1-)^{1,0} \lambda \beta.(\omega - \pi - \Pi_0 -)^{\beta} - \Pi_0)$
-(3,3,2)(4,2,0)(3,2,0)	$\psi(\lambda\alpha.((1-)) - \lambda\beta.(\omega - \kappa - \Pi_0 -)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.(2\ 1 - \lambda \beta.(\omega - \pi - \Pi_0 -)^{\beta} - \Pi_1)$
-(3,3,2)(4,2,0)(3,2,1)	$\psi(\lambda\alpha.(21-\lambda\beta.(\omega-\kappa-\Pi_0-)-\Pi_1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-$
-(3,3,2)(4,2,0)(3,3,0)	$\lambda \beta . (\omega - \pi - \Pi_0 -)^{\beta} - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(2 \text{ aft})$
-(3,3,2)(4,2,0)(3,3,1)	$(\omega-\pi-\Pi_0-)^eta)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0)))$ aft
-(3,3,2)(4,2,0)(3,3,1)(4,4,2)	$(\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	
-(3,3,2)(4,2,0)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(2 \text{ aft}))))$
-(4,4,2)(5,2,0)(4,4,1)	$(\omega - \pi - \Pi_0 -)^{eta}) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -)^{\beta+1} - \Pi_0) - \Pi_0)$
-(3,3,2)(4,2,0)(3,3,2)	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{-1}-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\beta+\alpha}-\Pi_0)-\Pi_0)$
-(3,3,2)(4,2,0)(3,3,2)(4,1,0)(2,0,0)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \kappa - \Pi_0))) = \Pi_0) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -)^{\beta + \Omega_{\alpha + 1}} - \Pi_0) - \Pi_0)$
-(3,3,2)(4,2,0)(3,3,2)(4,1,1)	φ(λα.(λρ.(ω 'λ 110') 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)$
-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)	$\beta + \lambda \beta \cdot (\omega - \pi - \Pi_0 \text{ aft } \beta) - \Pi_0 - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)$
-(3,3,2)(4,2,0)(3,3,2)(4,1,1)-	$\beta + \lambda \beta \cdot ((\omega - \pi - \Pi_0 -)^{(\lambda \beta \cdot (\omega - \pi - \Pi_0 \text{ aft } \beta) - \Pi_0)}) - \Pi_0$
-(5,2,2)(6,1,1)(7,2,2)	$-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)$
-(3,3,2)(4,2,0)(3,3,2)-	$\beta + \lambda \beta \cdot ((\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0 - \Pi_0)$
-(4,1,1)(5,2,2)(6,2,0)	$-11_0) - 11_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)$
-(3,3,2)(4,2,0)(3,3,2)(4,1,1)-	$\beta + \lambda \beta \cdot ((\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0 + 1 - \Pi_0) - \Pi_0)$
-(5,2,2)(6,2,0)(3,3,2)	$-11_0 - 11_0 $
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)$
-(3,3,2)(4,2,0)(3,3,2)(4,1,1)-	$\beta + \lambda \beta \cdot ((\omega - \pi - \Pi_0 -)^\beta) - \Pi_0 \cdot \alpha - \Pi_0) - \Pi_0)$
-(5,2,2)(6,2,0)(4,1,0)(2,0,0)	-11_{0}) -11_{0})

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)-(6,2,0)(4,1,1)(5,2,2)(6,2,0)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) \\ \beta + (\lambda \beta.((\omega - \pi - \Pi_0 -)^\beta) - \Pi_0)^2 - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)- $-(3,3,2)(4,2,0)(3,3,2)(4,1,1)-$ $-(5,2,2)(6,2,0)(5,1,1)$	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) + (\lambda \beta.((\omega - \pi - \Pi_0 -)^\beta) - \Pi_0)^{\Omega_{\alpha+1}} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)-(6,2,0)(5,1,1)(6,2,2)(7,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\omega - \pi - \Pi_0 -) + (\lambda\beta.((\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0)^{(\lambda\beta.((\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1) - (3,3,2)(4,2,0)(3,3,2)(4,1,1) - (5,2,2)(6,2,0)(5,2,0)	$-\Pi_{0}) - \Pi_{0})$ $\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_{0} -)$ $\beta + ((1-)^{1,0} \text{ aft } \lambda \beta.((\omega - \pi - \Pi_{0} -)^{\beta}) - \Pi_{0}) - \Pi_{0}) - \Pi_{0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)- $-(3,3,2)(4,2,0)(3,3,2)(4,1,1)-$ $-(5,2,2)(6,2,0)(5,2,1)$	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) + (2 \text{ aft } \lambda \beta.((\omega - \pi - \Pi_0 -)^\beta) - \Pi_0) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)- $-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)-$ $-(6,2,0)(5,2,1)(6,3,2)(7,2,0)$	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) + (2\operatorname{nd} \lambda \beta.((\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)-(6,2,0)(5,2,1)(6,3,2)(7,2,0)(6,2,0)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -)$ $\beta + ((1-)^{1,0} \lambda \beta.((\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)-(6,2,0)(5,2,1)(6,3,2)(7,2,0)(6,2,1)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) + (2 - \lambda \beta.((\omega - \pi - \Pi_0 -)^\beta) - \Pi_0) - \Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)-(6,2,0)(5,2,1)(6,3,2)(7,2,0)(6,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)$ $\beta+(\lambda\beta.(\beta+1)-\Pi_0-\lambda\beta.((\omega-\pi-\Pi_0-)^\beta)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)(6,2,0)(5,2,1)(6,3,2)(7,2,0)(6,3,1)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -)$ $\beta + (\lambda \beta.(2 \text{ aft } (\omega - \pi - \Pi_0 -)^\beta) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)- $-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)-$ $-(6,2,0)(5,2,1)(6,3,2)(7,2,0)(6,3,1)-$ $-(7,4,2)(8,2,0)$	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -)$ $\beta + (\lambda \beta.(2\text{nd }(\omega - \pi - \Pi_0 -)^\beta) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)- -(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)- -(6,2,0)(5,2,1)(6,3,2)(7,2,0)(6,3,2)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -) \\ \beta + (\lambda \beta.((\omega - \pi - \Pi_0 -)^{\beta+1}) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	
-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)$
-(6,2,0)(5,2,1)(6,3,2)-	$^{\beta+(\lambda\beta.((\omega-\pi-\Pi_0-)^{\beta+2})-\Pi_0)}-\Pi_0)-\Pi_0)$
-(7,2,0)(6,3,2)(6,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	
-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)$
-(6,2,0)(5,2,1)(6,3,2)(7,2,0)-	$\beta + (\lambda \beta . ((\omega - \pi - \Pi_0 -)^{\beta + \Omega_{\alpha + 1}}) - \Pi_0) - \Pi_0) - \Pi_0)$
-(6,3,2)(7,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\beta\cdot2}-\Pi_0)-\Pi_0)$
-(3,3,2)(4,2,0)(3,3,2)(4,2,0)	$\psi(\wedge\alpha.(\wedge\beta.(w-n-\Pi_0-))-\Pi_0)=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\beta\cdot2+1}-\Pi_0)-\Pi_0)$
-(3,3,2)(4,2,0)(3,3,2)(4,2,0)(3,3,2)	$\psi(\wedge\alpha.(\wedge\beta.(\omega-n-\Pi_0-)))=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	
-(3,3,2)(4,2,0)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\beta\cdot3}-\Pi_0)-\Pi_0)$
-(4,2,0)(3,3,2)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\beta\cdot\alpha}-\Pi_0)-\Pi_0)$
-(3,3,2)(4,2,0)(4,1,0)(2,0,0)	$\psi(\wedge \alpha.(\wedge \beta.(\omega - \pi - \Pi_0 -))) = \Pi_0) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\beta^2}-\Pi_0)-\Pi_0)$
-(3,3,2)(4,2,0)(4,2,0)	$\psi(ne.(np.(\omega + n + n + n)) + n + n + n + n + n + n +$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\beta^\beta}-\Pi_0)-\Pi_0)$
-(3,3,2)(4,2,0)(5,2,0)	φ(πα.(πρ.(ω π 110) 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\psi_{\Omega_{\beta+1}}(0)}-\Pi_0)-\Pi_0)$
-(3,3,2)(4,2,0)(5,3,0)	φ(πα.(πρ.(ω π 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_0 -)^{\Omega_{\beta+1}} - \Pi_0) - \Pi_0)$
-(2,2,1)(3,3,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0-)$
-(2,2,1)(3,3,2)(4,2,1)(5,3,0)	$^{\lambda\gamma.(\gamma+1)-\Pi_0}-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0-)$
-(2,2,1)(3,3,2)(4,2,1)(5,3,2)	$\lambda \gamma.(\omega - \pi - \Pi_0 \text{ aft } \gamma) - \Pi_0 - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0-)$
-(3,3,2)(4,2,1)(5,3,2)(6,1,0)(2,0,0)	$(\lambda \gamma.(\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0 - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0-)$
-(3,3,2)(4,2,1)(5,3,2)(6,2,0)	$(\lambda \gamma.(\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0 - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.$
-(2,2,1)(3,3,2)(4,3,0)	
	$\frac{(\omega - \pi - \Pi_0 -)^{\gamma} - \Pi_0) - \Pi_0) - \Pi_0}{\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\lambda \delta.$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	
-(3,3,2)(4,3,0)(3,3,1)(4,4,2)(5,4,0)	$(\omega - \pi - \Pi_0 -)^{\delta} - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2)	$\psi((\omega - \pi - \Pi_0 -)^{1,0})$
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	$=\psi(\psi_{\omega-\pi-\Pi_1}(0))$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2)-	$\psi(2\text{nd }(\omega - \pi - \Pi_0 -)^{1,0})$
-(2,1,0)(3,2,1)(4,3,2)(5,3,0)(4,3,2)	$=\psi(\psi_X(1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(1-(\omega-\pi-\Pi_0-)^{1,0})$
-(2,2,2)(2,1,1)	$=\psi(\psi_X(\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi((\omega-\pi-\Pi_0-)^{1,1})$
-(2,2,2)(2,2,2)	$=\psi(X)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi((\omega - \pi - \Pi_0 -)^{1,2})$
-(2,2,2)(2,2,2)(2,2,2)	$=\psi(X^2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	π 1.0.
-(2,2,2)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0)^{1,\alpha}-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)$
-(3,1,1)(4,2,2)(5,2,0)(2,2,2)	$^{1,\lambdaeta.(\omega-\pi-\Pi_0-)^{1,0}-\Pi_0}-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{1,\beta}-\Pi_0)-\Pi_0)$
-(2,2,2)(3,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\kappa-\Pi_0-))) = \Pi_0) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi((\omega-\pi-\Pi_0-)^{2,0})$
-(2,2,2)(3,2,0)(2,2,2)	γ ((··· ··0))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi((\omega-\pi-\Pi_0-)^{2,1})$
-(2,2,2)(3,2,0)(2,2,2)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi((\omega-\pi-\Pi_0-)^{3,0})$
-(2,2,2)(3,2,0)(2,2,2)(3,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(3,0,0)	$\psi((\omega - \pi - \Pi_0 -)^{\omega,0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi((\omega - \pi - \Pi_0 -)^{1,0,0})$
-(3,2,0)(2,2,2)	, ((***********************************
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi((\omega - \pi - \Pi_0 -)^{1@(1,0)})$
-(4,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,3,0)	$\psi(\psi_{\Omega_{X+1}}(0))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\Omega_{X+1})$
-(4,3,0)(5,3,0)	$\varphi(32X+1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,3,1)	$\psi(\Omega_{X+\omega})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	ables = H aft V
-(4,3,1)(5,4,2)	$\psi(\omega - \pi - \Pi_0 \text{ aft } X)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{X_2}(0))$
-(4,3,1)(5,4,2)(6,4,0)(5,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(X_\omega)$
(~,~,~,(-,+,+,(-,-,-,(~,-,+)	$=\psi(1-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(1-\omega-\pi-\Pi_1)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,1,1)	$\psi(1-1-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,0)(3,2,0)(4,1,0)(2,0,0)$	$\psi(\lambda \alpha.(\alpha \cdot 2) - \Pi_0 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,0)(3,2,0)(4,1,1)$	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)	$\psi(\lambda \alpha.((\omega - \pi - \Pi_0 -)^2$
-(3,2,0)(4,1,1)(5,2,2)(5,2,2)	aft α) – Π_0 – ω – π – Π_1)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,2)(6,1,0)(2,0,0)	$\psi(\lambda \alpha.((\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,2)(6,1,1)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\Omega_{\alpha+1}})-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^{\beta})$
-(3,2,0)(4,1,1)(5,2,2)(6,2,0)	$-\Pi_0)-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.((\omega - \pi - \Pi_0 -)^{\gamma})$
-(3,2,0)(4,1,1)(5,2,2)(6,2,0)	$-\Pi_{0})-\Pi_{0})-\Pi_{0}-\omega-\pi-\Pi_{1})$
-(5,2,1)(6,3,2)(7,3,0)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{1,0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)	
-(3,2,0)(4,1,1)(5,2,2)(6,2,0)(5,2,2)	$-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{1@(1,0)})$
$ \begin{array}{c} -(3,2,0)(4,1,1)(5,2,2) \\ -(6,2,0)(7,2,0)(5,2,2) \end{array} $	$-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,2)(6,2,1)	$\psi(\lambda \alpha.(\omega - \pi - \Pi_1 \text{ aft } \alpha) - \Pi_1 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_1 \text{ aft } \alpha)-\Pi_1-$
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)(2,2,0)-	$\lambda \alpha.(\omega - \pi - \Pi_1 \text{ aft } \alpha) - \Pi_1 - \omega - \pi - \Pi_1)$
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)	$\lambda \alpha.(\omega - \pi - \Pi_1 \text{ art } \alpha) - \Pi_1 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	$\psi(1-\lambda\alpha.(\omega-\pi-\Pi_1 \text{ aft } \alpha)-\Pi_2)$
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)(3,1,1)	γ (1 · · · · · · · · · · · · · · · · · ·
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)	
-(3,2,0)(4,1,1)(5,2,2)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_1 \text{ aft } \alpha)+1)-\Pi_0)$
-(6,2,1)(3,1,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,2)(6,2,1)(3,1,1) -	$\psi(\lambda \alpha.((\omega - \pi - \Pi_1 \text{ aft } \alpha) + \alpha) - \Pi_0)$
-(3,2,0)(4,1,1)(3,2,2)(0,2,1)(3,1,1)-(4,2,0)(5,2,0)(6,1,0)(2,0,0)	$\psi(\wedge\alpha.((\omega-\pi-\Pi_1 \text{ ant } \alpha)+\alpha)-\Pi_0)$
-(4,2,0)(0,2,0)(0,1,0)(2,0,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_1 \text{ aft } \alpha)+\Omega_{\alpha+1})-\Pi_1)$
-(3,1,1)(4,2,0)(5,2,0)(6,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,2)-	$\psi(\lambda \alpha.((\omega - \pi - \Pi_1 \text{ aft } \alpha) + \Omega_{\alpha+2}) - \Pi_1)$
-(6,2,1)(3,1,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	$\psi(\lambdalpha.(\lambdaeta.(\omega-\pi-\Pi_1)-\Pi_1$
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)-	
-(3,1,1)(4,2,1)(5,3,0)	$+\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_1) - \Pi_1)$
-(3,2,0)(4,1,1)(5,2,2)-	$+\lambda \beta.(\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(6,2,1)(3,1,1)(4,2,2)	$+\lambda \beta . (\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_1)-\Pi_1\cdot 2)-\Pi_0)$
-(3,1,1)(4,2,2)(5,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_1)-\Pi_1+1)-\Pi_0$
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)-	$-\lambda \alpha.(\lambda \beta.(\omega - \pi - \Pi_1) - \Pi_1 \cdot 2) - \Pi_0)$
-(3,1,1)(4,2,2)(5,2,1)(4,2,0)	πα.(πρ.(ω π 111) 111 2) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_1)-\Pi_1\cdot\omega)-\Pi_0)$
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)(3,2,0)	, ((, , (
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)-	$\psi(\lambda \alpha.((1-)^{1,0} \text{ aft } \lambda \beta.(\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.((1-)^{1,0,0}))$ aft
-(2,2,0)(3,2,0)(4,2,0)	$\lambda\beta.(\omega-\pi-\Pi_1)-\Pi_1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)	$\psi(\lambda \alpha.(2 \text{ aft } \lambda \beta.(\omega - \pi - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(2\ 1-2\ {\rm aft}$
-(2,2,1)(3,2,1)	$\lambda\beta.(\omega-\pi-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(2-2 \text{ aft})$
-(2,2,1)(3,2,1)(4,2,1)	$\lambda eta.(\omega-\pi-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)$
-(2,2,1)(3,3,0)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+2})-\Pi_1$
-(2,2,1)(3,3,1)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,2)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^\alpha-\Pi_0)$
-(2,2,1)(3,3,2)(4,1,0)(2,0,0)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
	, (1/ 1/ 0/

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\Omega_{\alpha+1}}-\Pi_0)$
-(2,2,1)(3,3,2)(4,1,1)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\beta}-\Pi_0)$
-(2,2,1)(3,3,2)(4,2,0)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\psi_{\Omega_{\beta+1}}(0)}-\Pi_0$
-(2,2,1)(3,3,2)(4,2,0)(5,3,0)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0-)^{\Omega_{\beta+1}}-\Pi_0$
-(2,2,1)(3,3,2)(4,2,1)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0-)^{\lambda\gamma.(\gamma+1)-\Pi_0}))$
-(2,2,1)(3,3,2)(4,2,1)(5,3,0)	$-\Pi_0$) $-\Pi_0$ aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0-)^{\lambda\gamma.(\omega-\pi-\Pi_0)-\Pi_0}$
-(2,2,1)(3,3,2)(4,2,1)(5,3,2)	$-\Pi_0) - \Pi_0 \text{aft } \lambda \beta \cdot (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0-)^{\gamma}-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,2)(4,3,0)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\lambda\delta.(\omega-\pi-\Pi_0-)^{\delta}-\Pi_0))$
-(3,3,2)(4,3,0)(3,3,1)(4,4,2)(5,4,0)	$-\Pi_0) - \Pi_0 \text{aft } \lambda \beta \cdot (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^{1,0})-\Pi_0$
-(3,3,2)(4,3,0)(3,3,2)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^{1,0,0})-\Pi_0$
-(3,3,2)(4,3,0)(4,3,0)(3,3,2)	aft $\lambda \beta . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(2\text{nd }\lambda \beta.(\omega-\pi-\Pi_1)-\Pi_1)-\Pi_1)$
-(2,2,1)(3,3,2)(4,3,1)	γ (······(==== · γ ·· (t · · · · ==1) · ·=1)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)	$\psi(\lambda\alpha.((1-)^{\alpha} \lambda\beta.(\omega-\pi-\Pi_1)-\Pi_1)-\Pi_0)$
-(3,3,2)(4,3,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1) - (3,3,2)(4,3,1)(3,2,0)	$\psi(\lambda\alpha.((1-)^{1,0} \lambda\beta.(\omega-\pi-\Pi_1)-\Pi_1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0$
(3,3,2)(4,3,1)(3,3,0)	$-\lambda \beta.(\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)	
-(3,3,2)(4,3,1)(3,3,1)	$\psi(\lambda \alpha.(\lambda \beta.(2 \text{ aft } \omega - \pi - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0)-\Pi_0)$
-(3,3,2)(4,3,1)(3,3,1)(4,4,2)	aft $\lambda \gamma . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.((\omega-\pi-\Pi_0-)^{1,0})-\Pi_0)))$
-(3,3,2)(4,3,1)(3,3,1)-	
-(4,4,2)(5,4,0)(4,4,2)	aft $\lambda \gamma . (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(2\mathrm{nd}$
-(3,3,2)(4,3,1)(3,3,1)(4,4,2)(5,4,1)	$\lambda \gamma.(\omega-\pi-\Pi_1)-\Pi_1)-\Pi_1)-\Pi_1)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,2)	$\psi(\omega-\pi-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,2)(2,2,2)$	$\psi((\omega-\pi-\Pi_0-)^2\ \omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,2)(3,1,0)(2,0,0)$	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha}\ \omega-\pi-\Pi_1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,2)(3,1,1)$	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\Omega_{\alpha+1}}\ \omega-\pi-\Pi_1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^\beta$
-(2,2,2)(3,2,0)	$\omega-\pi-\Pi_1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (2,2,2)(3,2,0)(2,2,2)	$\psi((\omega - \pi - \Pi_0 -)^{1,0} \ \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (2,2,2)(3,2,0)(4,2,0)(2,2,2)	$\psi((\omega - \pi - \Pi_0 -)^{1@(1,0)} \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - $(2,2,2)(3,2,1)$	$\psi(1-\omega-\pi-\Pi_1\;\omega-\pi-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-\omega-\pi-\Pi_1\ \omega-\pi-\Pi_0-\omega-\pi-\Pi_1$
-(2,2,2)(3,2,1)(2,2,2)(3,2,1)	$\omega - \pi - \Pi_0 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,0,0)	$\psi((\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{\omega} \ \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_1\ \omega-\pi-\Pi_0-)^{\alpha}$
-(3,1,0)(2,0,0)	$\omega - \pi - \Pi_1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,1,1)	$\psi(\lambda \alpha.((\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{\Omega_{\alpha+1}})$ $\omega - \pi - \Pi_1) - \Pi_0)$
	$\frac{\omega - \pi - \Pi_1) - \Pi_0}{\psi(\lambda \alpha.(\lambda \beta.((\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{\beta})))}$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0)	$\omega - \pi - \Pi_1) - \Pi_1) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.((\omega-\pi-\Pi_1$
-(2,2,1)(3,3,2)(4,3,1)(4,3,0)	$\omega - \pi - \Pi_0 -)^{\gamma} \omega - \pi - \Pi_1) - \Pi_1) - \Pi_1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(3,2,0)(2,2,2)	$\psi((\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{1,0} \ \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-(\omega-\pi-\Pi_1$
-(3,2,0)(2,2,2)(3,2,1)	$\omega - \pi - \Pi_0 -)^{1,1} \ \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0)-	,
-(2,2,2)(3,2,1)(3,2,0)(2,2,2)	$\psi((\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{2,0} \ \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi((\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{\omega,0} \ \omega - \pi - \Pi_1)$
-(3,2,0)(3,0,0)	$\psi((\omega-n-\Pi_1\ \omega-n-\Pi_0-)\ \omega-n-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(3,2,0)(3,2,0)(2,2,2)$	$\psi((\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{1,0,0} \ \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,1)	$\psi(1 - \omega - \pi - \Pi_1 - \omega - \pi - \Pi_1)$ $= \psi(1 - \lambda \alpha \cdot (\Pi_0[2] \ 1 - \Pi_0[2]) - \Pi_1)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,1)(3,2,1)	$\psi(1-\omega-\pi-\Pi_1-\omega-\pi-\Pi_1-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,0,0)	$\psi((\omega-\pi-\Pi_1-)^{\omega})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,1,0)(2,0,0)$	$\psi(\lambda\alpha.(\omega-\pi-\Pi_1-)^\alpha-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_1-)^{\beta}-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.$
-(2,2,1)(3,3,2)(4,3,1)(5,3,0)	$(\omega-\pi-\Pi_1-)^\gamma-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2) - (3,2,1)(4,2,0)(2,2,2)	$\psi((\omega - \pi - \Pi_1 -)^{1,0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,2,0)(4,2,0)(2,2,2)$	$\psi((\omega - \pi - \Pi_1 -)^{1,0,0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,2,0)(5,2,0)(2,2,2)$	$\psi((\omega - \pi - \Pi_1 -)^{1@(1,0)})$
	$\psi(1-\omega-\pi-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,2,1)	$= \psi(1 - \lambda \alpha.(\Pi_0[2] \ 2 - \Pi_0[2]) - \Pi_1)$
	$= \psi(1 - \lambda \alpha.(\alpha(\omega) \text{ is }_{2} \text{ ref.}) - stb.)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\omega-\pi-\Pi_0-\omega-\pi-\Pi_2)$
-(3,2,1)(4,2,1)(2,2,2)	$\varphi(\omega = n + 110 + \omega = n + 112)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-\omega-\pi-\Pi_1\;\omega-\pi-\Pi_0-\omega-\pi-\Pi_2)$
-(4,2,1)(2,2,2)(3,2,1)	7 (1 0 2)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(1-\omega-\pi-\Pi_2\;\omega-\pi-\Pi_0-\omega-\pi-\Pi_2)$
-(4,2,1)(2,2,2)(3,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)-(3,2,1)(4,2,1)(3,2,1)	$\psi(1-\omega-\pi-\Pi_1-\omega-\pi-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,2,1)(3,2,1)(4,2,1)	$\psi(1-\omega-\pi-\Pi_2\ \omega-\pi-\Pi_1-\omega-\pi-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,2,1)(4,2,1)(4,2,1)	$\psi(1-\omega-\pi-\Pi_2-\omega-\pi-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)-	1// IT (//)
-(3,2,1)(4,2,1)(5,0,0)	$\psi((\omega-\pi-\Pi_2-)^{\omega})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_2-)^{\alpha}-\Pi_0)$
-(4,2,1)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_2-)^{\beta})-\Pi_0)-\Pi_0)$
-(3,2,1)(4,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi((\omega-\pi-\Pi_2-)^{1,0})$
-(4,2,1)(5,2,0)(2,0,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-\omega-\pi-\Pi_3)$
-(3,2,1)(4,2,1)(5,2,1)	$=\psi(1-\lambda\alpha.(\Pi_0[2]\ \Pi_3)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-\omega-\pi-\Pi_4)$
-(4,2,1)(5,2,1)(6,2,1)	$= \psi(1 - \lambda \alpha.(\Pi_0[2] \ \Pi_4) - \Pi_1)$
	$\psi((\omega+1)-\pi-(+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$= \psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} + 1) - \Pi_0) - \Pi_0)$
	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\beta+1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-$
-(3,2,1)(4,3,0)(2,2,2)	$\lambda \alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-\lambda\alpha.(\omega-\pi-\Pi_1$
-(4,3,0)(2,2,2)(3,2,1)	$\omega - \pi - \Pi_0 - \lambda \alpha_\omega . (\alpha_\omega + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0)$
-(4,3,0)(2,2,2)(3,2,1)(4,3,0)	$\omega - \pi - \Pi_0 - \lambda \alpha_\omega . (\alpha_\omega + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1 - \lambda \alpha.(\omega - \pi - \Pi_1 -$
-(3,2,1)(4,3,0)(3,2,1)	$\lambda \alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0)$
-(4,3,0)(3,2,1)(4,3,0)	$\omega - \pi - \Pi_1 - \lambda \alpha_\omega . (\alpha_\omega + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1 - \lambda \alpha.(\omega - \pi - \Pi_2 -$
-(3,2,1)(4,3,0)(4,2,1)	$\lambda lpha_\omega.(lpha_\omega+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0$
-(4,3,0)(4,2,1)(5,3,0)	$\omega - \pi - \Pi_2 - \lambda \alpha_{\omega}.(\alpha_{\omega} + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-$
-(3,2,1)(4,3,0)(4,3,0)	$\Pi_0 - \lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-)^{\alpha})-\Pi_0)$
-(4,3,0)(5,1,0)(2,0,0)	φ (πωπ (πωωπ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ τ
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-)^{1,0})-\Pi_0)$
-(4,3,0)(5,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2) - (3,2,1)(4,3,0)(5,2,1)	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} + 1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-$
-(4,3,0)(5,2,1)(4,3,0)	$\Pi_0 - \lambda \alpha_\omega . (\alpha_\omega + 1) - \Pi_1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_{1})$ $\psi(1-\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_{1})$
-(4,3,0)(5,2,1)(4,3,0)(5,2,1)	$\lambda \alpha_{\omega}.(\alpha_{\omega}+1) - \Pi_0 - \lambda \alpha_{\omega}.(\alpha_{\omega}+1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} + 1) - \Pi_1 - \Pi_1)$
-(4,3,0)(5,2,1)(5,2,1)	$\lambda lpha_\omega.(lpha_\omega+1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	- (-) -)
-(4,3,0)(5,2,1)(6,2,0)(2,2,2)	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_1)^{1,0})-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,3,0)(5,2,1)(6,2,1)	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} + 1) - \Pi_2) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,3,0)(5,2,1)(6,2,1)(7,2,1)	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} + 1) - \Pi_3) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(4,3,0)(5,2,1)(6,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega}+2)-\Pi_0-$
-(4,3,0)(5,2,1)(6,3,0)(6,3,0) $(0,0,0)(1,1,1)(2,2,2)(3,2,1)-$	$\lambda \alpha_{\omega}.(\alpha_{\omega} + 2) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,2,1)(6,3,0)(7,2,1) $(0,0,0)(1,1,1)(2,2,2)(3,2,1)-$	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} + 2) - \Pi_1) - \Pi_1)$
-(4,3,0)(5,2,1)(6,3,0)(7,2,1)(8,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+3)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-(3,2,1)(4,3,0)(5,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,0)(5,3,0)(5,3,0)$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega^2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,0)(5,3,0)(6,1,0)$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\Omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,0)(5,3,0)(6,1,0)(2,0,0)$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\alpha)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(4,3,0)(5,3,0)(6,1,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\Omega_{\alpha+1})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\alpha_{\omega}.(\alpha_{\omega} + \lambda\beta.(\beta + 1)$
-(4,3,0)(5,3,0)(6,1,1)(7,2,0) $(0,0,0)(1,1,1)(2,2,2)(3,2,1)-$	$-\Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,3,0)(6,2,0) $(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-$	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\beta)-\Pi_0)-\Pi_0)-\Pi_0)$
-(5,3,0)(6,2,0)(2,2,1)(3,3,2)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\lambda \alpha_{\omega}.(\alpha_{\omega} + \gamma) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,3,1)(5,4,0)(6,4,0)(7,3,0) $(0,0,0)(1,1,1)(2,2,2)(3,2,1)-$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot 2) - \Pi_0) - \Pi_0)$ $\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot 2) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,3,0)(6,2,0)(2,2,2)	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\beta \cdot 2) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,0)(5,3,0)(6,2,0)(5,2,1)$	$\psi(\lambda\alpha.(1-\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot 2)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0) - (5,3,0)(6,2,0)(5,2,1)(6,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot 2+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0) - (5,3,0)(6,2,0)(5,2,1) - (6,3,0)(7,3,0)(8,1,0)(2,0,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot 2+\alpha)-\Pi_0)-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	
-(5,3,0)(6,2,0)(5,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot3)-\Pi_0)-\Pi_0)$
-(6,3,0)(7,3,0)(8,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	
-(5,3,0)(6,2,0)(5,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot\alpha)-\Pi_0)-\Pi_0)$
-(5,3,0)(6,2,0)(5,3,0)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot\alpha)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.({\alpha_{\omega}}^2) - \Pi_0) - \Pi_0)$
-(5,3,0)(6,2,0)(5,3,0)(6,2,0)(2,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega}{}^{\omega}) - \Pi_{0}) - \Pi_{0})$
-(5,3,0)(6,2,0)(6,0,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}^{\alpha_{\omega}})-\Pi_{0})-\Pi_{0})$
-(5,3,0)(6,2,0)(6,2,0)(2,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\psi_{\Omega_{\alpha}+1}(0)) - \Pi_0) - \Pi_0)$
-(5,3,0)(6,2,0)(7,3,0)	$\psi(\wedge\alpha.(\wedge\alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega}+1}}(0))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega+1}}}(\lambda\alpha'.(\alpha'+1)$
-(5,3,0)(6,2,0)(7,3,1)(8,4,0)	$-\Pi_0))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,0)(5,3,0)(6,2,1)	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\Omega_{\alpha_{\omega}+1}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	
-(5,3,0)(6,2,1)(5,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+1}\cdot 2)-\Pi_0)-\Pi_0)$
-(6,3,0)(7,3,0)(8,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+1}\cdot\omega)-\Pi_0)-\Pi_0)$
-(5,3,0)(6,2,1)(5,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\iota_{\alpha_{\omega}+1}\cdot\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\psi_{\Omega_{\alpha}+2}(0)) - \Pi_0) - \Pi_0)$
-(5,3,0)(6,2,1)(7,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\psi\Omega_{\alpha_{\omega}+2}(0))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega}+2}}(\Omega_{\alpha_{\omega}+2}^{\Omega_{\alpha_{\omega}+2}})) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,3,0)(6,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\psi \Omega_{\alpha_{\omega}+2}(\Sigma^{2}\alpha_{\omega}+2))-\Pi_{0})-\Pi_{0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\Omega_{\alpha_{\omega}+2}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	,,(), (), (O) H) H)
-(4,3,1)(5,0,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+\omega})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,1)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+\alpha})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\Omega_{\alpha\cdot 2}) - \Pi_0) - \Pi_0)$
-(4,3,1)(5,2,0)(2,2,2)	$\psi(\wedge\alpha.(\wedge\alpha_{\omega}.(\mathfrak{L}_{\alpha_{\omega}\cdot2})-\mathfrak{I}\mathfrak{l}_0)-\mathfrak{I}\mathfrak{l}_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha, (\lambda \alpha, (\Omega_1, \dots, \Omega_n)) = \Pi_1) = \Pi_2)$
-(4,3,1)(5,2,0)(6,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\Omega_{\psi_{\Omega_{\alpha_{\omega}+1}}(0)}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\Omega_{\alpha_{\omega}+1}})-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,1)(5,2,1)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)-	(0) (1) (1) (2) (3)
-(3,2,1)(4,3,1)(5,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\psi_{I_{\alpha_{\omega+1}}}(0)) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	//(1) / () / (Т) П) П)
-(3,2,1)(4,3,1)(5,3,1)	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(I_{\alpha_{\omega}+1}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,1)(5,3,1)(6,3,1)	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(M_{\alpha_{\omega}+1}) - \Pi_1) - \Pi_1)$
(0.0.0)(1.1.1)(0.0.0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$= \psi((\omega + 2) - \pi - (+1) - \Pi_0)$
-(3,2,1)(4,3,1)(5,4,0)	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\lambda \gamma.(\gamma + 1) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-\lambda\alpha.(\lambda\alpha_{\omega}.$
-(4,3,1)(5,4,0)(6,3,1)	$(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,1)(5,4,0)(6,3,1)(7,4,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+2)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	() () () () ()
-(4,3,1)(5,4,0)(6,4,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+\omega)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	
-(5,4,0)(6,4,0)(7,1,0)(2,0,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+\alpha)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+\alpha_{\omega})-\Pi_0)-\Pi_0)-\Pi_0)$
-(5,4,0)(6,4,0)(7,2,0)(2,2,2)	$\psi(\wedge\alpha.(\wedge\alpha_{\omega}.(\wedge\alpha_{\omega+1}.(\alpha_{\omega+1}+\alpha_{\omega})-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.$
-(5,4,0)(6,4,0)(7,2,1)	$(\alpha_{\omega+1} + \Omega_{\alpha_{\omega}+1}) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}\cdot 2) - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,3,1)(5,4,0)(6,4,0)(7,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}\cdot 2)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\Omega_{\alpha_{\omega+1}+1}) - \Pi_1) - \Pi_1) - \Pi_1)$
-(4,3,1)(5,4,0)(6,4,0)(7,3,1)	ψ (New.(New+1.(22 $\alpha_{\omega+1}$ +1) III) III)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\Omega_{\alpha_{\omega+1}+2}) - \Pi_1) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,1)(5,4,1)	$\varphi\left((\cos (\cos \omega + \cos \omega + 1)(-3a_{\omega+1} + 2) - 21) \right) = 11)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(I_{\alpha_{\omega+1}+1}) - \Pi_1) - \Pi_1) - \Pi_1)$
-(4,3,1)(5,4,1)(6,4,1)	ω ,
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(M_{\alpha_{\omega+1}+1})-\Pi_1)-\Pi_1)-\Pi_1)$
-(4,3,1)(5,4,1)(6,4,1)(7,4,1)	21200
	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$(\lambda \alpha_{\omega+2}.(\alpha_{\omega+2}+1) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,3,1)(5,4,1)(6,5,0)	$= \psi((\omega + 2) - \pi - (+1) - \Pi_0)$
	$= \psi(\lambda \alpha.(\Pi_0[2] \ 3 - \pi - (+1) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\lambda \alpha_{\omega+2}.(\lambda \alpha_{\omega+3}.$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$(\alpha_{\omega+3}+1)-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,3,1)(5,4,1)(6,5,1)(7,6,0)	$=\psi((\omega+3)-\pi-(+1)-\Pi_0)$
	$= \psi(\lambda \alpha.(\Pi_0[2] \ 4 - \pi - (+1) - \Pi_0) - \Pi_0)$
	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0)) = \psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0))$
(0,0,0)/1,1,1)/9,9,9)/2,9,1)/4,9,9)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)	$=\psi((\omega\cdot 2)-\pi-\Pi_0)$
	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\Pi_0[2]) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - (\omega \cdot 2) - \pi - \Pi_0)$
-(4,3,2)(2,2,0)(3,2,0)(4,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0)-\Pi_0-(\omega\cdot 2)-\pi-\Pi_0)$
-(4,3,2)(2,2,0)(3,2,0)(4,1,1)(5,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,2)(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.((\omega\cdot 2)-\pi-\Pi_0)-\Pi_0-(\omega\cdot 2)-\pi-\Pi_0)$
-(5,2,2)(6,2,1)(7,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)-	$\psi(1-\lambda\alpha.((\omega\cdot 2)-\pi-\Pi_0)-\Pi_1)$
-(6,2,1)(7,3,2)(3,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi(\lambda\alpha.((\omega\cdot 2)-\pi-\Pi_0+1)-\Pi_0)$
-(6,2,1)(7,3,2)(3,1,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi(\lambda\alpha.((\omega\cdot 2)-\pi-\Pi_0\cdot\omega)-\Pi_0)$
-(6,2,1)(7,3,2)(3,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)-	$\psi(\lambda \alpha.((1-)^{1,0} \text{ aft } (\omega \cdot 2) - \pi - \Pi_0) - \Pi_0)$
-(6,2,1)(7,3,2)(5,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.((1-)^{1,0,0} \text{ aft } (\omega \cdot 2) - \pi - \Pi_0) - \Pi_0)$
-(2,2,0)(3,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(2 \text{ aft } (\omega \cdot 2) - \pi - \Pi_0) - \Pi_1)$
-(3,2,1)(4,3,2)(2,2,1)	, (, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0))$ aft $(\omega\cdot 2)-\pi-\Pi_0-\Pi_0$
-(4,3,2)(2,2,1)(3,3,2)	, (() (/0/0/
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(2\mathrm{nd}\ (\omega\cdot 2)-\pi-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,2)(4,2,1)(5,3,2)	7 ((() () ()
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(1-(\omega\cdot 2)-\pi-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,2)(4,2,1)(5,3,2)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega\cdot 2)-\pi-\Pi_0)$
-(2,2,1)(3,3,2)(4,2,1)(5,3,2)(3,3,0)	$-\Pi_0-(\omega\cdot 2)-\pi-\Pi_0)-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)	$\psi(\lambda\alpha.(\lambda\beta.(2 \text{ aft } (\omega \cdot 2) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
$ \begin{array}{c c} -(2,2,1)(3,3,2)(4,2,1)(5,3,2)(3,3,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2) - \end{array} $	
-(2,2,1)(3,3,2)(4,2,1)(5,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(2 \text{ aft})$
-(2,2,1)(3,3,2)(4,2,1)(5,3,2) $-(3,3,1)(4,4,2)(5,2,1)(6,3,2)$	$(\omega \cdot 2) - \pi - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,2,1)(4,3,2)(2,2,2)	$\psi(\omega - \pi - \Pi_0 - (\omega \cdot 2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,2)(2,2,2)(3,2,1)	$\psi(\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 - (\omega \cdot 2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,2)(2,2,2)(3,2,1)(4,3,2)	$\psi((\omega \cdot 2) - \pi - \Pi_0 \ \omega - \pi - \Pi_0 - (\omega \cdot 2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	, ((, a) - H)
-(4,3,2)(3,2,1)	$\psi(\omega - \pi - \Pi_1 - (\omega \cdot 2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi((\omega \cdot 2) - \pi - \Pi_0 \ \omega - \pi - \Pi_1 - (\omega \cdot 2) - \pi - \Pi_0)$
-(4,3,2)(3,2,1)(4,3,2)	$\psi((\omega \cdot z) - \kappa - \Pi_0 \omega - \kappa - \Pi_1 - (\omega \cdot z) - \kappa - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega+1)-\Pi_0-$
-(3,2,1)(4,3,2)(4,3,0)	$\lambda lpha_{\omega}.(\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot 2)-\Pi_0-$
-(4,3,0)(5,3,0)(6,2,0)(2,2,2)	$\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\Omega_{\alpha_{\omega}+1}) - \Pi_1 -$
-(4,3,0)(5,3,0)(6,2,1)	$\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0)-\Pi_0-$
-(4,3,0)(5,3,0)(6,2,1)(7,3,2)	$\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(4,3,0)(5,3,0)(6,2,1)(7,3,2)(5,0,0)	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0)-\Pi_0-)^{\omega})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(4,3,0)(5,3,0)(6,2,1)-	$\psi(\lambda \alpha.((\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0 -)^{\alpha}) - \Pi_0)$
-(7,3,2)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(4,3,0)(5,3,0)(6,2,1)-	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0)-\Pi_0-)^{1,0})-\Pi_0)$
-(7,3,2)(5,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_1) - \Pi_1)$
-(4,3,0)(5,3,0)(6,2,1)(7,3,2)(5,2,1)	γ(2 /(/ω.(ω // 110) 111) 111)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(4,3,0)(5,3,0)(6,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0+1)-\Pi_0)-\Pi_0)$
-(7,3,2)(5,2,1)(6,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(4,3,0)(5,3,0)(6,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0\cdot 2)-\Pi_0)-\Pi_0)$
-(7,3,2)(5,2,1)(6,3,2)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	//) /) /
-(4,3,0)(5,3,0)(6,2,1)(7,3,2)(5,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0\cdot\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((1-)^{1,0} \text{ aft } \omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,3,0)(6,2,1)(7,3,2)(7,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_\omega.((1-)) - \operatorname{art} \omega - \pi - \operatorname{H}_0) - \operatorname{H}_0) - \operatorname{H}_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((1-)^{1,0,0} \text{ aft } \omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,3,0)(6,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_\omega.(1-))) = \Pi_0) = \Pi_0) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(2 \text{ aft } \omega - \pi - \Pi_0) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,2)(4,3,1)	φ(1 //α.(//αω.(2 ωτο ω // 110) 111) 111)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(2\text{nd }\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(4,3,1)(5,4,2)	φ (παι(παωτ(2πα ω π 110) 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(2nd$
-(4,3,1)(5,4,2)(5,4,1)(6,5,2)	$\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi((\omega\cdot 2)-\pi-\Pi_0-(\omega\cdot 2)-\pi-\Pi_0)$
-(3,2,1)(4,3,2)(4,3,2)	$\varphi((\omega \cdot z) - n - \Pi_0 - (\omega \cdot z) - n - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\omega\cdot 2)-\pi-\Pi_0-)^{\alpha}-\Pi_0)$
-(4,3,2)(5,1,0)(2,0,0)	φ (πα.((ω 2) π 110) 110)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega\cdot 2)-\pi-\Pi_0-)^\beta-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,2,0)	φ (παι (πρ. ((ω 2) π 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega \cdot 2) - \pi - \Pi_0 -)^{\alpha_{\omega}} - \Pi_0) - \Pi_0)$
-(4,3,2)(5,2,0)(2,2,2)	7 (
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega \cdot 2) - \pi - \Pi_0 -)^{\Omega_{\alpha_{\omega}+1}} - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(5,2,1)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.$
-(3,2,1)(4,3,2)(5,3,0)	$((\omega \cdot 2) - \pi - \Pi_0 -)^{\alpha_{\omega+1}} - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\lambda\alpha_{\alpha+2}.$
-(5,3,0)(4,3,1)(5,4,2)(6,4,0)	$((\omega \cdot 2) - \pi - \Pi_0 -)^{\alpha_{\omega+2}} - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(((\omega \cdot 2) - \pi - \Pi_0 -)^{1,0})$
-(4,3,2)(5,3,0)(4,3,2)	$\psi(((\omega \cdot 2) - \kappa - \Pi_0 -))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(((\omega \cdot 2) - \pi - \Pi_0 -)^{2,0})$
-(5,3,0)(4,3,2)(5,3,0)(4,3,2)	φ(((ω 2) '' 110')')
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(((\omega \cdot 2) - \pi - \Pi_0 -)^{1,0,0})$
-(4,3,2)(5,3,0)(5,3,0)(4,3,2)	γ(((ω 2)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-(\omega\cdot 2)-\pi-\Pi_1)$
-(3,2,1)(4,3,2)(5,3,1)	-/
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-(\omega\cdot 2)-\pi-\Pi_1\ (\omega\cdot 2)$
-(4,3,2)(5,3,1)(4,3,2)(5,3,1)	$-\pi - \Pi_0 - (\omega \cdot 2) - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1 - (\omega \cdot 2) - \pi - \Pi_1 - (\omega \cdot 2) - \pi - \Pi_1)$
-(4,3,2)(5,3,1)(5,3,1)	$\varphi(1 (\omega 2) n 11_1 (\omega 2) n 11_1)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\omega\cdot 2)-\pi-\Pi_1-)^{\alpha_{\omega}}-\Pi_0)-\Pi_0)$
-(4,3,2)(5,3,1)(6,2,0)(2,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_\omega.((\omega\cdot 2)-n-\Pi_1-))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(((\omega \cdot 2) - \pi - \Pi_1 -)^{1,0})$
-(4,3,2)(5,3,1)(6,3,0)(4,3,2)	$\varphi(((\omega \cdot 2) n \Pi_1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-(\omega\cdot 2)-\pi-\Pi_2)$
-(4,3,2)(5,3,1)(6,3,1)	$\psi(1 (\omega 2) n \Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(1-(\omega\cdot 2)-\pi-\Pi_3)$
-(4,3,2)(5,3,1)(6,3,1)(7,3,1)	,
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega \cdot 2}.(\alpha_{\omega \cdot 2} + 1) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(5,4,0)	$= \psi((\omega \cdot 2 + 1) - \pi - (+1) - \Pi_0)$
(0.0.0)/1.1.1)/0.0.0)/0.0.1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot2}.(\lambda\alpha_{\omega\cdot2+1}.$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,3,2)(5,4,1)(6,5,0)	$(lpha_{\omega \cdot 2+1} + 1) - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,5,2)(5,4,1)(0,5,0)	$= \psi((\omega \cdot 2 + 2) - \pi - (+1) - \Pi_0)$
	$\psi((\omega\cdot 3)-\pi-(+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\Pi_0[2]$
-(4,3,2)(5,4,1)(6,5,2)	$\lambda\gamma.(\Pi_0[2])-\Pi_0)-\Pi_0)-\Pi_0)$
($\psi((\omega^2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$=\psi(\lambda\alpha.((\Pi_0-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)	$\psi(\omega - \pi - \Pi_0 - (\omega^2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1 - \omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 - (\omega^2) - \pi - \Pi_0)$
-(3,2,2)(2,2,2)(3,2,1)	$\psi(1 - \omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 - (\omega \) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((\omega \cdot 2) - \pi - \Pi_0 \ \omega - \pi - \Pi_0 - (\omega^2) - \pi - \Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)	$\psi((\omega \cdot z) - n - \Pi_0 \omega - n - \Pi_0 - (\omega) - n - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((\omega^2) - \pi - \Pi_0 \ \omega - \pi - \Pi_0 - (\omega^2) - \pi - \Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)	, ((**) ** 0 ** **0 (**) ** 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi((\omega^2) - \pi - \Pi_0 \ \omega - \pi - \Pi_0 - (\omega^2) -$
-(3,2,1)(4,3,2)(5,3,2)(2,2,2)-	$\pi-\Pi_0\;\omega-\pi-\Pi_0-(\omega^2)-\pi-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)	3 ()
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)	$\psi(((\omega \cdot 2) - \pi - \Pi_0))$
-(3,2,1)(4,3,2)(5,3,2)(3,0,0)	$\omega - \pi - \Pi_0 -)^{\omega} (\omega^2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)	$\psi(((\omega\cdot 2)-\pi-\Pi_0$
-(3,2,1)(4,3,2)(5,3,2)(3,2,0)(2,2,2)	$\omega - \pi - \Pi_0 -)^{1,0} \ (\omega^2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(1-\omega-\pi-\Pi_1-(\omega^2)-\pi-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(3,2,1)	, (1 () 220)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	
-(3,2,1)(4,3,2)(5,3,2)-	$\psi((\omega^2) - \pi - \Pi_0 \ \omega - \pi - \Pi_1 - (\omega^2) - \pi - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(4,2,1)$	$\psi(1-\omega-\pi-\Pi_2-(\omega^2)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(4,2,1)-$ $-(5,3,2)(6,3,2)(5,2,1)$	$\psi(1-\omega-\pi-\Pi_3-(\omega^2)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-(3,2,1)(4,3,2)(5,3,2)(4,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} + 1) - \Pi_0 - \lambda \alpha_{\omega}.((\omega^2) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)-$ $-(4,3,0)(5,3,0)(6,2,1)$	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\Omega_{\alpha_{\omega}+1}) - \Pi_1 - \lambda \alpha_{\omega}.((\omega^2) - \pi - \Pi_0) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(4,3,0)-$ $-(5,3,0)(6,2,1)(7,3,2)(8,3,2)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega^2) - \pi - \Pi_0) - \Pi_0 - \lambda \alpha_{\omega}.((\omega^2) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2) - (3,2,1)(4,3,2)(5,3,2)(4,3,1)	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(2 \text{ aft } (\omega^2) - \pi - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(4,3,1)-$ $-(5,3,2)(6,3,2)(5,3,1)$	$\psi(1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.$ $(2 \text{ aft } (\omega^2) - \pi - \Pi_0) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(4,3,2)$	$\psi((\omega \cdot 2) - \pi - \Pi_0 - (\omega^2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(4,3,2)-$ $-(5,3,1)(6,4,2)(7,4,2)(6,4,2)$	$\psi((\omega\cdot 3)-\pi-\Pi_0-(\omega^2)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,2)(2,2,2)(3,2,2)$	$\psi((\omega^2) - \pi - \Pi_0 - (\omega^2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,2)(3,1,0)(2,0,0)$	$\psi(\lambda\alpha.((\omega^2) - \pi - \Pi_0 -)^{\alpha} - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)	$\psi(\lambda\alpha.(\lambda\beta.((\omega^2) - \pi - \Pi_0 -)^{\beta} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,2)(3,2,0)(2,2,2)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega^2) - \pi - \Pi_0 -)^{\alpha_{\omega}} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0) - (2,2,2)(3,2,1)(4,3,2)(5,3,2)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega^2) - \pi - \Pi_0 -)^{\alpha_{\omega}+1} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)- $-(2,2,2)(3,2,1)(4,3,2)-$ $-(5,3,2)(5,2,0)(2,2,2)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega^2) - \pi - \Pi_0 -)^{\alpha_{\omega} \cdot 2} - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0) - (2,2,2)(3,2,1)(4,3,2)(5,3,2)(5,2,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\omega^2)-\pi-\Pi_0-)^{\Omega_{\alpha_{\omega}+1}}-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0) - (2,2,2)(3,2,1)(4,3,2)(5,3,2)(5,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.$ $((\omega^2) - \pi - \Pi_0 -)^{\alpha_{\omega+1}} - \Pi_0) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	
-(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega \cdot 2}.((\omega^2) - \pi - \Pi_0 -)^{\alpha_{\omega \cdot 2}} - \Pi_0) - \Pi_0)$
-(5,3,2)(5,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(5,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega:3}.((\omega^2)-\pi-\Pi_0-)^{\alpha_{\omega\cdot3}}-\Pi_0)-\Pi_0)$
-(4,3,2)(5,3,1)(6,4,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot3}.((\omega)-\pi-\Pi_0-)))=\Pi_0)$
-(7,4,2)(7,4,0)(6,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(((\omega^2) - \pi - \Pi_0 -)^{1,0})$
-(3,2,0)(2,2,2)(3,2,2)	$\varphi(((\omega) - \kappa - \Pi_0 -))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(((\omega^2) - \pi - \Pi_0 -)^{1,0,0})$
-(3,2,0)(3,2,0)(2,2,2)(3,2,2)	$\varphi(((\omega), \pi, \Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,1)	$\psi(1-(\omega^2)-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((\omega^2) - \pi - \Pi_0 - (\omega^2) - \pi - \Pi_1)$
-(3,2,1)(2,2,2)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi((\omega^2) - \pi - \Pi_1 (\omega^2) - \pi - \Pi_0 - (\omega^2) - \pi - \Pi_1)$
-(3,2,1)(2,2,2)(3,2,2)(3,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(((\omega^2) - \pi - \Pi_1 (\omega^2)$
-(3,2,1)(3,2,0)(2,2,2)	$-\pi - \Pi_0 -)^{\alpha_\omega} (\omega^2) - \pi - \Pi_1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(((\omega^2) - \pi - \Pi_1 \ (\omega^2))$
-(3,2,1)(3,2,0)(2,2,2)(3,2,2)	$-\pi - \Pi_0 -)^{1,0} (\omega^2) - \pi - \Pi_1))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-(\omega^2)-\pi-\Pi_1-(\omega^2)-\pi-\Pi_1)$
-(3,2,2)(3,2,1)(3,2,1)	, (, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-(\omega^2)-\pi-\Pi_2)$
-(3,2,2)(3,2,1)(4,2,1)	$= \psi(1 - \lambda \alpha.((\Pi_0 - \Pi_0)[2] \ 2 - (\Pi_0 - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1-(\omega^2)-\pi-\Pi_3)$
-(3,2,1)(4,2,1)(5,2,1)	$= \psi(1 - \lambda \alpha.((\Pi_0 - \Pi_0)[2] \ \Pi_3) - \Pi_1)$
	$\psi((\omega^2 + 1) - \pi - (+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$= \psi(\lambda \alpha.(\lambda \alpha_{\omega^2}.(\alpha_{\omega^2} + 1) - \Pi_0) - \Pi_0)$
-(3,2,2)(3,2,1)(4,3,0)	$= \psi(\lambda \alpha.((\Pi_0 - \Pi_0)[2] \lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,1)(4,3,1)(5,4,0)	$\psi((\omega^2 + 2) - \pi - (+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi((\omega^2+\omega)-\pi-\Pi_0)$
-(3,2,2)(3,2,1)(4,3,2)	$= \psi(\lambda \alpha.((\Pi_0 - \Pi_0)[2] \ \lambda \beta.(\Pi_0[2]) - \Pi_0) - \Pi_0)$
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	$\psi((\omega^2 \cdot 2) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$= \psi(\lambda \alpha.((\Pi_0 - \Pi_0)[2])$
-(3,2,1)(4,3,2)(5,3,2)	7, 7, 2
	$\lambda \beta . ((\Pi_0 - \Pi_0)[2]) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)	$\psi((\omega^3)-\pi-\Pi_0)$
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	$= \psi(\lambda \alpha.((\Pi_0 - \Pi_0 - \Pi_0)[2]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\omega - \pi - \Pi_0 - (\omega^3) - \pi - \Pi_0)$
-(3,2,2)(3,2,2)(2,2,2)	$\psi(\omega-\pi-\Pi_0-(\omega_0)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	$\psi((\omega^3) - \pi - \Pi_0 \ \omega - \pi - \Pi_0 - (\omega^3) - \pi - \Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(5,3,2)	$\psi((\omega^*) - \pi - \Pi_0 \ \omega - \pi - \Pi_0 - (\omega^*) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)-	$\psi((\omega \cdot 2) - \pi - \Pi_0 - (\omega^3) - \pi - \Pi_0)$
-(5,3,2)(5,3,2)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((\omega^2) - \pi - \Pi_0 - (\omega^3) - \pi - \Pi_0)$
-(3,2,2)(2,2,2)(3,2,2)	$\psi((\omega_{-})-\pi-\Pi_{0}-(\omega_{-})-\pi-\Pi_{0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	
-(2,2,2)(3,2,2)(3,2,1)(4,3,2)-	$\psi((\omega^2 \cdot 2) - \pi - \Pi_0 - (\omega^3) - \pi - \Pi_0)$
-(5,3,2)(5,3,2)(4,3,2)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((\omega^3) - \pi - \Pi_0 - (\omega^3) - \pi - \Pi_0)$
-(3,2,2)(2,2,2)(3,2,2)(3,2,2)	$\psi((\omega^*) - \pi - \Pi_0 - (\omega^*) - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega^3) - \pi - \Pi_0))^{\alpha_{\omega}} - \Pi_0) - \Pi_0)$
-(3,2,2)(3,2,0)(2,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\omega)-\pi-\Pi_0-))^{-\omega}-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega^2}.((\omega^3) - \pi - \Pi_0 -)^{\alpha_{\omega^2}} - \Pi_0) - \Pi_0)$
-(3,2,2)(3,2,0)(2,2,2)(3,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2}.((\omega)-\pi-\Pi_0-)^{\omega^2}-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	$\psi(((\omega^3) - \pi - \Pi_0) -)^{1,0})$
-(3,2,0)(2,2,2)(3,2,2)(3,2,2)	$\psi(((\omega_0)-\pi-\Pi_0)-)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-(\omega^3)-\pi-\Pi_1)$
-(3,2,2)(3,2,2)(3,2,1)	$\psi(1 - (\omega) - \kappa - \mathbf{H}_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((\omega^3+1)-\pi-(+1)-\Pi_0)$
-(3,2,2)(3,2,1)(4,3,0)	$\psi((\omega+1)-\kappa-(+1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((\omega^3+\omega)-\pi-\Pi_0)$
-(3,2,2)(3,2,1)(4,3,2)	$\psi((\omega + \omega) - \kappa - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((\omega^3+\omega^2)-\pi-\Pi_0)$
-(3,2,2)(3,2,1)(4,3,2)(5,3,2)	$\varphi((\omega + \omega) - \kappa - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	$\psi((\omega^3\cdot 2)-\pi-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(5,3,2)	$\varphi((\omega + 2) + \kappa + 110)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi((\omega^4)-\pi-\Pi_0)$
-(3,2,2)(3,2,2)(3,2,2)	$\varphi((\omega_j - n - \Pi_0))$
(0.0.0)(1.1.1)(2.2.2)(2.2.2)(4.0.0)	$\psi((\omega^\omega)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{\omega}[2]) - \Pi_0)$
(0.0.0)(4.4.1)(5.2.0)(5.2.0)(4.4.1)	$\psi(\Omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{\Omega}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(1,1,0)(2,2,1)(3,3,2)(4,3,2)-	$\psi((\Omega+1)-\pi-(+1)-\Pi_0)$
-(5,1,0)(4,3,1)(5,4,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(1,1,0)(2,2,1)(3,3,2)(4,3,2)(5,1,0)	$\psi((\Omega \cdot 2) - \pi - \Pi_0)$
-(4,3,1)(5,4,2)(6,4,2)(7,1,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	//O - H)
-(1,1,0)(2,2,1)(3,3,2)(4,3,2)(5,2,0)	$\psi(\Omega_2-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\Omega_{\omega}-\pi-\Pi_{0})$
-(3,2,2)(4,1,0)(1,1,1)	$\psi(\Omega_{\omega} - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(1,1,1)(2,1,1)(3,1,0)(4,2,1)	$\psi(I-\pi-\Pi_0)$
-(5,3,2)(6,3,2)(7,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(1,1,1)(2,1,1)(3,1,1)(4,1,0)(5,2,1)-	$\psi(K-\pi-\Pi_0)$
-(6,3,2)(7,3,2)(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\alpha.(\alpha+1)-\Pi_0)-\pi-\Pi_0)-\Pi_0)$
-(4,1,0)(1,1,1)(2,2,0)	$\varphi(\text{Nat.}((\text{Nat.}(a+1)-110)-n-110))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\alpha.(\omega-\pi-\Pi_0)-\Pi_0)-\pi-\Pi_0)-\Pi_0)$
-(4,1,0)(1,1,1)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
-(3,2,2)(4,1,0)(2,0,0)	$=\psi(\lambda\alpha.((\Pi_0-)^{\alpha}[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
-(3,2,2)(4,1,0)(2,1,1)	$\psi(1-\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha - \pi - \Pi_0) - \Pi_0)$
-(3,2,2)(4,1,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0-\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0-\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
-(6,2,2)(7,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((1-)^{1,0,0}) \text{ aft } \alpha - \pi - \Pi_0) - \Pi_0)$
-(4,1,0)(2,2,0)(3,2,0)(4,2,0)	$\psi(n\alpha.((1)) \text{and} \alpha = n - 110) - 110)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-\lambda\alpha.(2 \text{ aft } \alpha-\pi-\Pi_0)-\Pi_1)$
-(3,2,2)(4,1,0)(2,2,1)	φ(1 /\all(2 and α // 110) 111)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 - \alpha - \pi - \Pi_0) - \Pi_0)$
-(3,2,2)(4,1,0)(2,2,2)	, , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.((\omega^2)-\pi-\Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)	$\omega - \pi - \Pi_0 - \alpha - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda lpha.(\Omega-\pi-\Pi_0$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,1,0)	$\omega - \pi - \Pi_0 - \alpha - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda \alpha.(\alpha-\pi-\Pi_0$
-(2,2,2)(3,2,1)(4,3,2)-	
-(5,3,2)(6,1,0)(2,0,0)	$\omega - \pi - \Pi_0 - \alpha - \pi - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	
-(6,1,0)(3,1,0)(2,0,0)	$\omega - \pi - \Pi_0 -)^{\alpha} \alpha - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	
-(6,1,0)(3,2,0)(2,2,2)	$(\omega - \pi - \Pi_0 -)^{1,0} \alpha - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,2,2)(3,2,1)(4,3,2)-	$\psi(1-\lambda\alpha.(\omega-\pi-\Pi_1-\alpha-\pi-\Pi_0)-\Pi_1)$
-(5,3,2)(6,1,0)(3,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(1-\lambda\alpha.(\omega-\pi-\Pi_1-$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	
-(6,1,0)(3,2,1)(3,2,1)	$\omega - \pi - \Pi_1 - \alpha - \pi - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(1 - \lambda \alpha.(\omega - \pi - \Pi_2 \omega -$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	
-(6,1,0)(3,2,1)(4,2,1)	$\pi - \Pi_1 - \alpha - \pi - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,1,0)	
-(3,2,1)(4,2,2)(5,2,2)(6,1,0)(2,0,0)	$\omega - \pi - \Pi_1 - \alpha - \pi - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,2,2)(3,2,1)(4,3,2)-	$\psi(1-\lambda\alpha.(\omega-\pi-\Pi_2-\alpha-\pi-\Pi_0)-\Pi_1)$
-(5,3,2)(6,1,0)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-$
-(2,2,2)(3,2,1)(4,3,2)-	
-(5,3,2)(6,1,0)(4,3,0)	$\lambda \alpha_{\omega}.(\alpha-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.((\omega\cdot 2)-\pi-\Pi_0-\alpha-\pi-\Pi_0)-\Pi_0)$
-(5,3,2)(6,1,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$ab(\lambda \alpha)((a^2) - \Pi - \alpha - \Pi) \Pi $
-(4,1,0)(2,2,2)(3,2,2)	$\psi(\lambda\alpha.((\omega^2) - \pi - \Pi_0 - \alpha - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,1,0)(2,2,2)(3,2,2)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0-\alpha-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
-(4,1,0)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^-)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{\Omega_{\alpha+1}})-\Pi_0)$
-(4,1,0)(3,1,1)	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{\alpha+1})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,1,0)(3,2,0)	$\psi(\lambda\alpha.(\lambda\beta.((\alpha-\pi-\Pi_0-)^{\beta})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\alpha-\pi-\Pi_0-)^{\alpha_{\omega}})-\Pi_0)-\Pi_0)$
-(4,1,0)(3,2,0)(2,2,2)	$\psi(\wedge\alpha.(\wedge\alpha_{\omega}.((\alpha-\pi-\Pi_0-)^{-})-\Pi_0)-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega^2}.((\alpha - \pi - \Pi_0 -)^{\alpha_{\omega^2}}) - \Pi_0) - \Pi_0)$
-(4,1,0)(3,2,0)(2,2,2)(3,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2}.((\alpha-\pi-\Pi_0-)^{\omega^2})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{1,0})-\Pi_0)$
-(3,2,0)(2,2,2)(3,2,2)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 - (\alpha - \pi - \Pi_0 -)^{1,0}) - \Pi_0)$
-(3,2,0)(2,2,2)(3,2,2)(4,1,0)(2,2,2)	$\psi(\lambda\alpha.(\omega-\kappa-\Pi_0-(\alpha-\kappa-\Pi_0-))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(3,2,0)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{1,1})-\Pi_0)$
-(2,2,2)(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(3,2,0)(2,2,2)(3,2,2)(4,1,0)(3,2,0)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{2,0})-\Pi_0)$
-(2,2,2)(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{\omega,0})-\Pi_0)$
-(4,1,0)(3,2,0)(3,0,0)	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(3,2,0)(3,2,0)(2,2,2)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{1,0,0})-\Pi_0)$
-(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-\lambda\alpha.(\alpha-\pi-\Pi_1)-\Pi_1)$
-(3,2,2)(4,1,0)(3,2,1)	$\psi(1-\lambda\alpha.(\alpha-\kappa-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\alpha+1)-\pi-(+1)-\Pi_0)-\Pi_0)$
-(4,1,0)(3,2,1)(4,3,0)	$\psi(\lambda\alpha.((\alpha+1)-n-(+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha+\omega)-\pi-\Pi_0)-\Pi_0)$
-(4,1,0)(3,2,1)(4,3,2)	$\varphi(\mathcal{M}(\alpha,(\alpha+\omega)-1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha+\omega^2)-\pi-\Pi_0)-\Pi_0)$
-(4,1,0)(3,2,1)(4,3,2)(5,3,2)	$\psi(n\alpha.((\alpha + \omega) + n + n)) = n + n$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.((\alpha\cdot 2)-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,1,0)(2,0,0)	$\psi(n\alpha.((\alpha 2) + 110) + 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(3,2,1)(4,3,2)(5,3,2)(6,1,0)(4,2,1)-	$\psi(\lambda\alpha.((\alpha\cdot3)-\pi-\Pi_0)-\Pi_0)$
-(5,3,2)(6,3,2)(7,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.((\alpha \cdot \omega) - \pi - \Pi_0) - \Pi_0)$
-(3,2,2)(4,1,0)(3,2,2)	γ (πα.((α ω) π 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda lpha.((lpha \cdot \omega^2) - \pi - \Pi_0) - \Pi_0)$
-(4,1,0)(3,2,2)(3,2,2)	ψ(πα.((α ω) π 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha^2)-\pi-\Pi_0)-\Pi_0)$
-(4,1,0)(3,2,2)(4,1,0)(2,0,0)	ψ (παι ((α) " 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha^{\alpha})-\pi-\Pi_0)-\Pi_0)$
-(4,1,0)(4,1,0)(2,0,0)	φ (((α) " 110) 110)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0)-\pi-\Pi_0)-\Pi_0)$
-(3,2,2)(4,1,0)(5,2,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.$
-(4,1,0)(5,2,1)(6,3,2)	$(\omega - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.$
-(5,2,1)(6,3,2)(7,3,2)(8,1,0)(2,0,0)	$(\alpha - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.$
-(5,2,1)(6,3,2)(7,3,2)(8,2,0)(6,0,0)	$(lpha' - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	7, () 21, 2
-(2,2,2)(3,2,2)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0-\Omega_{\alpha+1}-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)	//) //)
-(2,2,2)(3,2,2)(4,1,0)(3,2,2)	$\psi(\lambda \alpha.((\alpha \cdot \omega) - \pi - \Pi_0 - \Omega_{\alpha+1} - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0) - \pi - \Pi_0 - \Omega_{\alpha+1} - \pi - \Pi_0) - \Pi_0)$
-(2,2,2)(3,2,2)(4,1,0)(5,2,0)	$\psi(\mathcal{M}_{\alpha+1}(0))$ $\mathcal{M}_{\alpha+1}(0)$ $\mathcal{M}_{\alpha+1}(0)$ $\mathcal{M}_{\alpha+1}(0)$ $\mathcal{M}_{\alpha+1}(0)$ $\mathcal{M}_{\alpha+1}(0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\alpha-\pi-\Pi_0)))$
-(2,2,2)(3,2,2)(4,1,0)(5,2,1)-	$-\Pi_0) - \pi - \Pi_0 - \Omega_{\alpha+1} - \pi - \Pi_0) - \Pi_0$
-(6,3,2)(7,3,2)(8,1,0)(2,0,0)	3, 3, 3,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'-\pi-\Pi_0)))$
-(2,2,2)(3,2,2)(4,1,0)(5,2,1) - (6,3,2)(7,3,2)(8,2,0)(6,0,0)	$-\Pi_0) - \pi - \Pi_0 - \Omega_{lpha+1} - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	
-(2,2,2)(3,2,2)(4,1,0)(5,2,1)-	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\alpha'+1}-\pi-\Pi_0)$
-(6,3,2)(7,3,2)(8,2,1)	$-\Pi_0) - \pi - \Pi_0 - \Omega_{\alpha+1} - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	
-(2,2,2)(3,2,2)(4,1,0)(5,2,1)(6,3,2)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha-\pi-\Pi_0-\Omega_{\alpha'+1}$
-(7,3,2)(8,2,1)(6,3,2)-	$-\pi - \Pi_0) - \Pi_0) - \pi - \Pi_0 - \Omega_{\alpha+1} - \pi - \Pi_0) - \Pi_0$
-(7,3,2)(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\Omega_{\alpha+1} - \pi - \Pi_0 - \Omega_{\alpha'+1}))))$
-(2,2,2)(3,2,2)(4,1,0)(5,2,1)(6,3,2)-	$-\pi - \Pi_0) - \Pi_0) - \pi - \Pi_0 - \Omega_{\alpha+1} - \pi - \Pi_0) - \Pi_0)$
-(7,3,2)(8,2,1)(6,3,2)(7,3,2)(8,2,0)	3, 3, 3 1, 2
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1})$
-(4,1,1)(2,2,2)(3,2,2)(4,1,1)	$-\pi - \Pi_0 - \Omega_{\alpha+1} - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1-\lambda\alpha.(\Omega_{\alpha+1}-\pi-\Pi_1)-\Pi_1)$
-(4,1,1)(3,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,1,1)(3,2,1)(4,3,2)	$\psi(\lambda\alpha.((\Omega_{\alpha+1}+\omega)-\pi-\Pi_0)-\Pi_0)$
$\frac{-(4,1,1)(3,2,1)(4,3,2)}{(0,0,0)(1,1,1)(2,2,2)(3,2,2)}$	+
-(4,1,1)(3,2,1)(4,3,2)(5,3,2)	$\psi(\lambda\alpha.((\Omega_{\alpha+1}+\omega^2)-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	$\psi(\lambda\alpha.((\Omega_{\alpha+1}+\alpha)-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,1,0)(2,0,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	//) //(0 2) [1] [1]
-(3,2,1)(4,3,2)(5,3,2)(6,1,1)	$\psi(\lambda\alpha.((\Omega_{\alpha+1}\cdot 2)-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	
-(3,2,1)(4,3,2)(5,3,2)(6,1,1)-	$\psi(\lambda\alpha.((\Omega_{\alpha+1}\cdot 3)-\pi-\Pi_0)-\Pi_0)$
-(5,3,1)(6,4,2)(7,4,2)(8,1,1)	
(0,0,0)(1,1,1)(2,2,2)-	(() · ((O - ·) - H) H)
-(3,2,2)(4,1,1)(3,2,2)	$\psi(\lambda\alpha.((\Omega_{\alpha+1}\cdot\omega)-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	:h():: ((O ::) - H) H)
-(4,1,1)(3,2,2)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.((\Omega_{\alpha+1}\cdot\alpha)-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\Omega_{\alpha+1}{}^2) - \pi - \Pi_0) - \Pi_0)$
-(4,1,1)(3,2,2)(4,1,1)	$\psi(\lambda\alpha.((\Omega_{\alpha+1})-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,2,2)(4,1,1)(5,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(0) - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}-\pi-\Pi_0)-\Pi_0)$
-(3,2,2)(4,1,1)(5,2,1)	$\psi(\lambda\alpha.(\mathfrak{L}_{\alpha+2}-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}-\pi-\Pi_0)-\Pi_0)$
-(4,1,1)(5,2,1)(6,0,0)	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\Omega_{\Omega_{\alpha+1}} - \pi - \Pi_0) - \Pi_0)$
-(4,1,1)(5,2,1)(6,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}-\kappa-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(0) - \pi - \Pi_0) - \Pi_0)$
-(4,1,1)(5,2,1)(6,2,0)	$\psi(\mathcal{M}(\psi_{I_{\alpha+1}}(0))) = \Pi(0) = \Pi(0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(I_{\alpha+1}-\pi-\Pi_0)-\Pi_0)$
-(4,1,1)(5,2,1)(6,2,1)	$\varphi(n\alpha,(1_{\alpha+1} n 11_0) 11_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)-\pi-\Pi_0)-\Pi_0)$
-(4,1,1)(5,2,1)(6,3,0)	φ(πα.((πρ.(ρ + 1) 110) π 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	$\psi(\lambda \alpha.((\lambda \beta.(\Omega_{\beta+1}) - \Pi_1) - \pi - \Pi_0) - \Pi_0)$
-(5,2,1)(6,3,0)(7,3,0)(8,2,1)	φ (πωπ ((πρ.(12ρ+1) 121) π 120)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\Omega_{\beta+2}) - \Pi_1) - \pi - \Pi_0) - \Pi_0)$
-(4,1,1)(5,2,1)(6,3,1)	φ (παπ.((πρ.(15ρ+2) 111) π 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\omega-\pi-\Pi_0)-\Pi_0)-\pi-\Pi_0)-\Pi_0)$
-(4,1,1)(5,2,2)	\$ (\tag{1.50} \tag{2.50} \tag{1.50} \tag{1.50}
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\omega-\pi-\Pi_1)-\Pi_1)-\pi-\Pi_0)-\Pi_0)$
-(4,1,1)(5,2,2)(6,2,1)	7 (((
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\omega^2)-\pi-\Pi_0)-\Pi_0)-\pi-\Pi_0)-\Pi_0)$
-(4,1,1)(5,2,2)(6,2,2)	7 ((7 (7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\alpha-\pi-\Pi_0)-\Pi_0)-\pi-\Pi_0)-\Pi_0)$
-(5,2,2)(6,2,2)(7,1,0)(2,0,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\Omega_{\alpha+1}-\pi-\Pi_0)-\Pi_0)-\pi-\Pi_0)-\Pi$
-(5,2,2)(6,2,2)(7,1,1)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\beta.(\beta+1)$
-(5,2,2)(6,2,2)(7,1,1)(8,2,1)(9,3,0)	$-\Pi_0) - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
	$\psi(\lambda \alpha.((\lambda \beta.(\beta - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	$= \psi(\lambda \alpha.(\lambda \beta.((\Pi_0 -)^{\beta}[2]) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-(\lambda\beta.$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)(3,3,2)	$(eta - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta-\pi-\Pi_0)-\Pi_0)-\pi-\Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)-	
-(3,3,2)(4,3,2)(5,2,0)	$-(\lambda \beta . (\beta - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) - \\ -(2,2,1)(3,3,2)(4,3,2)(5,2,1) \end{array} $	$\psi(\lambda\alpha.((\lambda\beta.(\Omega_{\beta+1}-\pi-\Pi_0)-\Pi_0)-\pi-\Pi_0)-\Pi_0)$
(0.0.0)/1.1.1)/0.0.0)/0.0.0)/4.0.0)	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\gamma-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) - (2,2,1)(3,3,2)(4,3,2)(5,3,0)	$-\pi - \Pi_0) - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(3,3,0)	$= \psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.((\Pi_0 -)^{\gamma}[2]) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\alpha_{\omega}-\pi-\Pi_0)-\Pi_0)-\pi-\Pi_0)-\Pi_0)$
-(3,2,2)(4,2,0)(2,2,2)	$= \psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\Pi_0 -)^{\alpha_{\omega}}[2]) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\lambda \alpha_{\omega^2}.(\alpha_{\omega^2} - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
-(4,2,0)(2,2,2)(3,2,2)	$\varphi(\text{Net.}((\text{Net}_{\omega^2}.(\text{et}_{\omega^2} \text{ if } \text{II}_0) \text{ if } \text{II}_0)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.((\lambda\alpha_{\alpha}.(\alpha_{\alpha}-\pi-\Pi_{0})-\Pi_{0})-\pi-\Pi_{0})-\Pi_{0})$
-(2,2,2)(3,2,2)(4,1,0)(2,0,0)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) - (2,2,2)(3,2,2)(4,2,0)	$\psi(\lambda \alpha.((\lambda \alpha_{\alpha_1}.(\alpha_{\alpha_1} - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	
-(2,2,2)(3,2,2)(4,2,0)(2,2,2)	$\psi(\lambda \alpha.((\lambda \alpha_{\alpha_{\omega}}.(\alpha_{\alpha_{\omega}} - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi((1,0)-\pi-\Pi_0)$
-(3,2,2)(4,2,0)(3,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{1,0}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\omega - \pi - \Pi_0 - (1,0) - \pi - \Pi_0)$
-(4,2,0)(3,0,0)(2,2,2)	$\psi(\omega = n + 110 - (1,0) = n + 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda \alpha.(\alpha - \pi - \Pi_0 - (1,0) - \pi - \Pi_0) - \Pi_0)$
-(3,0,0)(2,2,2)(3,2,2)(4,1,0)(2,0,0)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta-\pi-\Pi_0-(1,0)$
-(3,0,0)(2,2,2)(3,2,2)(4,2,0)	$-\pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi((1,0) - \pi - \Pi_0 - (1,0) - \pi - \Pi_0)$
-(3,0,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((1,0)-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
$ \begin{array}{c c} -(4,2,0)(3,1,0)(2,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)- \end{array} $	
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,0)(3,2,0)(2,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((1,0)-\pi-\Pi_0-)^{\alpha_{\omega}})-\Pi_0)-\Pi_0)$
-(4,2,0)(3,2,0)(2,2,2)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(((1,0)-\pi-\Pi_0-)^{1,0})$
-(3,2,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	$\psi(((1,0)-\pi-\Pi_0-)^{-\gamma_0})$
(0,0,0)(1,1,1)(2,2,2)-	.//1 (1.0) — П.)
-(3,2,2)(4,2,0)(3,2,1)	$\psi(1 - (1,0) - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	и(1 (1 0) — П)
-(4,2,0)(3,2,1)(4,2,1)	$\psi(1-(1,0)-\pi-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{1,0}.(\alpha_{1,0}+1)-\Pi_0)-\Pi_0)$
-(4,2,0)(3,2,1)(4,3,0)	$= \psi((1,1) - \pi - (+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	///1 \ H \
-(4,2,0)(3,2,1)(4,3,2)	$\psi((1,\omega)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((1,\omega^2)-\pi-\Pi_0)$
-(4,2,0)(3,2,1)(4,3,2)(5,3,2)	$\psi((1,\omega_0)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.((1,\alpha)-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.((1,\alpha)-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.((1,\Omega_{\alpha+1})-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,1,1)	$\psi(\lambda \alpha.((1,22_{\alpha+1})-\kappa-11_0)-11_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.((1,\lambda\beta.(\beta+1)$
-(3,2,1)(4,3,2)(5,3,2)-	$-\Pi_0) - \pi - \Pi_0) - \Pi_0) - \Pi_0$
-(6,1,1)(7,2,1)(8,3,0)	$-11_0) = n - 11_0) - 11_0) - 11_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda \alpha.(\lambda \beta.((1,\beta)-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)	$\varphi(n\alpha.(n\beta.((1,\beta)-n-110)-110)-110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((1,\alpha_{\omega}) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)(2,2,2)	φ (πωτ(πωων ((1, ωω) π 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)	$\psi(\lambda \alpha.(\lambda \alpha_{1,0}.(\alpha_{1,0} - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{1,0}.((\alpha_{1,0}+1)-\pi-$
-(3,2,1)(4,3,2)(5,3,2)-	$(+1) - \Pi_0) - \Pi_0) - \Pi_0$
-(6,2,0)(5,3,1)(6,4,0)	(1-7)0707
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)(5,3,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{1,0}.((\alpha_{1,0} \cdot 2) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(6,4,2)(7,4,2)(8,2,0)(2,2,2)-	7 (1,0 ((1,0)
-(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	$\psi(\lambda\alpha.(\lambda\alpha_{1,0}.((\alpha_{1,0}\cdot\omega)-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)(5,3,2)	, (1,0 ((1,0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	$\psi(\lambda \alpha.(\lambda \alpha_{1,0}.((\Omega_{\alpha_{1,0}+1}) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,2,1)	3,0
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{1,0}.(\lambda\alpha_{1,1}.(\alpha_{1,1}$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)	$-\pi - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{1,0}.(\lambda\alpha_{1,\omega}.(\alpha_{1,\omega}$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(4,3,2)	$-\pi - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi((2,0)-\pi-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(5,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{2,0}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi((3,0) - \pi - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(5,3,1)	
-(6,4,2)(7,4,2)(8,4,0)(7,0,0)	$= \psi(\lambda \alpha . ((\Pi_0 -)^{3,0}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi((\omega,0)-\pi-\Pi_0)$
-(3,2,2)(4,2,0)(3,2,2)	$\varphi((\omega,0) - \kappa - 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha,0)-\pi-\Pi_0)-\Pi_0)$
-(4,2,0)(3,2,2)(4,1,0)(2,0,0)	φ (παι ((α, σ) π = 1-0) = 1-0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.((\beta,0)-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,2,0)(3,2,2)(4,2,0)	///1 0 0) T
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi((1,0,0)-\pi-\Pi_0)$
-(4,2,0)(3,2,2)(4,2,0)(3,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{1,0,0}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi((1@\omega)-\pi-\Pi_0)$
-(3,2,2)(4,2,0)(4,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{1@\omega}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi((1@(1,0)) - \pi - \Pi_0)$
-(4,2,0)(4,2,0)(3,0,0)	$= \psi(\lambda \alpha . ((\Pi_0 -)^{1@(1,0)}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi((1-)^{1,0} \text{ aft } \lambda \alpha.(\Pi_3[2]) - \Pi_1)$
-(3,2,2)(4,2,0)(5,3,0)	y((1)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1-\lambda\alpha.(\Pi_3[2])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1-\lambda\alpha.(\Pi_3[2])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0-\lambda\alpha.(\Pi_3[2])-\Pi_1)$
-(3,2,2)(4,2,1)(2,2,0)	7 (. ten (e. 1 =) ==0 . ten (==3[=]) ==1)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda \alpha.(\Pi_3[2]) - \Pi_1)$
-(4,2,1)(2,2,0)(3,2,0)(4,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\Pi_0[2]) - \Pi_0 - \lambda\alpha.(\Pi_3[2]) - \Pi_1)$
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ -(2,2,0)(3,2,0)(4,1,1)(5,2,2) - \end{array} $	$\psi(\lambda\alpha.((\Pi_0-)^{\alpha}[2]) - \Pi_0 - \lambda\alpha.(\Pi_3[2]) - \Pi_1)$
-(6,2,2)(7,1,0)(2,0,0)	$\psi(\lambda \alpha.(\Pi_0-)^{-1}[2])=\Pi_0-\lambda \alpha.(\Pi_3[2])=\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\Pi_0-)^{\beta}[2])-\Pi_0)$
-(5,2,2)(6,2,2)(7,2,0)	$-\Pi_0 - \lambda \alpha. (\Pi_3[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$ab(\lambda_{\alpha_0}(\lambda_{\alpha_0})) = ((\Pi_{\alpha_0}(\alpha_0)))$
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\Pi_0-)^{\alpha_{\omega}}[2]))$
-(6,2,2)(7,2,0)(2,2,2)	$-\Pi_0$) $-\Pi_0 - \lambda \alpha . (\Pi_3[2]) - \Pi_1)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)-	$\psi(\lambda \alpha.((\Pi_0-)^{1,0}[2]) - \Pi_0 - \lambda \alpha.(\Pi_3[2]) - \Pi_1)$
-(6,2,2)(7,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi(\lambda \alpha.((\Pi_0-)^{1,0,0}[2]) - \Pi_0 - \lambda \alpha.(\Pi_3[2]) - \Pi_1)$
-(6,2,2)(7,2,0)(7,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)-	$\psi(\lambda \alpha.((\Pi_0-)^{1,0}[2]) - \Pi_0 - \lambda \alpha.(\Pi_3[2]) - \Pi_1)$
-(6,2,2)(7,2,0)(8,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)-	$\psi(1 - \lambda \alpha.(\Pi_3[2]) - \Pi_1 - \lambda \alpha.(\Pi_3[2]) - \Pi_1)$
-(5,2,2)(6,2,2)(7,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi((\lambda\alpha.(\Pi_3[2]) - \Pi_1 -)^{\omega})$
-(6,2,2)(7,2,1)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi(1-\lambda\alpha.(\lambda\beta.(\Pi_3[2])-\Pi_1)-\Pi_2)$
-(6,2,2)(7,2,1)(3,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)(6,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_3[2]) - \Pi_1 + 1) - \Pi_0)$
-(7,2,1)(3,1,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_3[2]) - \Pi_1 \cdot \omega) - \Pi_0)$
-(6,2,2)(7,2,1)(3,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi(\lambda \alpha.((1-)^{1,0} \text{ aft } \lambda \beta.(\Pi_3[2]) - \Pi_1) - \Pi_0)$
-(6,2,2)(7,2,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((1-)^{1,0,0} \text{ aft } \lambda \beta.(\Pi_3[2]) - \Pi_1) - \Pi_0)$
-(4,2,1)(2,2,0)(3,2,0)(4,2,0)	$\varphi(\mathcal{M}(1)) = \lim_{N \to \infty} \mathcal{M}(113[2]) = \lim_{N \to \infty} \mathcal{M}(113[2])$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1 - \lambda \alpha.(2 \text{ aft } \lambda \beta.(\Pi_3[2]) - \Pi_1) - \Pi_1)$
-(3,2,2)(4,2,1)(2,2,1)	φ(1 /κα.(2 ωι /γ.(113[2]) 111) 111)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.(\lambda \beta.(\lambda \gamma.(2 \text{ aft } \Pi_3[2]) - \Pi_1) - \Pi_1) - \Pi_1)$
-(2,2,1)(3,3,2)(4,3,2)(5,3,1)(3,3,1)	$\psi(1) \approx (N\beta \cdot (N\beta$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\Pi_0[2] \ 1 - \Pi_3[2]) - \Pi_0)$
-(3,2,2)(4,2,1)(2,2,2)	$\psi(\wedge \alpha.(\Pi_0[2] \ 1 - \Pi_3[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Pi_0 - \Pi_0)[2] \ 1 - \Pi_3[2]) - \Pi_0)$
-(4,2,1)(2,2,2)(3,2,2)	7 ((
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Pi_0-)^{\alpha}[2]\ 1-\Pi_3[2])-\Pi_0)$
-(4,2,1)(2,2,2)(3,2,2)(4,1,0)(2,0,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\mu(\lambda, \lambda) = \mu(\lambda, \lambda) = \mu(\lambda) = \mu$
-(4,2,1)(2,2,2)(3,2,2)(4,2,0)	$\psi(\lambda \alpha.(\lambda \beta.((\Pi_0 -)^{\beta}[2] \ 1 - \Pi_3[2]) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\Pi_0-)^{1,0}[2]\ 1-\Pi_3[2])-\Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)(3,0,0)	$\psi(\lambda\alpha.((\Pi_0-) + [2] + \Pi_3[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.((\Pi_0-)^{1,0,0}[2]\ 1-\Pi_3[2])-\Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)(4,2,0)(3,0,0)	$\psi(\lambda \alpha.((\Pi_0-)) - [2] + [\Pi_3[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\Pi_0-)^{1,0}[2]\ 1-\Pi_3[2])-\Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)(5,3,0)	$\psi(\text{Nat.}((\Pi_0^-)^-)^-)^- = \Pi_3[2]) = \Pi_0^-)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 1 - \Pi_3[2]) - \Pi_1)$
-(4,2,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1 \mid \lambda \alpha.(113[2] \mid 1 \mid 113[2]) \mid 111)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\Pi_0[2] \ 1 - \Pi_3[2] \ 1 - \Pi_3[2]) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,1)(2,2,2)	φ(πα.(110[2] 1 113[2] 1 113[2]) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 1 - \Pi_3[2] \ 1 - \Pi_3[2]) - \Pi_1)$
-(2,2,2)(3,2,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.((\Pi_3[2]\ 1-)^{\omega}\ \Pi_3[2])-\Pi_0)$
-(3,2,2)(4,2,1)(3,0,0)	ψ (/(113[2] 1) 113[2]) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\Pi_3[2]\ 1-)^{\alpha}\ \Pi_3[2])-\Pi_0)$
-(4,2,1)(3,1,0)(2,0,0)	\$ (\tag{\frac{1}{2}} \tag{2} \tag{2} \tag{2}
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Pi_3[2]\ 1-)^{\alpha_{\omega}}\ \Pi_3[2])-\Pi_0)-\Pi_0)$
-(4,2,1)(3,2,0)(2,2,2)	φ (/\loo_(/\loo_ω\(\frac{1-3}{2-1}\) = -3[=]/ = -0/ = 1-0/
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{1,0}.(\Pi_3[2]\ 1-)^{\alpha_{1,0}}\ \Pi_3[2])-\Pi_0)-\Pi_0)$
-(3,2,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	7 ((1,0 (5[]
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\Pi_3[2] \ 1-)^{1,0} \ \Pi_3[2]) - \Pi_1)$
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)	7 (3[]) 3[]) 1)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,0)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\Pi_3[2]\ 1-)^{1,\alpha}\ \Pi_3[2])-\Pi_0)$
-(4,2,1)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\Pi_3[2]\ 1-)^{1,\beta}\ \Pi_3[2]) - \Pi_0) - \Pi_0)$
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)(3,2,0)	, ((, ()[]
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\Pi_3[2] \ 1-)^{2,0} \ \Pi_3[2]) - \Pi_1)$
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Pi_3[2]\ 1-)^{\omega,0}\ \Pi_3[2])-\Pi_0)$
-(4,2,1)(3,2,0)(3,0,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\lambda\alpha.((\Pi_3[2]\ 1-)^{\alpha,0}\ \Pi_3[2])-\Pi_0)$
-(4,2,1)(3,2,0)(3,1,0)(2,0,0)	/ (
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1 - \lambda \alpha.((\Pi_3[2] \ 1-)^{1,0,0} \ \Pi_3[2]) - \Pi_1)$
-(3,2,0)(3,2,0)(2,2,2)(3,2,2)(4,2,1)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	//). //п [a] 1 \1@# п [a] \ п \
-(4,2,1)(3,2,0)(4,0,0)	$\psi(\lambda \alpha.((\Pi_3[2]\ 1-)^{1@\omega}\ \Pi_3[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\Pi_3[2]\ 1-)^{1@\alpha}\ \Pi_3[2])-\Pi_0)$
-(4,2,1)(3,2,0)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\Pi_3[2] 1-) \Pi_3[2]) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\Pi_3[2]\ 1-)^{1,0}\ \Pi_3[2])-\Pi_0)$
-(4,2,1)(3,2,0)(4,3,0)	$\varphi(\text{Met.}((113[2] 1) 113[2]) 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 2 - \Pi_3[2]) - \Pi_1)$
-(4,2,1)(3,2,1)	, ((),)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 1 - \Pi_3[2] \ 2 - \Pi_3[2]) - \Pi_1)$
-(3,2,1)(2,2,2)(3,2,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 2 - \Pi_3[2]$
-(3,2,1)(2,2,2)(3,2,2)(4,2,1)(3,2,1)	$1 - \Pi_3[2] \ 2 - \Pi_3[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 2 - \Pi_3[2] \ 2 - \Pi_3[2]) - \Pi_1)$
-(4,2,1)(3,2,1)(3,2,1)	, (()[]
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Pi_3[2]\ 2-)^{\omega}\ \Pi_3[2])-\Pi_0)$
-(4,2,1)(3,2,1)(4,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1 - \lambda \alpha.((\Pi_3[2] \ 2-)^{1,0} \ \Pi_3[2]) - \Pi_1)$
$\begin{array}{c c} -(3,2,1)(4,2,0)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(0,2,2)(3,2,2) \end{array}$	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 3 - \Pi_3[2]) - \Pi_1)$
$ \begin{array}{c} -(4,2,1)(3,2,1)(4,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) - \end{array} $	
-(3,2,1)(4,2,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 1 - \Pi_3[2] \ 3 - \Pi_3[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,1)(4,2,1)(2,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 2 - \Pi_3[2] \ 1$
-(3,2,2)(4,2,1)(3,2,1)	$-\Pi_3[2] \ 3 - \Pi_3[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	//1
-(3,2,1)(4,2,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 3 - \Pi_3[2] \ 1$
-(4,2,1)(3,2,1)(4,2,1)	$-\Pi_3[2] \ 3 - \Pi_3[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 3 - \Pi_3[2] \ 2$
-(3,2,1)(4,2,1)(3,2,1)(4,2,1)	$-\Pi_3[2] \ 3 - \Pi_3[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	.//1). /п [о] э н [о] э н [о] у н \
-(3,2,1)(4,2,1)(4,2,1)	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 3 - \Pi_3[2] \ 3 - \Pi_3[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \Pi_4) - \Pi_1)$
-(3,2,1)(4,2,1)(5,2,1)	$\psi(1 - \lambda \alpha.(113[2] 114) - 111)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ \Pi_5) - \Pi_1)$
-(3,2,1)(4,2,1)(5,2,1)(6,2,1)	$\psi(1 - \lambda \alpha \cdot (113[2] \cdot 115) - 111)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
-(4,2,1)(3,2,1)(4,3,0)	7 ((5[-] / / / / / / / / / / / / / / / / / / /
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ \lambda \beta.(\beta + 1) - \Pi_1) - \Pi_1)$
-(4,2,1)(3,2,1)(4,3,0)(5,2,1)	γ (1 ·····(125[2] · γν·(ν + 1) · 111) · 111)

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\Pi_3[2] \lambda \beta.(\beta+2) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,0)(5,2,1)(6,3,0)	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\beta+2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\Pi_3[2] \lambda \beta.(\beta + \omega) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,0)(5,3,0)	$\psi(\lambda \alpha.(\Pi_3[2] \lambda \beta.(\beta + \omega) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\beta+\alpha)-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,0)(5,3,0)(6,1,0)(2,0,0)	$\varphi(\lambda \alpha.(113[2] \lambda \beta.(\beta + \alpha) - 110) - 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_1.(\Pi_3[2]\ \lambda\beta.(\beta+\alpha_1)-\Pi_0)-\Pi_0)-\Pi_0))$
-(3,2,1)(4,3,0)(5,3,0)(6,2,0)	φ (παι(πα].(113[2] πρ.(ρ + α]) 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\Pi_3[2] \lambda \beta.(\beta + \alpha_{\omega}) - \Pi_0) - \Pi_0) - \Pi_0))$
-(3,2,1)(4,3,0)(5,3,0)(6,2,0)(2,2,2)	φ (παι(παω.(113[2] πρ.(ρ + αω) 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,1)(4,3,0)(5,3,0)(6,2,0)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\beta\cdot 2) - \Pi_0) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,1)(4,3,0)(5,3,0)(6,2,0)(5,2,1)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\beta\cdot3) - \Pi_0) - \Pi_0)$
-(6,3,0)(7,3,0)(8,2,0)(2,2,2)-	, ('0')
-(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\beta\cdot\omega) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,0)(5,3,0)(6,2,0)(5,3,0)	7 (31) 7 () 0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\psi_{\Omega_{\beta+1}}(0)) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,0)(5,3,0)(6,2,0)(7,3,0)	, ('SI'I' , ('SPFI'))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \lambda \beta.(\Omega_{\beta+1}) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,0)(5,3,0)(6,2,1)	, ("[] , (" -) -)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \lambda \beta.(\Omega_{\beta+2}) - \Pi_1) - \Pi_1)$
-(4,2,1)(3,2,1)(4,3,1)	, (
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(1 - \lambda \alpha.(\Pi_3[2] \lambda \beta.(I_{\beta+1}) - \Pi_1) - \Pi_1)$
-(4,2,1)(3,2,1)(4,3,1)(5,3,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1 - \lambda \alpha.(\Pi_3[2] \lambda \beta.(M_{\beta+1}) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,1)(5,3,1)(6,3,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ \lambda \beta.(K_{\beta+1}) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,1)(5,3,1)(6,3,1)(7,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,1)(5,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\Pi_3[2]\ \lambda\beta.(\Pi_0[2]) - \Pi_0) - \Pi_0)$
-(4,2,1)(3,2,1)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\lambda \alpha.(\Pi_3[2] \ \lambda \beta.((\Pi_0 - \Pi_0)[2]) - \Pi_0) - \Pi_0)$
-(4,2,1)(3,2,1)(4,3,2)(5,3,2)	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.((\Pi_0-)^{\alpha}[2])-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,1)(4,3,2)(5,3,2)(6,1,0)(2,0,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)-	$\psi(\lambda \alpha.(\Pi_3[2] \ \lambda \beta.((\Pi_0-)^{\beta}[2]) - \Pi_0) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \lambda \beta.((\Pi_0 -)^{\Omega_{\beta+1}}[2]) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,2)(5,3,2)(6,2,1)	$\psi(1-\lambda\alpha.(\Pi_3[2] \lambda\beta.((\Pi_0-) - \Pi_2) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\Pi_3[2] \ \lambda \beta.(\lambda \beta_1.(\Pi_0-)^{\beta_1}[2]) - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)	$ \begin{array}{c c} \psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\lambda\beta_1.(\Pi_0-) [2]) - \Pi_0) - \Pi_0) - \Pi_0) \end{array} $
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\lambda\beta_1.$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(4,3,1)	
-(5,4,2)(6,4,2)(7,4,0)	$(\lambda \beta_2 \cdot (\Pi_0 -)^{\beta_2} [2]) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\Pi_3[2] \lambda \beta.(\lambda \beta_\omega.(\Pi_0-)^{\beta_\omega}[2]) - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(4,3,2)	$\psi(\text{Acc.}(113[2] \text{ Ap.}(\text{Ap}_{\omega}.(110-) [2]) - 110) - 110) - 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\Pi_3[2] \lambda \beta.((\Pi_0-)^{1,0}[2]) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(5,0,0)	$\varphi(\text{Acc.}(\text{II3}[2] \text{Ap.}((\text{II0}) 2]) \text{II0}) \text{II0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.((\Pi_0-)^{1,0}[2]) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(7,4,0)	φ(πα:(113[2] πρ:((110) [2]) 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \lambda \beta.(\Pi_3[2]) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,1)	ψ(1 /\α.(115[2] /\β.(115[2]) 111) 111)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,1)(4,3,2)(5,3,2)(6,3,1)	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ \lambda \beta.(\Pi_3[2] \ 1 - \Pi_3[2]) - \Pi_1) - \Pi_1)$
-(4,3,2)(5,3,2)(6,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \lambda \beta.(\Pi_3[2] 2 - \Pi_3[2]) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,1)(5,3,1)	/((()
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,1)(4,3,2)(5,3,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ \lambda \beta.(\Pi_3[2] \ 3 - \Pi_3[2]) - \Pi_1) - \Pi_1)$
-(6,3,1)(5,3,1)(6,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\Pi_3[2]$
-(3,2,1)(4,3,2)(5,3,2)-	$\lambda \gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
-(6,3,1)(5,3,1)(6,4,0)	(11) 120) 120)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\Pi_3[2] \lambda\gamma.$
-(3,2,1)(4,3,2)(5,3,2)-	$(\Pi_0[2]) - \Pi_0) - \Pi_0) - \Pi_0)$
-(6,3,1)(5,3,1)(6,4,2)	(0[-]/0/0/
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\Pi_3[2] \lambda\gamma.$
-(3,2,1)(4,3,2)(5,3,2)(6,3,1)-	$((\Pi_0-)^{\alpha}[2])-\Pi_0)-\Pi_0)-\Pi_0)$
-(5,3,1)(6,4,2)(7,4,2)(8,1,0)(2,0,0)	((0) []) -0)0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	,/(), (H [a]) 2 /H [a])
-(3,2,1)(4,3,2)(5,3,2)(6,3,1)(5,3,1)-	$\psi(\lambda\alpha.(\Pi_3[2] \lambda\beta.(\Pi_3[2] \lambda\gamma.$
-(6,4,2)(7,4,2)(8,2,0)(2,2,2)-	$((\Pi_0 -)^{\beta}[2]) - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,2,2)(4,2,0)(3,0,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)- $-(3,2,1)(4,3,2)(5,3,2)(6,3,1)(5,3,1)-$ $-(6,4,2)(7,4,2)(8,3,0)(4,3,2)(5,3,2)-$ $-(6,3,0)(5,0,0)$	$\psi(\lambda \alpha.(\Pi_3[2] \ \lambda \beta.(\Pi_3[2] \ \lambda \gamma.$ $((\Pi_0 -)^{\gamma}[2]) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)- $-(3,2,1)(4,3,2)(5,3,2)(6,3,1)-$ $-(5,3,1)(6,4,2)(7,4,2)(8,4,0)(7,0,0)$	$\psi(\lambda \alpha.(\Pi_3[2] \ \lambda \beta.(\Pi_3[2] \ \lambda \gamma.$ $((\Pi_0-)^{1,0}[2]) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2) - (3,2,2)(4,2,1)(3,2,2)	$\psi(\lambda\alpha.((\Pi_0 - \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)(3,2,2)(2,2,2)(3,2,2)(4,2,1)	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 1 - (\Pi_0 - \Pi_3)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-(3,2,2)(2,2,2)(3,2,2)(4,2,1)(3,2,2)	$\psi(\lambda \alpha.((\Pi_0 - \Pi_3)[2] \ 1 - (\Pi_0 - \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) - (3,2,2)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.(((\Pi_0 - \Pi_3)[2] \ 1-)^{\alpha} \ (\Pi_0 - \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-(3,2,2)(3,2,0)(2,2,2)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(((\Pi_0 - \Pi_3)[2] \ 1-)^{\alpha_{\omega}}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) - (3,2,2)(3,2,0)(2,2,2)(3,2,2)(4,2,1)	$(\Pi_{0} - \Pi_{3})[2]) - \Pi_{0}) - \Pi_{0})$ $\psi(\lambda \alpha.(\lambda \alpha_{\xi}.(((\Pi_{0} - \Pi_{3})[2] \ 1-)^{\xi})$ $(\Pi_{0} - \Pi_{3})[2]) - \Pi_{0}) - \Pi_{0}),$ when ξ is min{ $\alpha_{\xi} = \xi \mid \xi$ is $_{3}[2]$ reflecting ordinal}.
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)- $-(3,2,2)(3,2,0)(2,2,2)-$ $-(3,2,2)(4,2,1)(3,2,2)$	$\psi(\lambda \alpha.(((\Pi_0 - \Pi_3)[2] \ 1-)^{1,0} \ (\Pi_0 - \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)- $-(3,2,2)(3,2,0)(3,2,0)(2,2,2)-$ $-(3,2,2)(4,2,1)(3,2,2)$	$\psi(\lambda\alpha.(((\Pi_0 - \Pi_3)[2] \ 1-)^{1,0,0} \ (\Pi_0 - \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,1)(3,2,2)(3,2,0)(4,3,0)$	$\psi(\lambda\alpha.(((\Pi_0 - \Pi_3)[2] \ 1-)^{1,0} \ (\Pi_0 - \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,1)(3,2,2)(3,2,1)$	$\psi(1 - \lambda \alpha.((\Pi_0 - \Pi_3)[2] \ 2 - (\Pi_0 - \Pi_3)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,1)(3,2,2)(3,2,1)(3,2,1)$	$\psi(1 - \lambda \alpha.((\Pi_0 - \Pi_3)[2] \ 2$ $-(\Pi_0 - \Pi_3)[2] \ 2 - (\Pi_0 - \Pi_3)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,1)(3,2,2)(3,2,1)(4,2,1)$	$\psi(1 - \lambda \alpha.((\Pi_0 - \Pi_3)[2] \Pi_3) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,1)(3,2,2)(3,2,1)(4,2,1)(5,2,1)$	$\psi(1 - \lambda \alpha.((\Pi_0 - \Pi_3)[2] \Pi_4) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,1)(3,2,2)(3,2,1)(4,3,0)$	$\psi(\lambda\alpha.((\Pi_0 - \Pi_3)[2] \lambda\beta.(\beta + 1) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(3,2,2)(3,2,1)(4,3,2)	$\psi(\lambda\alpha.((\Pi_0 - \Pi_3)[2] \ \lambda\beta.(\Pi_0[2]) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\Pi_0 - \Pi_3)[2] \lambda \beta.(\Pi_3[2]) - \Pi_1) - \Pi_1)$
-(3,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,1)	$\psi(1 - \lambda \alpha.((\Pi_0 - \Pi_3)[2] \lambda \beta.(\Pi_3[2]) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1-\lambda\alpha.((\Pi_0-\Pi_3)[2]$
-(3,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,1)-	, (, , , , , , , , , , , , , , , , , ,
-(5,3,1)(6,4,2)(7,4,2)(8,4,1)	$\lambda \beta.(\Pi_3[2] \ \lambda \gamma.(\Pi_3[2]) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.((\Pi_0 - \Pi_3)[2] \lambda \beta.((\Pi_0 - \Pi_3)[2]) - \Pi_0) - \Pi_0)$
-(5,3,2)(6,3,1)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(3,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,1)-	$\psi(\lambda\alpha.((\Pi_0-\Pi_3)[2]\ \lambda\beta.((\Pi_0-\Pi_3)[2]$
-(5,3,2)(5,3,1)(6,4,2)-	$\lambda \gamma.((\Pi_0 - \Pi_3)[2]) - \Pi_0) - \Pi_0) - \Pi_0)$
-(7,4,2)(8,4,1)(7,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\Pi_0 - \Pi_0 - \Pi_3)[2]) - \Pi_0)$
-(4,2,1)(3,2,2)(3,2,2)	$\psi(\lambda \alpha.((\Pi_0 - \Pi_0 - \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(((\Pi_0 -)^{\omega} \Pi_3)[2]) - \Pi_0)$
-(4,2,1)(3,2,2)(4,0,0)	$\psi(\lambda\alpha.((\Pi_0-)\Pi_3)[2])=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(((\Pi_0-)^{\alpha} \Pi_3)[2]) - \Pi_0)$
-(4,2,1)(3,2,2)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.((\Pi_0-)\Pi_3)[2])=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(((\Pi_0-)^{\alpha_{\omega}} \Pi_3)[2]) - \Pi_0) - \Pi_0)$
-(4,2,1)(3,2,2)(4,2,0)(2,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_\omega.((\Pi_0-)\Pi_3)[2])-\Pi_0)=\Pi_0)$
(0,0,0)/1,1,1)(0,0,0)/2,2,0)/4,0,1)	$\psi(\lambda \alpha.(\lambda \alpha_{\xi}.(((\Pi_0-)^{\xi} \Pi_3)[2]) - \Pi_0) - \Pi_0),$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
-(3,2,2)(4,2,0)(2,2,2)(3,2,2)(4,2,1)	ξ is $\Pi_3[2]$ reflecting ordinal}.
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda \alpha.(\lambda \alpha_{\xi}.(((\Pi_{0}-)^{\xi}\Pi_{3})[2])-\Pi_{0})-\Pi_{0}),$
-(3,2,2)(4,2,0)(2,2,2)-	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
-(3,2,2)(4,2,1)(3,2,2)	ξ is $(\Pi_0 - \Pi_3)[2]$ reflecting ordinal}.
	$\psi(\lambda \alpha.(\lambda \alpha_{\mathcal{E}}.(((\Pi_0-)^{\xi}\Pi_3)[2])-\Pi_0)-\Pi_0),$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	, , , , , , , , , , , , , , , , , , , ,
-(3,2,2)(4,2,0)(2,2,2)(3,2,2)-	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
-(4,2,1)(3,2,2)(4,1,0)(2,0,0)	ξ is $((\Pi_0-)^{\alpha}\Pi_3)[2]$ reflecting ordinal}.
	$\psi(\lambda \alpha.(\lambda \alpha_{\xi}.(((\Pi_0-)^{\xi} \Pi_3)[2]) - \Pi_0) - \Pi_0),$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
-(3,2,2)(4,2,0)(2,2,2)(3,2,2)(4,2,1)-	ξ is $((\Pi_0-)^{\eta} \Pi_3)[2]$ reflecting ordinal},
-(3,2,2)(4,2,0)(2,2,2)(3,2,2)(4,2,1)	η is $\min\{\alpha_n=\eta\mid$
	η is $\Pi_3[2]$ reflecting ordinal}.
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(3,2,2)(4,2,0)(3,0,0)	$\psi(\lambda\alpha.(((\Pi_0-)^{1,0}\ \Pi_3)[2])-\Pi_0)$
$(\neg, \bot, \bot)(0, \bot, \bot)(\neg, \bot, \cup)(0, 0, \cup)$	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(((\Pi_0-)^{1,1}\ \Pi_3)[2])-\Pi_0)$
-(4,2,1)(3,2,2)(4,2,0)(3,2,2)	$\psi(\lambda \alpha.((\Pi_0-) - \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(((\Pi_0-)^{2,0}\ \Pi_3)[2])-\Pi_0)$
-(3,2,2)(4,2,0)(3,2,2)(4,2,0)(3,0,0)	$\psi(\lambda \alpha.((\Pi_0-) - \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(((\Pi_0-)^{1,0,0}\ \Pi_3)[2])-\Pi_0)$
-(3,2,2)(4,2,0)(4,2,0)(3,0,0)	$\psi(\wedge \alpha.(((\Pi_0-)\Pi_3)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(((\Pi_0-)^{1,,0}\ \Pi_3)[2])-\Pi_0)$
-(4,2,1)(3,2,2)(4,2,0)(5,3,0)	ψ(πα.(((110) 113)[2]) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 \ \Pi_0 - \Pi_3)[2]) - \Pi_1)$
-(4,2,1)(3,2,2)(4,2,1)	φ(1 /α((113 110 113)[2]) 111)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\Pi_3 \ \Pi_0 - \Pi_3)[2]$
-(3,2,2)(4,2,1)(3,2,1)(4,3,2)-	$\lambda \beta.((\Pi_3 \ \Pi_0 - \Pi_3)[2]) - \Pi_1) - \Pi_1)$
-(5,3,2)(6,3,1)(5,3,2)(6,3,1)	7/2.((113 110 113)[2]) 111) 111)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\Pi_0 - \Pi_3 \Pi_0 - \Pi_3)[2]) - \Pi_0)$
-(4,2,1)(3,2,2)(4,2,1)(3,2,2)	7 (((0 3 0 3)[]) 0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 \ \Pi_0 - \Pi_3 \ \Pi_0 - \Pi_3)[2]) - \Pi_1)$
-(4,2,1)(3,2,2)(4,2,1)(3,2,2)(4,2,1)	, ((0 0 0 0 0 0, 1)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(((\Pi_3 \ \Pi_0-)^{\omega} \ \Pi_3)[2]) - \Pi_0)$
-(3,2,2)(4,2,1)(4,0,0)	, (((3 3) 3)[])
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(((\Pi_3 \ \Pi_0-)^{\alpha} \ \Pi_3)[2]) - \Pi_0)$
-(4,2,1)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(((\Pi_3 \ \Pi_0-)^{1,0} \ \Pi_3)[2])-\Pi_0)$
-(4,2,1)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 - \Pi_3)[2]) - \Pi_1)$
-(3,2,2)(4,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 - \Pi_3 - \Pi_3)[2]) - \Pi_1)$
-(4,2,1)(4,2,1)(4,2,1) $(0,0,0)(1,1,1)(2,2,2)-$	
-(3,2,2)(4,2,1)(5,0,0)	$\psi(\lambda\alpha.(((\Pi_3-)^{\omega})[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.(((\Pi_3-)^{\alpha})[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(5,2,0)(2,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\Pi_3-)^{\alpha_{\omega}})[2])-\Pi_0)-\Pi_0)$
(-,-,-)(<,-,-)(-,-,-)	$\psi(\lambda\alpha.(\lambda\alpha_{\varepsilon}.((\Pi_3-)^{\xi})[2])-\Pi_0)-\Pi_0),$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
-(5,2,0)(2,2,2)(3,2,2)(4,2,1)	
	ξ is $\Pi_3[2]$ reflecting ordinal}.
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda \alpha.(\lambda \alpha_{\xi}.((\Pi_3-)^{\xi})[2]) - \Pi_0) - \Pi_0),$
-(5,2,0)(2,2,2)(3,2,2)-	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
-(4,2,1)(5,1,0)(2,0,0)	ξ is $(\Pi_3-)^{\alpha}[2]$ reflecting ordinal}.

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(((\Pi_3-)^{1,0})[2]) - \Pi_0)$
-(4,2,1)(5,2,0)(3,0,0)	$\psi(\lambda\alpha.(((\Pi_3-)^{-\epsilon})[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(((\Pi_3-)^{1,,0})[2])-\Pi_0)$
-(4,2,1)(5,2,0)(6,3,0)	$\psi(\lambda \alpha.((\Pi_3-)))[2])=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1-\lambda\alpha.(\Pi_4[2])-\Pi_1)$
-(3,2,2)(4,2,1)(5,2,1)	φ(1 /(α((14[2]) 11))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Pi_0-\Pi_4)[2])-\Pi_0)$
-(4,2,1)(5,2,1)(3,2,2)	/ ((0 1/1 1/ 0/
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 \ \Pi_0 - \Pi_4)[2]) - \Pi_1)$
-(4,2,1)(5,2,1)(3,2,2)(4,2,1)	, ((3 3 2)[]) 2)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(1 - \lambda \alpha.((\Pi_4 \ \Pi_0 - \Pi_4)[2]) - \Pi_1)$
-(4,2,1)(5,2,1)(3,2,2)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 - \Pi_4)[2]) - \Pi_1)$
-(4,2,1)(5,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\Pi_4 \ \Pi_3 - \Pi_4)[2]) - \Pi_1)$
-(4,2,1)(5,2,1)(4,2,1)(5,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,1)(5,2,1)(5,2,1)	$\psi(1 - \lambda \alpha.((\Pi_4 - \Pi_4)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(5,2,1)(6,2,1)	$\psi(1-\lambda\alpha.(\Pi_5[2])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,2,2)(4,2,1)(5,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-$
-(4,2,1)(5,3,0)(5,3,0)	$\Pi_0 - \lambda \beta . (\beta + 1) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(5,3,0)(6,2,1)	$\psi(1 - \lambda \alpha.((\lambda \beta.(\beta + 1) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(5,3,0)(6,2,1)(7,2,1)	$\psi(1-\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_2)[2])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	(/) (/) 0 (0 0) 7 (0)
-(4,2,1)(5,3,0)(6,2,1)(7,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+2)-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	//> //> //> //> H \[\text{Id} \]
-(4,2,1)(5,3,0)(6,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+\omega)-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	д () с (() д (д + с) — П)[a]) — П)
-(5,3,0)(6,3,0)(7,1,0)(2,0,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+\alpha)-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\lambda \beta.(\beta + \alpha_{\omega}) - \Pi_0)[2]) - \Pi_0) - \Pi_0)$
-(5,3,0)(6,3,0)(7,2,0)(2,2,2)	$\psi(\wedge\alpha.(\wedge\alpha_{\omega}.((\wedge\beta.(\beta+\alpha_{\omega})-\Pi_0)[2])-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\xi}.((\lambda\beta.(\beta+\xi)-\Pi_0)[2])-\Pi_0)-\Pi_0),$
-(5,3,0)(6,3,0)(7,2,0)-	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
-(2,2,2)(3,2,2)(4,2,1)	ξ is $\Pi_3[2]$ reflecting ordinal $\}$.

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\xi}.((\lambda\beta.(\beta+\xi)-\Pi_{0})[2])-\Pi_{0})-\Pi_{0}),$
-(5,3,0)(6,3,0)(7,2,0)(2,2,2)-	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
-(3,2,2)(4,2,1)(5,2,1)	ξ is $\Pi_4[2]$ reflecting ordinal}.
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\xi}.((\lambda\beta.(\beta+\xi)-\Pi_0)[2])-\Pi_0)-\Pi_0),$
-(5,3,0)(6,3,0)(7,2,0)(2,2,2)-	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
-(3,2,2)(4,2,1)(5,3,0)	ξ is $(\lambda \beta.(\beta + 1) - \Pi_0)[2]$ reflecting ordinal}.
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,0)(6,3,0)(7,2,0)(3,0,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta\cdot 2)-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\beta \cdot 2) - \Pi_1)[2]) - \Pi_1)$
-(5,3,0)(6,3,0)(7,2,0)(6,2,1)	$\psi(1-\lambda\alpha.((\lambda\beta.(\beta\cdot 2)-\Pi_1)[2])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,0)(6,3,0)(7,2,0)(6,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta\cdot3)-\Pi_0)[2])-\Pi_0)$
-(7,3,0)(8,3,0)(9,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta\cdot\omega)-\Pi_0)[2])-\Pi_0)$
-(5,3,0)(6,3,0)(7,2,0)(6,3,0)	7 ((/2 /
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,0)(6,3,0)(7,2,0)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta\cdot\alpha)-\Pi_0)[2])-\Pi_0)$
-(6,3,0)(7,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	(/) (/) 0 (0 ²) H (0) H)
-(5,3,0)(6,3,0)(7,2,0)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta^2) - \Pi_0)[2]) - \Pi_0)$
-(6,3,0)(7,2,0)(3,0,0)	
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) - \\ -(5,3,0)(6,3,0)(7,2,0)(7,2,0)(3,0,0) \end{vmatrix} $	$\psi(\lambda\alpha.((\lambda\beta.(\beta^{\beta}) - \Pi_0)[2]) - \Pi_0)$
$ \begin{array}{c c} -(3,3,0)(0,3,0)(7,2,0)(7,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) - \end{array} $	
-(5,3,0)(6,3,0)(7,2,0)(8,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\psi_{\Omega_{\beta+1}}(0))-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
$\begin{array}{c} (5,3,0)(6,3,0)(7,2,1) \\ -(5,3,0)(6,3,0)(7,2,1) \end{array}$	$\psi(1-\lambda\alpha.((\lambda\beta.(\Omega_{\beta+1})-\Pi_1)[2])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)	
-(3,2,2)(4,2,1)(5,3,1)	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Omega_{\beta+2}) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	()(().0.(O) H.\[0]\ H.\
-(4,2,1)(5,3,1)(6,0,0)	$\psi(\lambda\alpha.((\lambda\beta.(\Omega_{\beta+\omega})-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(I_{\beta+1})-\Pi_1)[2])-\Pi_1)$
-(4,2,1)(5,3,1)(6,3,1)	$\psi(1-\lambda\alpha.((\lambda\rho.(1\beta+1)-111)[2])-111)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(M_{\beta+1}) - \Pi_1)[2]) - \Pi_1)$
-(4,2,1)(5,3,1)(6,3,1)(7,3,1)	$\varphi(1 \cap Au.((A\varphi.(M\beta+1) \cap M1)[2]) \cap M1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(K_{\beta+1}) - \Pi_1)[2]) - \Pi_1)$
-(4,2,1)(5,3,1)(6,3,1)(7,3,1)(8,3,1)	r (···· (('r · (p + 1) 1) []) 1)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\lambda \beta_1.(\beta_1 + 1) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
-(4,2,1)(5,3,1)(6,4,0)	/ (((((((((((((((((((

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	,l() , (() \(\rho\) (\rho\) (\
-(4,2,1)(5,3,1)(6,4,0)(7,4,0)	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\beta_1+\omega)-\Pi_0)-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.((\lambda \beta.(\lambda \beta_1.(\beta_1 + \alpha) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
-(5,3,1)(6,4,0)(7,4,0)(8,1,0)(2,0,0)	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\beta_1+\alpha)-\Pi_0)-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\beta_1+\beta)-\Pi_0)-\Pi_0)[2])-\Pi_0)$
-(5,3,1)(6,4,0)(7,4,0)(8,2,0)(3,0,0)	$\varphi(\lambda\alpha.((\lambda\beta.(\lambda\beta).(\beta)+\beta)-\Pi_0)-\Pi_0)[2])=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\beta_1\cdot 2)-\Pi_0)-\Pi_0)[2])-\Pi_0)$
-(5,3,1)(6,4,0)(7,4,0)(8,3,0)	\$ (\text{(\text{\text{(\text{\text{\text{(\text{\tiny{\tint{\text{\tinit}\\ \text{\texit{\ti}\tint{\text{\text{\text{\text{\text{\text{\text{\texi}\tint{\tinit}\text{\text{\text{\text{\texi}\tint{\text{\texit{\texi}\tin}\text{\text{\text{\text{\text{\texi\tin\tint{\texitil{\text{\texi\tint{\texit{\texi{\texi{\texi}\tint{\texit{\texit{\ti}\t
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\beta_1\cdot\omega)-\Pi_0)-\Pi_0)[2])-\Pi_0)$
-(5,3,1)(6,4,0)(7,4,0)(8,3,0)(7,4,0)	7 (((7 (7 1 (7 1))))))))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	2.
-(5,3,1)(6,4,0)(7,4,0)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\beta_1^2) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
-(8,3,0)(7,4,0)(8,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\beta_1^{\beta_1}) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
-(5,3,1)(6,4,0)(7,4,0)(8,3,0)(8,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\psi_{\Omega_{\beta_1+1}}(0))-\Pi_0)-\Pi_0)[2])-\Pi_0)$
$\begin{array}{c c} -(5,3,1)(6,4,0)(7,4,0)(8,3,0)(9,4,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,2)(4,2,1) \end{array}$	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) - (5,3,1)(6,4,0)(7,4,0)(8,3,1)	$\psi(1-\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\Omega_{\beta_1+1})-\Pi_1)-\Pi_1)[2])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(5,3,1)(6,4,1)	$\psi(1-\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\Omega_{\beta_1+2})-\Pi_1)-\Pi_1)[2])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(5,3,1)(6,4,1)(7,4,1)	$\psi(1 - \lambda \alpha.((\lambda \beta.(\lambda \beta_1.(I_{\beta_1+1}) - \Pi_1) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\lambda\beta_2.(\beta_2+1)$
-(5,3,1)(6,4,1)(7,5,0)	$-\Pi_0) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\lambda\beta_2.(\lambda\beta_3.(\beta_3+1)$
-(5,3,1)(6,4,1)(7,5,1)(8,6,0)	$-\Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$
-(3,2,2)(4,2,1)(5,3,2)	$= \psi(2 - \pi - (\Pi_0[2]) - [2] - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	(/) (T [a] 4 () 0 (T [a]) T ([a])
-(4,2,1)(5,3,2)(2,2,2)	$\psi(\lambda \alpha.(\Pi_0[2] \ 1 - (\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0)[2]$
-(5,3,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2)	$1 - (\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]$
-(4,2,1)(5,3,2)(3,2,1)	$2 - (\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2]) - \Pi_0)[2]$
-(4,2,1)(5,3,2)(3,2,1)(4,3,0)	$\lambda \beta . (\beta + 1) - \Pi_0 - (\lambda \beta . (\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0)[2]$
-(4,2,1)(5,3,2)(3,2,1)(4,3,2)	$\lambda \beta.(\Pi_0[2]) - \Pi_0 - (\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0)[2]$
-(5,3,2)(3,2,1)(4,3,2)(5,3,2)	$\lambda \beta . ((\Pi_0 - \Pi_0)[2]) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]$
-(5,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,1)	$\lambda\beta.(\Pi_3[2])-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0)[2]$
-(5,3,2)(3,2,1)(4,3,2)-	, (((, (, []) , , , []
-(5,3,2)(6,3,1)(7,4,0)	$\lambda\beta.((\lambda\gamma.(\gamma+1)-\Pi_0)[2])-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0)[2]$
-(5,3,2)(3,2,1)(4,3,2)-	$\lambda \beta.((\lambda \gamma.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0) - \Pi_0)$
-(5,3,2)(6,3,1)(7,4,2)	$N\beta \cdot ((N\beta \cdot (110[2]) - 110)[2]) - 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0)[2]$
-(5,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,1)	$\lambda \beta.((\lambda \gamma.(\Pi_0[2]) - \Pi_0)[2]$
-(7,4,2)(5,3,1)(6,4,2)	$\lambda \gamma.((\lambda \delta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0) - \Pi_0) - \Pi_0)$
-(7,4,2)(8,3,1)(9,4,2)	, ((()[])
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,1)(5,3,2)(3,2,2)	$\psi(\lambda\alpha.((\Pi_0 - \lambda\beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0$
-(5,3,2)(3,2,2)(4,2,1)(5,3,2)	$\Pi_0 - \lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1-\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0))$
-(5,3,2)(4,2,1)(5,3,2)	$\Pi_3 - \lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0$
-(4,2,1)(5,3,2)(5,3,0)	$\lambda \beta.(\beta+1) - \Pi_0 - \lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[2]) - \Pi_0 - \Psi(\lambda \alpha.((\lambda \beta.((\lambda ((\lambda \beta.((\lambda ((\lambda \beta.((\lambda ((\lambda \beta.((\lambda \beta.((\lambda \beta.((\lambda \beta.((\lambda \beta.((\lambda \beta.((\lambda ((\lambda \beta.((\lambda ((\lambda ((\lambda ((\lambda ((\lambda ((\lambda ((\lambda ((\lambda ((\lambda ((\lambda$
-(5,3,2)(5,3,0)(6,3,0)(7,2,1)(8,3,2)	$\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	
-(5,3,2)(5,3,0)(6,3,0)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\lambda \beta_1.(\Pi_0[2]))$
-(7,2,1)(8,3,2)(6,2,1)	$-\Pi_0) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	ald a (() 8 () 8 (H [9])
-(5,3,2)(5,3,0)(6,3,0)(7,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\Pi_0[2]) - \Pi_0[2])))$
-(8,3,2)(6,2,1)(7,3,0)	$\Pi_0+1)-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(2 \text{ aft})$
-(4,2,1)(5,3,2)(5,3,1)	$\lambda \beta_1.(\Pi_0[2]) - \Pi_0) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(2\mathrm{nd}$
-(5,3,2)(5,3,1)(6,3,2)	$\lambda \beta_1.(\Pi_0[2]) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(2\mathrm{nd}$
-(5,3,2)(5,3,1)(6,4,2)(6,3,1)(7,5,2)	$\lambda \beta_2.(\Pi_0[2]) - \Pi_0) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	φ() ο. (() β (Π [9] 1 - Π [9]) - Π ([9]) - Π ([9])
-(4,2,1)(5,3,2)(5,3,2)	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[2]\ 1 - \Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(\Pi_0[2]$
-(4,2,1)(5,3,2)(6,3,1)	$(2 - \Pi_0[2]) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2]$
-(4,2,1)(5,3,2)(6,3,1)(7,4,2)	$\lambda \gamma.(\Pi_0[2]) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0 - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(4,2,1)(5,3,2)(6,3,2)	, (((, (() 3)[1]) 3)[1]
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) - (5,3,2)(6,3,2)(7,1,0)(2,0,0)	$\psi(\lambda\alpha.((\lambda\beta.((\Pi_0-)^{\alpha}[2])-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_1.((\lambda\beta.((\Pi_0-)^{\alpha_1}[2])$
-(5,3,2)(6,3,2)(7,2,0)	$-\Pi_0)[2])-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\lambda\beta.((\Pi_0-)^{\alpha_{\omega}}[2])$
-(5,3,2)(6,3,2)(7,2,0)(2,2,2)	$-\Pi_0)[2])-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-(5,3,2)(6,3,2)(7,2,0)(3,0,0)	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0-)^{\beta}[2])-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.((\Pi_0-)^{\beta_1}[2])$
-(5,3,2)(6,3,2)(7,3,0)	$-\Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_{\omega}.((\Pi_0-)^{\beta_{\omega}}[2])$
-(5,3,2)(6,3,2)(7,3,0)(5,3,2)	$-\Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	, , , , , ,
-(5,3,2)(6,3,2)(7,3,0)(4,0,0)	$\psi(\lambda\alpha.((\lambda\beta.((\Pi_0-)^{1,0}[2])-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_3[2]) - \Pi_1)[2]) - \Pi_1)$
-(5,3,2)(6,3,2)(7,3,1)	, ((, ()) 1) 1)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) - (5,3,2)(6,3,2)(7,3,1)(8,3,1)	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_4[2]) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\gamma+1)$
-(5,3,2)(6,3,2)(7,3,1)(8,4,0)	$-\Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	7 2 27 7
-(5,3,2)(6,3,2)(7,3,1)(8,4,0)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\gamma\cdot 2) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(9,4,0)(10,3,0)(8,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1-\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Omega_{\gamma+1})$
-(5,3,2)(6,3,2)(7,3,1)-	$-\Pi_1)[2]) - \Pi_1)[2]) - \Pi_1)$
-(8,4,0)(9,4,0)(10,3,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\lambda \beta.((\lambda \gamma.(\Omega_{\gamma+2}))))))$
-(5,3,2)(6,3,2)(7,3,1)(8,4,1)	$-\Pi_1)[2]) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1-\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\lambda\gamma_1.(\lambda\gamma_1.(\gamma_1+1)$
-(5,3,2)(6,3,2)(7,3,1)(8,4,1)(9,5,0)	$-\Pi_0) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$

BMS	方括号稳定
(0.0.0)/1.1.1/(0.0.0)/(0.0.0)/(0.0.1)	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[2])$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$-\Pi_0)[2])-\Pi_0)[2])-\Pi_0)$
-(5,3,2)(6,3,2)(7,3,1)(8,4,2)	$= \psi(3 - \pi - (\Pi_0[2]) - [2] - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.((\Pi_0-\Pi_0)[2])$
-(5,3,2)(6,3,2)(7,3,1)(8,4,2)(9,4,2)	$-\Pi_0)[2])-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\lambda \beta.((\lambda \gamma.(\Pi_3[2])$
-(5,3,2)(6,3,2)(7,3,1)-	(() (() () () [])
-(8,4,2)(9,4,2)(10,4,1)	$-\Pi_1)[2]) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \gamma.((\lambda \delta.(\delta+1)$
-(5,3,2)(6,3,2)(7,3,1)(8,4,2)-	
-(9,4,2)(10,4,1)(11,5,0)	$-\Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.((\lambda\delta.(\Pi_0[2])$
-(5,3,2)(6,3,2)(7,3,1)(8,4,2)-	$-\Pi_0)[2])-\Pi_0)[2])-\Pi_0)[2])-\Pi_0)$
-(9,4,2)(10,4,1)(11,5,2)	$= \psi(4 - \pi - (\Pi_0[2]) - [2] - \Pi_0)$
(0.0.0)(1.1.1)(0.0.0)(0.0.0)(1.0.0)	$\psi(\omega - \pi - [2] - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	$=\psi(\lambda\alpha.(\Pi_0[3])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\Pi_0[3]) - \Pi_0)$
-(3,2,2)(4,2,2)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0-\lambda\alpha.(\Pi_0[5])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,0)(3,2,0)(4,1,1)-	$\psi(\lambda\alpha.(\Pi_0[3]) - \Pi_0 - \lambda\alpha.(\Pi_0[3]) - \Pi_0)$
-(5,2,2)(6,2,2))(7,2,2)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1 - \lambda \alpha.(2 \text{ aft } \lambda \alpha_1.(\Pi_0[3]) - \Pi_0) - \Pi_1)$
-(3,2,2)(4,2,2)(2,2,1)	φ(1 /λα.(2 απ /λα[.(Πη[θ]) Πη) Πη)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\Pi_0[2] \ 1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(3,2,2)(4,2,2)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Pi_0-\Pi_0)[2]$
-(4,2,2)(2,2,2)(3,2,2)	$1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_3[2] \ 1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
-(4,2,2)(2,2,2)(3,2,2)(4,2,1)	ψ(1 /α(113[2]) 1 (//μ(110[0]) 110)[2]) 111)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_4[2] \ 1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
-(2,2,2)(3,2,2)(4,2,1)(5,2,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,0)	$1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)	$1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\Pi_0-\Pi_0)[2])-\Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)	$1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)-$ $-(5,3,2)(6,3,2)(7,3,1)$	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_3[2]) - \Pi_1)[2])$ $1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,1)(8,4,2)$	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \beta_1.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)[2])$ $1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- \\ -(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)- \\ -(7,3,1)(8,4,2)(9,4,2)(10,5,1)(11,6,2)$	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \beta_1.$ $((\lambda \beta_2.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)[2]$ $1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)-$ $-(5,3,2)(6,3,2)(7,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2] $ $1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-$ $-(7,3,2)(2,2,2)(3,2,2)(4,2,1)-$ $-(5,3,2)(6,3,2)(7,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]$ $1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]$ $1 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(3,0,0)$	$\psi(\lambda \alpha.(((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]$ $1-)^{\omega} (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(3,2,1)$	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2])$ $2 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(3,2,1)(4,2,1)$	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2])$ $3 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(3,2,1)(4,3,0)$	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2] $ $\lambda \beta.(\beta + 1) - \Pi_0 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(3,2,1)(4,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2] $ $\lambda \beta.(\Pi_0[2]) - \Pi_0 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-$ $-(7,3,2)(3,2,1)(4,3,2)(5,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]$ $\lambda \beta.((\Pi_0 - \Pi_0)[2]) - \Pi_0 -$ $(\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-$ $-(7,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2])$ $\lambda \beta.(\Pi_0[3]) - \Pi_0 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3])-\Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\lambda \beta.(\Pi_0[3]) - \Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]$
-(7,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2)	
-(3,2,1)(4,3,2)(5,3,2)(6,3,2)	$\lambda \beta.(\Pi_0[3]) - \Pi_0 - (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]$
-(7,3,2)(3,2,1)(4,3,2)-	$\lambda\beta.(\lambda\beta_1.(\Pi_0[3])-\Pi_0)-\Pi_1)-\Pi_1)$
-(5,3,2)(6,3,2)(4,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3])-\Pi_0)[2]$
-(7,3,2)(3,2,1)(4,3,2)(5,3,2)-	$\lambda \beta.(\Pi_0[2] \ 1 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0) - \Pi_0)$
-(6,3,2)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]$
-(7,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2)	$\lambda \beta.(\Pi_3[2] \ 1 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1) - \Pi_1)$
-(4,3,2)(5,3,2)(6,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3])-\Pi_0)[2]$
-(7,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2)-	$\lambda \beta . ((\lambda \gamma . (\Pi_0[3]) - \Pi_0)[2]$
-(4,3,2)(5,3,2)(6,3,1)-	$1 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0) - \Pi_0)$
-(7,3,2)(8,3,2)(9,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	//\ //\ 0 /H [o]\ H \[o]
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3])-\Pi_0)[2]$
-(7,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2)-	$\lambda \beta . ((\lambda \gamma . (\Pi_0[3]) - \Pi_0)[2]$
-(4,3,2)(5,3,2)(6,3,1)(7,3,2)(8,3,2)-	$1 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]$
-(9,3,2)(4,3,2)(5,3,2)(6,3,2)(4,3,2)-	$1 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0) - \Pi_0)$
-(5,3,2)(6,3,1)(7,3,2)(8,3,2)(9,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	///
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]$
-(7,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2)-	$\lambda \beta.((\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]$
-(4,3,2)(5,3,2)(6,3,1)(7,3,2)-	$2 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1) - \Pi_1)$
-(8,3,2)(9,3,2)(5,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3])-\Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\lambda \beta . ((\lambda \gamma . (\Pi_0[3]) - \Pi_0)[2]$
-(7,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2)-	$\lambda \gamma.(\Pi_0[2]) - \Pi_0 -$
-(4,3,2)(5,3,2)(6,3,1)(7,3,2)-	, (= 1 3/
-(8,3,2)(9,3,2)(5,3,1)(6,4,2)	$(\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3]) - \Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\lambda \beta.((\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]$
-(7,3,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2)	, ((, (•[]) •/[]
-(4,3,2)(5,3,2)(6,3,1)(7,3,2)(8,3,2)	$\lambda \gamma.(\Pi_0[3]) - \Pi_0 -$
-(9,3,2)(5,3,1)(6,4,2)(7,4,2)(8,4,2)	$(\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\lambda \alpha.((\Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\lambda \alpha.((\Pi_0 - \Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(3,2,2)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\lambda\alpha.(((\Pi_0-)^{\omega} \lambda\beta.(\Pi_0[3])-\Pi_0)[2])-\Pi_0)$
-(6,3,2)(7,3,2)(3,2,2)(4,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.(((\Pi_0-)^{1,0} \lambda\beta.(\Pi_0[3])-\Pi_0)[2])-\Pi_0)$
-(7,3,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 \Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
-(6,3,2)(7,3,2)(3,2,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\beta+1)-\Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(7,3,2)(3,2,2)(4,2,1)(5,3,0)	$\Pi_0 = \lambda \beta . (\Pi_0[S]) = \Pi_0/[Z]) = \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_3[2]) - \Pi_0)$
-(7,3,2)(3,2,2)(4,2,1)-	$\Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
-(5,3,2)(6,3,2)(7,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\beta_1.(\Pi_0[2])-\Pi_0)[2])-\Pi_0)$
-(7,3,2)(3,2,2)(4,2,1)(5,3,2)-	$\Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,1)(8,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3]) - \Pi_0$
-(7,3,2)(3,2,2)(4,2,1)-	$\Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(5,3,2)(6,3,2)(7,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	//) //) 0 /# [0]) #
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3])-\Pi_0$
-(7,3,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)	$\Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0$
-(7,3,2)(3,2,2)(4,2,1)-	$\Pi_0 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(5,3,2)(6,3,2)(7,3,2)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(((\lambda\beta.(\Pi_0[3]) - \Pi_0 \Pi_0 -)^{\omega}))$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	
-(6,3,2)(7,3,2)(4,0,0)	$\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(((\lambda\beta.(\Pi_0[3]) - \Pi_0 \Pi_0 -)^{1,0})$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	, (((, (, , , , , , , , , , , , , ,
-(7,3,2)(4,2,0)(3,0,0)	$\lambda \beta . (\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
-(6,3,2)(7,3,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 - \Pi_3 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
-(6,3,2)(7,3,2)(4,2,1)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	
-(7,3,2)(4,2,1)(5,3,0)	$\Pi_3 - \lambda \beta . (\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambdalpha.((\lambdaeta.(\Pi_0[2])-\Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	
-(7,3,2)(4,2,1)(5,3,2)	$\Pi_3 - \lambda \beta . (\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(\Pi_3[2])-\Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	
-(7,3,2)(4,2,1)(5,3,2)(6,3,2)(7,3,1)	$\Pi_3 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambdalpha.((\lambdaeta.(\Pi_0[3])-\Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	
-(7,3,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)	$\Pi_3 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(((\lambda\beta.(\Pi_0[3])-\Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\Pi_3 -)^{\omega} \lambda \beta. (\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(5,0,0)	$\Pi_3 - j \lambda \beta . (\Pi_0[3]) - \Pi_0 / [2]) - \Pi_0 /$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(1 - \lambda \alpha.((\Pi_4 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
-(6,3,2)(7,3,2)(5,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda lpha.((\lambda eta.(\Pi_0[2]) - \Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\Pi_4 - \lambda \beta.(\Pi_0[3]) - \Pi_0$ $\Pi_4 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0$
-(6,3,2)(7,3,2)(5,2,1)(6,3,2)	$11_4 - \lambda \beta \cdot (11_0[3]) - 11_0)[2]) - 11_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(\Pi_3[2])-\Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	, , , , , , , , , , , , , , , , , , , ,
-(7,3,2)(5,2,1)(6,3,2)(7,3,2)(8,3,1)	$\Pi_4 - \lambda \beta . (\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda lpha.((\lambda eta.(\Pi_0[3]) - \Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)	, , , , , , , , , , , , , , , , , , , ,
-(7,3,2)(5,2,1)(6,3,2)(7,3,2)(8,3,2)	$\Pi_4 - \lambda \beta . (\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3])-\Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\Pi_4 - \lambda \beta.(\Pi_0[3]) - \Pi_0$
-(7,3,2)(5,2,1)(6,3,2)(7,3,2)(8,3,2)	, (
-(5,2,1)(6,3,2)(7,3,2)(8,3,2)	$\Pi_4 - \lambda \beta . (\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(1 - \lambda \alpha.((\Pi_5 - \lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
-(7,3,2)(5,2,1)(6,3,2)-	$\varphi(1 \mid \lambda \alpha.((115 \mid \lambda \beta.((110[9]) \mid 110)[2]) \mid 111)$
-(7,3,2)(8,3,2)(6,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0-$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(5,3,0)	$\lambda \beta . (\Pi_0[3]) - \Pi_0[2]) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta\cdot 2) - \Pi_0 -$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0$
-(7,3,2)(5,3,0)(6,3,0)(7,2,0)(3,0,0)	$\lambda \rho \cdot (\Pi_0[3]) - \Pi_0[[2]) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(\Omega_{\beta+1})-\Pi_1-$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	
-(7,3,2)(5,3,0)(6,3,0)(7,2,1)	$\lambda \beta . (\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3]) - \Pi_0 -$
-(7,3,2)(5,3,0)(6,3,0)(7,2,1)-	$\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(8,3,2)(9,3,2)(10,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(2 ext{ aft}$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	
-(6,3,2)(7,3,2)(5,3,1)	$\lambda \beta_1 \cdot (\Pi_0[3]) - \Pi_0) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\Pi_0[2])-\Pi_0$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	
-(6,3,2)(7,3,2)(5,3,1)(6,4,2)	aft $\lambda \beta_1 \cdot (\Pi_0[3]) - \Pi_0 - \Pi_0[2] - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(2\mathrm{nd}$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\lambda \beta_1.(\Pi_0[3]) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
-(7,3,2)(5,3,1)(6,4,2)(7,4,2)(8,4,2)	$\lambda \rho_1.(\Pi_0[3]) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(2 \text{ aft})$
-(7,3,2)(5,3,1)(6,4,2)-	$\lambda \beta_2 \cdot (\Pi_0[3]) - \Pi_0) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
-(7,4,2)(8,4,2)(6,4,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(2nd$
-(7,3,2)(5,3,1)(6,4,2)(7,4,2)(8,4,2)-	$\lambda \beta_2 \cdot (\Pi_0[3]) - \Pi_0) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
-(6,4,1)(7,5,2)(8,5,2)(9,5,2)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$1 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(5,3,2)	$1 - (\lambda') \cdot (\Pi_0[3]) - \Pi_0[2]) - \Pi_0[2]) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\Pi_0-\Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$1 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(5,3,2)(6,3,2)	$1 - (\lambda / \cdot (\Pi_0[0]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[2])-\Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$1 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)	$1 - (\lambda / \cdot (\Pi_0[0]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[3])-\Pi_0)[2]$
-(7,3,2)(5,3,2)(6,3,2)(7,3,1)-	$1 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(8,4,2)(9,4,2)(10,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[3])-\Pi_0)[2]$
-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)	$2 - (\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(9,4,2)(10,4,2)(6,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[3])-\Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	
-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)	$\lambda \gamma.(\gamma+1) - \Pi_0 - (\lambda \gamma.(\Pi_0[3])$
-(9,4,2)(10,4,2)(6,3,1)(7,4,0)	$-\Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[3])-\Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\lambda \gamma.(\Pi_0[2]) - \Pi_0 - (\lambda \gamma.(\Pi_0[3]))$
-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)	
-(9,4,2)(10,4,2)(6,3,1)(7,4,2)	$-\Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[3])-\Pi_0)[2]$
-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)-	$\lambda \gamma. (\lambda \delta. (\Pi_0[3]) - \Pi_0) - \Pi_0 -$
-(9,4,2)(10,4,2)(6,3,1)-	$(\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(7,4,2)(8,4,2)(9,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\Pi_0 -$
-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)	$\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(9,4,2)(10,4,2)(6,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.((\Pi_3$
-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)	$\Pi_0 - \lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)[2]) - \Pi_1)$
-(9,4,2)(10,4,2)(6,3,2)(7,3,1)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-$ $-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)-$ $-(9,4,2)(10,4,2)(6,3,2)(7,3,1)-$	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
$ \begin{array}{c c} -(8,4,2)(9,4,2)(10,4,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) \\ -(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2) \\ -(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2) \\ -(9,4,2)(10,4,2)(7,3,1) \end{array}$	$\psi(1 - \lambda \alpha.((\lambda \beta.((\Pi_3 - \lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-$ $-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)-$ $-(9,4,2)(10,4,2)(7,3,1)-$ $-(8,4,2)(9,4,2)(10,4,2)$	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \gamma.(\Pi_0[3]) - \Pi_0)\Pi_0 + \Pi_3 - \lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-$ $-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)-$ $-(9,4,2)(10,4,2)(8,3,1)-$ $-(9,4,2)(10,4,2)(11,4,2)$	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \gamma.(\Pi_0[3]) - \Pi_0)\Pi_0 + \lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) \\ -(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2) \\ -(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2) \\ -(9,4,2)(10,4,2)(8,4,0) \end{array} $	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \gamma.(\gamma + 1) - \Pi_0 - \lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-$ $-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)-$ $-(9,4,2)(10,4,2)(8,4,0)-$ $-(9,4,0)(10,3,0)(8,0,0)$	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\gamma\cdot2) - \Pi_0 - \lambda\gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-$ $-(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2)-$ $-(9,4,2)(10,4,2)(8,4,1)$	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \gamma.(2 \text{ aft } \lambda \gamma_1.(\Pi_0[3])$ $-\Pi_0) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2) - \\ -(7,3,2)(5,3,2)(6,3,2)(7,3,1)(8,4,2) - \\ -(9,4,2)(10,4,2)(8,4,2) \end{array} $	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \gamma.(\Pi_0[2] \ 1 - (\lambda \delta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)- \\ -(4,2,2)(2,2,2)(3,2,2)(4,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-$	$\psi(\lambda \alpha.(\Pi_0[3] \ \Pi_0[2] - \Pi_0[3]) - \Pi_0)$ $\psi(\lambda \alpha.(\Pi_0[2] \ 1 - \lambda \beta.(\Pi_0[3]$
-(2,2,2)(3,2,2)(4,2,2)(2,2,2)	$\Pi_0[2] - \Pi_0[3]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.(\Pi_3[2]\ 1-\lambda\beta.(\Pi_0[3]$
-(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)	$\Pi_0[2] - \Pi_0[3]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3]) - \Pi_0)[2] \ 1 - (\lambda\beta.(\Pi_0[3]))$
-(2,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)	$\Pi_0[2] - \Pi_0[3]) - \Pi_0(2]) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3] \ \Pi_0[2] - \Pi_0[3]) - \Pi_0)[2]$
-(2,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	$\Pi_0[1] - (\lambda \beta.(\Pi_0[3])$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)-	
-(5,3,2)(6,3,2)(7,3,2)	$\Pi_0[2] - \Pi_0[3]) - \Pi_0(2]) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Pi_0 - \lambda\beta.(\Pi_0[3]$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)(5,3,2)-	$\Pi_0[2] - \Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	$\psi(1-\lambda\alpha.((\Pi_3-\lambda\beta.(\Pi_0[3]$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)(5,3,2)-	$\Pi_0[2] - \Pi_0[3]) - \Pi_0)[2]) - \Pi_1)$
-(6,3,2)(7,3,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3]$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)(5,3,2)-	$\Pi_0[2] - \Pi_0[3]) - \Pi_0 - \lambda \beta.(\Pi_0[3])$
-(6,3,2)(7,3,2)(5,3,0)(6,3,0)(7,2,1)-	
-(8,3,2)(9,3,2)(10,3,2)-	$\Pi_0[2] - \Pi_0[3]) - \Pi_0(2]) - \Pi_0$
-(8,3,2)(9,3,2)(10,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.)(\lambda \beta.(2 \text{ aft } \lambda \beta_1.)(\Pi_0[3])$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)(5,3,2)-	$\Pi_0[2] - \Pi_0[3]) - \Pi_0) - \Pi_1)[2]) - \Pi_1)$
-(6,3,2)(7,3,2)(5,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2]\ 1-(\lambda\gamma.(\Pi_0[3]$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)(5,3,2)-	$\Pi_0[2] - \Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(\Pi_0[3] \ \Pi_0[2] - \Pi_0[3] \ \Pi_0[2] - \Pi_0[3]) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,2)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.((\Pi_0[3]\ \Pi_0[2]-)^{\omega}\ \Pi_0[3])-\Pi_0)$
-(3,2,2)(4,2,2)(3,0,0)	* (((0[0] ++0[=]) ++0[0]) ++0)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_1.((\Pi_0[3]\ \Pi_0[2]-)$
-(3,2,2)(4,2,2)(3,2,0)	$^{\alpha_1}\Pi_0[3]) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\Pi_0[3]\ \Pi_0[2]-)$
-(4,2,2)(3,2,0)(2,2,2)	$^{lpha_{\omega}}~\Pi_0[3])-\Pi_0)-\Pi_0)$
	$\psi(\lambda\alpha.(\lambda\alpha_{\xi}.((\Pi_0[3]\ \Pi_0[2]-)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$^{\xi} \Pi_0[3]) - \Pi_0) - \Pi_0),$
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
	ξ is $\Pi_3[2]$ reflecting ordinal}.
	$\psi(\lambda \alpha.(\lambda \alpha_{\xi}.((\Pi_0[3] \ \Pi_0[2]-)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\xi \Pi_0[3] - \Pi_0 - \Pi_0,$
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,2)(6,3,2)(7,3,2)	when ξ is $\min\{\alpha_{\xi} = \xi \mid$
	ξ is $(\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]$ reflecting ordinal}.
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) \\ -(3,2,0)(2,2,2)(3,2,2)(4,2,2) \end{vmatrix} $	$\psi(\lambda\alpha.((\Pi_0[3]\ \Pi_0[2]-)^{1,0}\ \Pi_0[3])-\Pi_0)$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\psi(\lambda\alpha.((\Pi_0[3]\ \Pi_0[2]-)^{1,0,0}\ \Pi_0[3])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,2)(3,2,0)(4,3,0)$	$\psi(\lambda\alpha.((\Pi_0[3]\ \Pi_0[2]-)^{1,0}\ \Pi_0[3])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_0[3] \ \Pi_3[2]) - \Pi_1)$
$ \begin{array}{c c} -(4,2,2)(3,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \end{array} $	
-(4,2,2)(3,2,1)(2,2,2)(3,2,2)(4,2,2)	$\psi(\lambda \alpha.(\Pi_0[3] \ \Pi_0[2] - \Pi_0[3] \ \Pi_3[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,1)(2,2,2)(3,2,2)(4,2,2)(3,2,1)	$\psi(1 - \lambda \alpha.(\Pi_0[3] (\Pi_3 \Pi_0 - \Pi_3)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	//) /T [a] //T T)// T)[a]) T)
-(4,2,2)(3,2,1)(3,0,0)	$\psi(\lambda\alpha.(\Pi_0[3] ((\Pi_3 \Pi_0-)^{\omega} \Pi_3)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.(\Pi_0[3] ((\Pi_3 \Pi_0-)^{1,0} \Pi_3)[2]) - \Pi_0)$
-(3,2,1)(3,2,0)(2,2,2)(3,2,2)(4,2,2)	$\psi(\wedge \alpha.(\Pi_0[0])((\Pi_3^{-}\Pi_0^{-})-\Pi_3^{-})[2])=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_0[3] (\Pi_3 - \Pi_3)[2]) - \Pi_1)$
-(4,2,2)(3,2,1)(3,2,1)	7 ((-20[0] (2-3 2-3)[2]) 421)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_0[3] \ \Pi_4[2]) - \Pi_1)$
-(4,2,2)(3,2,1)(4,2,1)	, (
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_0[3] \ \Pi_5[2]) - \Pi_1)$
-(4,2,2)(3,2,1)(4,2,1)(5,2,1)	/
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\Pi_0[3]\ (\lambda\beta.(\beta+1)-\Pi_0)[2])-\Pi_0)$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) \\ -(3,2,1)(4,3,0)(5,3,0)(6,2,0) - \end{array} $	$\psi(\lambda \alpha.(\Pi_0[3] (\lambda \beta.(\beta \cdot 2) - \Pi_0)[2]) - \Pi_0)$
-(3,2,1)(4,3,0)(3,3,0)(0,2,0) $-(2,2,2)(3,2,2)(4,2,2)$	$\varphi(\text{Acc.}(\Pi_0[o] (\text{Ap.}(p+2) - \Pi_0)[2]) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\Pi_0[3] (\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)$
-(4,2,2)(3,2,1)(4,3,2)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(3,2,1)(4,3,2)(5,3,2)	$\psi(\lambda\alpha.(\Pi_0[3] (\lambda\beta.((\Pi_0-\Pi_0)[2])-\Pi_0)[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,1)(4,3,2)(5,3,2)(6,2,0) - (2,2,2)(3,2,2)(4,2,2)	$\psi(\lambda \alpha.(\Pi_0[3] (\lambda \beta.((\Pi_0-)^{\beta})[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,1)(4,3,2)(5,3,2)(6,3,0)	$\psi(\lambda \alpha.(\Pi_0[3] (\lambda \beta.(\lambda \beta_1.((\Pi_0-)^{\beta_1})[2]) - \Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,1)(4,3,2)(5,3,2)(6,3,0)(4,3,2)	$\psi(\lambda \alpha.(\Pi_0[3] (\lambda \beta.(\lambda \beta_\omega.((\Pi_0-)^{\beta_\omega})[2])$ $-\Pi_0) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,1)(4,3,2)(5,3,2)(6,3,0)(5,0,0)	$\psi(\lambda \alpha.(\Pi_0[3] \ (\lambda \beta.((\Pi_0-)^{1,0})[2]) - \Pi_0)[2]) - \Pi_0)$
$ \begin{array}{c} -(3,2,1)(4,3,2)(3,3,2)(0,3,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,1)(4,3,2)(5,3,2)(6,3,1) \end{array} $	$\psi(1 - \lambda \alpha.(\Pi_0[3] (\lambda \beta.(\Pi_3[2]) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,1)(4,3,2)(5,3,2)(6,3,1)(7,4,2)	$\psi(\lambda \alpha.(\Pi_0[3] \ (\lambda \beta.((\lambda \gamma.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(6,3,1)-$ $-(7,4,2)(8,4,2)(9,4,1)$	$\psi(1 - \lambda \alpha.(\Pi_0[3] (\lambda \beta.((\lambda \gamma.(\Pi_3[2]) - \Pi_0)[2]) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(6,3,1)-$ $-(7,4,2)(8,4,2)(9,4,1)(10,5,2)$	$\psi(\lambda \alpha.(\Pi_0[3] (\lambda \beta.((\lambda \gamma.((\lambda \delta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,1)(4,3,2)(5,3,2)(6,3,2)	$\psi(\lambda \alpha.(\Pi_0[3] (\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(6,3,2)-$ $-(4,3,2)(5,3,2)(6,3,2)$	$\psi(\lambda \alpha.(\Pi_0[3] \ (\lambda \beta.(\Pi_0[3] \ \Pi_0[2] - \Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,1)(4,3,2)(5,3,2)(6,3,2)(5,3,1)	$\psi(1 - \lambda \alpha.(\Pi_0[3] \ (\lambda \beta.(\Pi_0[3] \ \Pi_3[2]) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,1)(4,3,2)(5,3,2)-$ $-(6,3,2)(5,3,1)(6,3,1)$	$\psi(1 - \lambda \alpha.(\Pi_0[3] (\lambda \beta.(\Pi_0[3] \Pi_4[2]) - \Pi_1)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,1)(4,3,2)(5,3,2)-$ $-(6,3,2)(5,3,1)(6,4,0)$	$\psi(\lambda \alpha.(\Pi_0[3] \ (\lambda \beta.(\Pi_0[3] \ (\lambda \gamma.(\gamma+1) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,1)(4,3,2)(5,3,2)-$ $-(6,3,2)(5,3,1)(6,4,2)$	$\psi(\lambda \alpha.(\Pi_0[3] \ (\lambda \beta.(\Pi_0[3] \ (\lambda \gamma.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(6,3,2)(5,3,1)-$ $-(6,4,2)(7,4,2)(8,4,1)(9,5,2)$	$\psi(\lambda \alpha.(\Pi_0[3] \ (\lambda \beta.(\Pi_0[3] \ (\lambda \gamma.((\lambda \delta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(6,3,2)-$ $-(5,3,1)(6,4,2)(7,4,2)(8,4,2)$	$\psi(\lambda \alpha.(\Pi_0[3] \ (\lambda \beta.(\Pi_0[3] $ $(\lambda \gamma.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,2)(4,2,2)(3,2,2)$	$\psi(\lambda\alpha.((\Pi_0-\Pi_0)[3])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,2)(3,2,2)(2,2,2)$	$\psi(\lambda \alpha.(\Pi_0[2] \\ 1 - (\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(3,2,2)(2,2,2)(3,2,2)	$\psi(\lambda \alpha.((\Pi_0 - \Pi_0)[2]) - \Pi_0)$ $1 - (\lambda \beta.((\Pi_0 - \Pi_0)[3] - \Pi_0))[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,2)(2,2,2)(3,2,2)(4,2,1) - (5,3,2)(6,3,2)(7,3,2)	$\psi(\lambda \alpha.((\Pi_0 - \Pi_0)[3] - \Pi_0)[2]) - \Pi_0)$ $\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2])$ $1 - (\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- -(3,2,2)(2,2,2)(3,2,2)(4,2,1)- -(5,3,2)(6,3,2)(7,3,2)(6,3,2)	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2])$ $1 - (\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) \\ -(3,2,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2) \\ -(6,3,2)(7,3,2)(6,3,2)(3,2,1)(4,3,0) \end{array} $	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]$ $\lambda \beta.(\beta + 1) - \Pi_0 - (\lambda \beta.$ $((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2) - \\ -(6,3,2)(7,3,2)(6,3,2)(3,2,1) - \\ -(4,3,2)(5,3,2)(6,3,2) \end{array} $	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]$ $\lambda \beta.(\Pi_0[3]) - \Pi_0 - (\lambda \beta.$ $((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(6,3,2)(3,2,1)(4,3,2)-$ $-(5,3,2)(6,3,2)(5,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]$ $\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0 - (\lambda \beta.$ $((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) \\ -(3,2,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2) \\ -(6,3,2)(7,3,2)(6,3,2)(3,2,2) \end{array} $	$\psi(\lambda \alpha.((\Pi_0 - \lambda \beta.) ((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(6,3,2)(3,2,2)(4,2,1)-$ $-(5,3,2)(6,3,2)(7,3,2)(6,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)\Pi_0 - \lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(6,3,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(6,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)\Pi_0 - \lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(6,3,2)(5,3,0)$	$\psi(\lambda \alpha.((\lambda \beta.(\beta + 1) - \Pi_0 - \lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(6,3,2)(5,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[2] \ 1 - (\lambda \gamma.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,2)(2,2,2)(3,2,2)(4,2,1)(5,3,2)-$ $-(6,3,2)(7,3,2)(6,3,2)(5,3,2)(6,3,2)-$ $-(7,3,1)(8,4,2)(9,4,2)(10,4,2)(9,4,2)$	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \gamma.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]$ $1 - (\lambda \gamma.((\Pi_0 - \Pi_0)[3])$ $-\Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,2)(2,2,2)(3,2,2)(4,2,2)	$\psi(\lambda \alpha.(\Pi_0[3] \ \Pi_0[2] - (\Pi_0 - \Pi_0)[3]) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(2,2,2)(3,2,2)(4,2,2)(3,2,1) - \\ -(4,3,2)(5,3,2)(6,3,2)(5,3,2) \end{array} $	$\psi(\lambda \alpha.(\Pi_0[3] \ \Pi_0[2] - (\Pi_0 - \Pi_0)[3] $ $(\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,2)(2,2,2)(3,2,2)(4,2,2)(3,2,2)	$\psi(\lambda \alpha.((\Pi_0 - \Pi_0)[3] \\ \Pi_0[2] - (\Pi_0 - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(3,2,2)(3,2,1)	$\psi(1 - \lambda \alpha.((\Pi_0 - \Pi_0)[3] \ \Pi_3[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(3,2,2)(3,2,1)(4,3,0)	$\psi(\lambda \alpha.((\Pi_0 - \Pi_0)[3]$ $(\lambda \beta.(\beta + 1) - \Pi_0)[2]) - \Pi_0)$ $\psi(\lambda \alpha.((\Pi_0 - \Pi_0)[3]$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(3,2,2)(3,2,1)(4,3,2)	$ \frac{\psi(\lambda \alpha.((\Pi_0 - \Pi_0)[3])}{(\lambda \beta.(\Pi_0[2]) - \Pi_0)[2]) - \Pi_0)}{\psi(\lambda \alpha.((\Pi_0 - \Pi_0)[3])} $
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \end{array} $	$(\lambda \beta.(\Pi_0[3]) - \Pi_0)[2]) - \Pi_0)$
-(3,2,2)(3,2,1)(4,3,2)- $-(5,3,2)(6,3,2)(5,3,2)$	$\psi(\lambda \alpha.((\Pi_0 - \Pi_0)[3]) - (\lambda \beta.((\Pi_0 - \Pi_0)[3]) - (\Pi_0)[2]) - (\Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,2)-$ $-(5,3,2)(5,3,1)(6,4,2)-$	$\psi(\lambda\alpha.((\Pi_0 - \Pi_0)[3]$ $(\lambda\beta.((\Pi_0 - \Pi_0)[3]$
-(7,4,2)(8,4,2)(7,4,2) $(0,0,0)(1,1,1)(2,2,2)(3,2,2)$ $-(4,2,2)(3,2,2)(3,2,2)$	$(\lambda \gamma.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$ $\psi(\lambda \alpha.((\Pi_0 - \Pi_0 - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,2)(3,2,2)(4,0,0)$	$\psi(\lambda\alpha.(((\Pi_0-)^\alpha)[3])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(3,2,2)(4,2,0)(2,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\Pi_0-)^{\alpha_{\omega}})[3])-\Pi_0)-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Pi_0-)^{1,0})[3]) - \Pi_0)$
-(4,2,2)(3,2,2)(4,2,0)(3,0,0)	$\psi(\lambda\alpha.((\Pi_0-)))[3])=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1-\lambda\alpha.(\Pi_3[3])-\Pi_1)$
-(4,2,2)(3,2,2)(4,2,1)	$\psi(1-\lambda\alpha.(\Pi_3[3])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Pi_0-\Pi_3)[3])-\Pi_0)$
-(4,2,2)(3,2,2)(4,2,1)(3,2,2)	$\psi(\wedge\alpha.((\Pi_0-\Pi_3)[\mathfrak{I}_3])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 \ \Pi_0 - \Pi_3)[3]) - \Pi_1)$
-(3,2,2)(4,2,1)(3,2,2)(4,2,1)	$\psi(1-\lambda\alpha.((\Pi_3\Pi_0-\Pi_3)[0])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(((\Pi_3 \ \Pi_0-)^{1,0} \ \Pi_3)[3]) - \Pi_0)$
-(3,2,2)(4,2,1)(4,2,0)(3,0,0)	$\psi(\lambda \alpha.((\Pi_3 \Pi_0 -) \Pi_3)[9]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1 - \lambda \alpha.((\Pi_3 - \Pi_3)[3]) - \Pi_1)$
-(4,2,2)(3,2,2)(4,2,1)(4,2,1)	$\psi(1-\lambda\alpha.(113-113)[9])=111)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(((\Pi_3-)^{\omega})[3])-\Pi_0)$
-(4,2,2)(3,2,2)(4,2,1)(5,0,0)	$\psi(\lambda \alpha.((\Pi_3-))[0])=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(((\Pi_3-)^{1,0})[3])-\Pi_0)$
-(3,2,2)(4,2,1)(5,2,0)(3,0,0)	$\psi(\lambda a.((\Pi_3)))[0])=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\Pi_4[3]) - \Pi_0)$
-(4,2,2)(3,2,2)(4,2,1)(5,2,1)	$\varphi(\wedge \alpha.(\Pi_{4}[0]) = \Pi_{0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.(\Pi_5[3]) - \Pi_0)$
-(3,2,2)(4,2,1)(5,2,1)(6,2,1)	$\varphi(\wedge \alpha.(\Pi_{5}[0]) = \Pi_{0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)[3])-\Pi_0)$
-(3,2,2)(4,2,1)(5,3,0)	$\psi(n\alpha.((n\beta.(\beta+1)-110)[0])-110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,1)(5,3,0)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+\alpha)-\Pi_0)[3])-\Pi_0)$
-(6,3,0)(7,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,1)(5,3,0)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta\cdot 2)-\Pi_0)[3])-\Pi_0)$
-(6,3,0)(7,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(\Omega_{\beta+1})-\Pi_1)[3])-\Pi_1)$
-(3,2,2)(4,2,1)(5,3,0)(6,3,0)(7,2,1)	ψ(1 /((//p·((-p+1) 1-1)[ο]) 1-1)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(\Omega_{\beta+2})-\Pi_0)[3])-\Pi_1)$
-(3,2,2)(4,2,1)(5,3,1)	φ(1 / ((/γ/((-γ/2) 1-0)[0]) 1-1)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\lambda\beta_1.(\beta_1+1)-\Pi_0)-\Pi_0)[3])-\Pi_0)$
-(3,2,2)(4,2,1)(5,3,1)(6,4,0)	, (((T (T (P I) -)0) 120)[0]) 120)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[2]) - \Pi_0)[3]) - \Pi_0)$
-(3,2,2)(4,2,1)(5,3,2)	, (((((0[-])0)[-]) +0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\Pi_0 - \Pi_0)[2]) - \Pi_0)[3]) - \Pi_0)$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)	* (· · · · · · · · · · · · · · · · · ·
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(\Pi_3[2])-\Pi_1)[3])-\Pi_1)$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,1)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	//) //) 0 /H [a]) H \[[a] \]
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3]) - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3]$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	, , , , , , , , , , , , , , , , , , , ,
-(7,3,2)(5,3,2)(6,3,2)(7,3,2)	$\Pi_0[2] - \Pi_0[3]) - \Pi_0(3]) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,1)(5,3,2)-	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0 - \Pi_0)[3]) - \Pi_0)[3]) - \Pi_0)$
-(6,3,2)(7,3,2)(6,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(1-\lambda\alpha.((\lambda\beta.(\Pi_3[3])-\Pi_1)[3])-\Pi_1)$
-(7,3,2)(6,3,2)(7,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\gamma+1)-$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\Pi_0[3]) - \Pi_0[3]) - \Pi_0$
-(7,3,2)(6,3,2)(7,3,1)(8,4,0)	$\Pi_0[[3]] - \Pi_0[[3]] - \Pi_0[$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[2])-$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	Π_0 [3]) $-\Pi_0$ [3]) $-\Pi_0$
-(7,3,2)(6,3,2)(7,3,1)(8,4,2)	$\Pi_0/[0]) = \Pi_0/[0]) = \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[3])-$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-	$\Pi_0)[3]) - \Pi_0)[3]) - \Pi_0)$
-(6,3,2)(7,3,1)(8,4,2)(9,4,2)(10,4,2)	$\Pi_0/[0]) = \Pi_0/[0]) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\Pi_0[4]) - \Pi_0)$
-(4,2,2)(3,2,2)(4,2,2)	γ (* ····· (==0[=]) ===0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambdalpha.(\Pi_0[2]$
-(4,2,2)(3,2,2)(4,2,2)(2,2,2)	$1 - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambdalpha.(\Pi_3[2]$
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)	$1 - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	ψ()α ((\β (П.[2]) — П.\[9]
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3]) - \Pi_0)[2])$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)	$1 - (\lambda \beta . (\Pi_0[4]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[4])-\Pi_0)[2]$
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,2)(6,3,2)(7,3,2)(6,3,2)(7,3,2)	$1 - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[4]) - \Pi_0)[2]$
-(5,3,2)(6,3,2)(7,3,2)-	$2 - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[2]) - \Pi_1)$
-(6,3,2)(7,3,2)(3,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[4]) - \Pi_0)[2]$
-(5,3,2)(6,3,2)(7,3,2)(6,3,2)-	$3 - (\lambda \beta . (\Pi_0[4]) - \Pi_0)[2]) - \Pi_1)$
-(7,3,2)(3,2,1)(4,2,1)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[4])-\Pi_0)[2]$
-(5,3,2)(6,3,2)(7,3,2)(6,3,2)(7,3,2)	$\lambda \beta.(\lambda \gamma.(\Pi_0[4]) - \Pi_0) - \Pi_0 - (\lambda \beta.$
-(3,2,1)(4,3,2)(5,3,2)-	$(\Pi_0[4])-\Pi_0)[2])-\Pi_0)$
-(6,3,2)(5,3,2)(6,3,2)	, , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda \alpha.((\Pi_0 - \lambda \beta.(\Pi_0[4]) - \Pi_0)[2]) - \Pi_0)$
-(5,3,2)(6,3,2)(7,3,2)-	$\psi(\lambda\alpha.((\Pi_0-\lambda\beta.(\Pi_0[4])-\Pi_0)[2])-\Pi_0)$
-(6,3,2)(7,3,2)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1 - \lambda \alpha.((\Pi_3 - \lambda \beta.(\Pi_0[4]) - \Pi_0)[2]) - \Pi_1)$
-(5,3,2)(6,3,2)(7,3,2)-	$\psi(1 - \lambda \alpha.(\Pi_3 - \lambda \beta.(\Pi_0[4]) - \Pi_0)[2]) - \Pi_1)$
-(6,3,2)(7,3,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[4]) - \Pi_0$
-(5,3,2)(6,3,2)(7,3,2)(6,3,2)(7,3,2)	, (, , , , , , , , , , , , , , , , , ,
-(4,2,1)(5,3,2)(6,3,2)-	$\Pi_3 - \lambda \beta . (\Pi_0[4]) - \Pi_0)[2]) - \Pi_0)$
-(7,3,2)(6,3,2)(7,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	$\psi(1-\lambda\alpha.((\Pi_4-\lambda\beta.$
-(5,3,2)(6,3,2)(7,3,2)-	$(\Pi_0[4]) - \Pi_0)[2]) - \Pi_1)$
-(6,3,2)(7,3,2)(5,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0-$
-(5,3,2)(6,3,2)(7,3,2)-	$\lambda \beta . (\Pi_0[4]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2]$
-(5,3,2)(6,3,2)(7,3,2)-	$1 - (\lambda \beta_1.(\Pi_0[4]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(6,3,2)(7,3,2)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)	$\psi(1-\lambda\alpha.((\lambda\beta.(\Pi_3[2]$
-(5,3,2)(6,3,2)(7,3,2)(6,3,2)(7,3,2)-	$1 - (\lambda \beta_1 \cdot (\Pi_0[4]) - \Pi_0)[2]) - \Pi_1)[2]) - \Pi_1)$
-(5,3,2)(6,3,2)(7,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\beta_1.(\Pi_0[4])-\Pi_0)[2]$
-(5,3,2)(6,3,2)(7,3,2)(6,3,2)(7,3,2)	$1 - (\lambda \beta_1.(\Pi_0[4]) - \Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(5,3,2)(6,3,2)(7,3,1)(8,4,2)-	1 ((
-(9,4,2)(10,4,2)(9,4,2)(10,4,2)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,1)	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\beta_1.(\Pi_0[2]$
-(5,3,2)(6,3,2)(7,3,2)(6,3,2)(7,3,2)	$1 - (\lambda \beta_2.(\Pi_0[4]) - \Pi_0)[2]$
-(5,3,2)(6,3,2)(7,3,1)(8,4,2)-	$-\Pi_0)[2]) - \Pi_0)[2]) - \Pi_0)$
-(9,4,2)(10,4,2)(9,4,2)(10,4,2)(8,4,2)	0)[]) 0)[])
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	$\psi(\lambda\alpha.(\Pi_0[3]$
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)	$\Pi_0[2] - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	
-(3,2,2)(4,2,2)(2,2,2)-	$\psi(\lambda\alpha.((\Pi_0 - \Pi_0)[3]$
-(3,2,2)(4,2,2)(3,2,2)	$\Pi_0[2] - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.(\Pi_3[3]$
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	
-(4,2,2)(3,2,2)(4,2,1)	$\Pi_0[2] - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[4])-\Pi_0)[3]$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\Pi_0[2] - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
-(7,3,2)(6,3,2)(7,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[4]) - \Pi_0)[3]$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-	$\Pi_0[2] - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]$
-(6,3,2)(7,3,2)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-	$\Pi_0[2] - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
-(6,3,2)(7,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.(\Pi_3[2]-$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-	$(\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_1)$
-(6,3,2)(7,3,2)(3,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[4]) - \Pi_0)[3]$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-	
-(6,3,2)(7,3,2)(3,2,1)(4,3,2)-	$\Pi_3[2] - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
-(5,3,2)(6,3,2)(5,3,2)(6,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.(\Pi_4[2]-$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-	, , , , , , , , , , , , , , , , , , , ,
-(6,3,2)(7,3,2)(3,2,1)(4,3,2)(5,3,2)-	$(\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_1)$
-(6,3,2)(5,3,2)(6,3,2)(4,2,1)	

BMS	方括号稳定
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- \\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)- \\ -(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)- \\ -(6,3,2)(7,3,2)(3,2,1)(4,3,2)(5,3,2)- \\ -(6,3,2)(5,3,2)(6,3,2)(4,3,0)$	$\psi(\lambda \alpha.((\lambda \beta.(\beta + 1) - \Pi_0)[2] - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-\\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-\\ -(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-\\ -(6,3,2)(7,3,2)(3,2,1)(4,3,2)(5,3,2)-\\ -(6,3,2)(5,3,2)(6,3,2)(4,3,0)(5,3,0)-\\ -(6,2,1)(7,3,2)(8,3,2)-\\ -(9,3,2)(8,3,2)(9,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[4]) - \Pi_0)[2] - (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-\\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-\\ -(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-\\ -(6,3,2)(7,3,2)(3,2,1)(4,3,2)(5,3,2)-\\ -(6,3,2)(5,3,2)(6,3,2)(4,3,1)$	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]$ $\lambda \beta.(2 \text{ aft } (\lambda \beta_1.(\Pi_0[4])$ $-\Pi_0)[2]) - \Pi_1)[2]) - \Pi_1)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2) - \\ -(6,3,2)(7,3,2)(3,2,1)(4,3,2)(5,3,2) - \\ -(6,3,2)(5,3,2)(6,3,2)(4,3,2) \end{array} $	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]$ $\lambda \beta.(\Pi_0[3] \ \Pi_0[2] - (\lambda \gamma.(\Pi_0[4])$ $-\Pi_0)[3]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2) - (3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2) - (6,3,2)(7,3,2)(3,2,2)	$\psi(\lambda\alpha.((\Pi_0 - \lambda\beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2) - \\ -(6,3,2)(7,3,2)(3,2,2)(4,2,1)(5,3,2) - \\ -(6,3,2)(7,3,2)(6,3,2)(7,3,2) \end{array} $	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[4]) - \Pi_0) \Pi_0 - \lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2) - \\ -(6,3,2)(7,3,2)(4,2,1)(5,3,2) - \\ -(6,3,2)(7,3,2)(6,3,2)(7,3,2) \end{array} $	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[4]) - \Pi_0)\Pi_3 - \lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)(6,3,2)(7,3,2)(5,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)(3])-\Pi_0)$ $\Pi_0 - \lambda\beta.(\Pi_0[4]) - \Pi_0)(3]) - \Pi_0)$

BMS	方括号稳定
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-\\-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-\\-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-\\-(6,3,2)(7,3,2)(5,3,0)(6,3,0)(7,2,1)-\\-(8,3,2)(9,3,2)(10,3,2)(9,3,2)(10,3,2)$	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[4]) - \Pi_0 - \lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2) - (3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2) - (6,3,2)(7,3,2)(5,3,2)	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[2] + \Pi_0)[2]) - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)(6,3,2)(7,3,2)(5,3,2)(6,3,2)(7,3,2)	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[3] \ \Pi_0[2] - (\lambda \gamma.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)[3]) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2) - \\ -(6,3,2)(7,3,2)(5,3,2)(6,3,2)(7,3,2) - \\ -(6,3,2)(7,3,1)(8,4,2)(9,4,2) - \\ -(10,4,2)(9,4,2)(10,4,2) \end{array} $	$\psi(\lambda \alpha.((\lambda \beta.((\lambda \gamma.(\Pi_0[4]) - \Pi_0)[3] \ \Pi_0[2] - (\lambda \gamma.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)[3]) - \Pi_0)$
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-\\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-\\ -(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-\\ -(6,3,2)(7,3,2)(5,3,2)(6,3,2)(7,3,2)-\\ -(6,3,2)(7,3,1)(8,4,2)(9,4,2)(10,4,2)-\\ -(9,4,2)(10,4,2)(6,3,2)$	$\psi(\lambda\alpha.((\lambda\beta.((\Pi_0 - \lambda\gamma.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,2)(4,2,2)(2,2,2)(3,2,2) - (4,2,2)(3,2,2)(4,2,2)	$\psi(\lambda \alpha.(\Pi_0[4] \ \Pi_0[3] - \Pi_0[4]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)	$\psi(\lambda \alpha.(\Pi_0[3] \ \Pi_0[2] - (\lambda \beta.(\Pi_0[4] $ $\Pi_0[3] - \Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-\\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-\\ -(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-\\ -(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)-\\ -(6,3,2)(7,3,2)(5,3,2)(6,3,2)-\\ -(7,3,2)(6,3,2)(7,3,2)$	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[4] \Pi_0[3] - \Pi_0[4]) - \Pi_0)[3] \Pi_0[2] - (\lambda\beta.(\Pi_0[4] \Pi_0[3] - \Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.(\Pi_0[4] \ \Pi_0[3] - \Pi_0[4]$
-(3,2,2)(4,2,2)(2,2,2)(3,2,2)-	$\Pi_0[3] - \Pi_0[4]) - \Pi_0)$
-(4,2,2)(3,2,2)(4,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\Pi_0[4]$
-(3,2,2)(4,2,2)(3,0,0)	$\Pi_0[3]-)^{\omega}\ \Pi_0[4])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	//4
-(3,2,2)(4,2,2)(3,2,1)	$\psi(1 - \lambda \alpha.(\Pi_0[4] \ \Pi_3[3]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	-//1 \ - /П [4] П [9]\ П \
-(3,2,2)(4,2,2)(3,2,1)(4,2,1)	$\psi(1 - \lambda \alpha.(\Pi_0[4] \ \Pi_4[3]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	ah() с. (П [4] () В (В + 1) П)[2]) П)
-(3,2,2)(4,2,2)(3,2,1)(4,3,0)	$\psi(\lambda\alpha.(\Pi_0[4] (\lambda\beta.(\beta+1)-\Pi_0)[3])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(\Pi_0[4]\ (\lambda\beta.(\Pi_0[2]) - \Pi_0)[3]) - \Pi_0)$
-(3,2,2)(4,2,2)(3,2,1)(4,3,2)	$\varphi(\wedge\alpha.(\Pi_0[4] (\wedge \beta.(\Pi_0[2]) - \Pi_0)[3]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\Pi_0[4] (\lambda \beta.(\Pi_0[3]) - \Pi_0)[3]) - \Pi_0)$
-(4,3,2)(5,3,2)(6,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\Pi_0[4] (\lambda \beta.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_0)$
-(5,3,2)(6,3,2)(5,3,2)(6,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\lambda\alpha.(\Pi_0[4]\ (\lambda\beta.(\Pi_0[4]$
-(6,3,2)(5,3,2)(6,3,2)(4,3,2)(5,3,2)-	$\Pi_0[3] - \Pi_0[4]) - \Pi_0(3]) - \Pi_0$
-(6,3,2)(5,3,2)(6,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) -	$\psi(1-\lambda\alpha.(\Pi_0[4]\ (\lambda\beta.(\Pi_0[4]$
-(3,2,2)(4,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\Pi_3[3]) - \Pi_1)[3]) - \Pi_1)$
-(6,3,2)(5,3,2)(6,3,2)(5,3,1)	115[0]) 111)[0])
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(\Pi_0[4]\ (\lambda\beta.(\Pi_0[4]$
-(3,2,2)(4,2,2)(3,2,1)(4,3,2)(5,3,2)-	$(\lambda \gamma.(\Pi_0[2]) - \Pi_0)[3]) - \Pi_1)[3]) - \Pi_0)$
-(6,3,2)(5,3,2)(6,3,2)(5,3,1)(6,4,2)	(**,*(***0[=]) ****0)[*]) ****1)[*]) ****0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	,/(), /II [d] () () (II [d]
-(3,2,2)(4,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\lambda\alpha.(\Pi_0[4]\ (\lambda\beta.(\Pi_0[4]$
-(6,3,2)(5,3,2)(6,3,2)(5,3,1)(6,4,2)	$(\lambda \gamma.(\Pi_0[4]) - \Pi_0)[3]) - \Pi_1)[3]) - \Pi_0)$
-(7,4,2)(8,4,2)(7,4,2)(8,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\lambda\alpha.((\Pi_0-\Pi_0)[4])-\Pi_0)$
-(4,2,2)(3,2,2)(4,2,2)(3,2,2)	·· · · · · · · · · · · · · · · · · · ·
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	$\psi(\lambda\alpha.(((\Pi_0-)^{1,0})[4]) - \Pi_0)$
-(3,2,2)(4,2,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	$\psi(1-\lambda\alpha.(\Pi_3[4])-\Pi_1)$
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	//1 \ (H [/]) H)
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,2,1)	$\psi(1-\lambda\alpha.(\Pi_4[4])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)[4])-\Pi_0)$
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)[4])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[2]) - \Pi_0)[4]) - \Pi_0)$
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,3,2)	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[2])-\Pi_0)[4])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[3])-\Pi_0)[4])-\Pi_0)$
-(5,3,2)(6,3,2)(7,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\Pi_0[4])-\Pi_0)[4])-\Pi_0)$
-(6,3,2)(7,3,2)(6,3,2)(7,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\lambda \alpha.((\lambda \beta.((\Pi_0 - \Pi_0)[4]) - \Pi_0)[4]) - \Pi_0)$
-(6,3,2)(7,3,2)(6,3,2)(7,3,2)(6,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_3[4]) - \Pi_1)[4]) - \Pi_1)$
-(6,3,2)(7,3,2)(6,3,2)-	φ(1 /α((//β.([13[1]) 11])[1])
-(7,3,2)(6,3,2)(7,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[2])$
-(6,3,2)(7,3,2)(6,3,2)(7,3,2)-	$-\Pi_0)[4])-\Pi_0)[4])-\Pi_0)$
-(6,3,2)(7,3,1)(8,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.((\lambda\gamma.(\Pi_0[4])$
-(6,3,2)(7,3,2)(6,3,2)(7,3,2)(6,3,2)-	$-\Pi_0)[4]) - \Pi_0)[4]) - \Pi_0)$
-(7,3,1)(8,4,2)(9,4,2)-	110/[4]/ 110/[4]/ 110/
-(10,4,2)(9,4,2)(10,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambdalpha.(\Pi_0[5])-\Pi_0)$
-(3,2,2)(4,2,2)(3,2,2)(4,2,2)	7 (* 1841 (= -0[8])
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.(\Pi_0[2] \ 1 - (\lambda \beta.(\Pi_0[5]) - \Pi_0)[2]) - \Pi_0)$
-(3,2,2)(4,2,2)(3,2,2)(4,2,2)(2,2,2)	, ((ot) (''' (ot-1) ==0)(=1) ==0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(\Pi_0[3]\ \Pi_0[2]-$
-(3,2,2)(4,2,2)(3,2,2)(4,2,2)-	$(\lambda \beta.(\Pi_0[5]) - \Pi_0)[3]) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,2)	(///-(110[0]) 110/[0]) 110/
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(\Pi_0[4]\ \Pi_0[3]-$
-(3,2,2)(4,2,2)(3,2,2)(4,2,2)(2,2,2)-	$(\lambda \beta.(\Pi_0[5]) - \Pi_0)[4]) - \Pi_0)$
-(3,2,2)(4,2,2)(3,2,2)(4,2,2)	(****(***0[*]) ***0)[*]) ***0)

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	
-(3,2,2)(4,2,2)(3,2,2)(4,2,2)(2,2,2)	.//) . (II [#] II [4] III [#]\ II \
-(3,2,2)(4,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\Pi_0[5] \ \Pi_0[4] - \Pi_0[5]) - \Pi_0)$
-(4,2,2)(3,2,2)(4,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	-//\- (/Π Π \[Ε]\ Π \
-(3,2,2)(4,2,2)(3,2,2)(4,2,2)(3,2,2)	$\psi(\lambda\alpha.((\Pi_0-\Pi_0)[5])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,2)-	$\psi(1-\lambda\alpha.(\Pi_3[5])-\Pi_1)$
-(4,2,2)(3,2,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,2)(4,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\Pi_0[6]) - \Pi_0)$
-(4,2,2)(3,2,2)(4,2,2)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(p.\Pi_0[\omega]) - \Pi_0)$
-(3,2,2)(4,2,2)(4,0,0)	$\psi(\lambda \alpha.(p.\Pi_0[\omega]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\Pi_0[2] \ 1 - p.\Pi_0[\omega]) - \Pi_0)$
-(4,2,2)(4,0,0)(2,2,2)	$\psi(\text{Acc.}(\Pi_0[2] \mid -p.\Pi_0[\omega]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.(\Pi_0[3] \ \Pi_0[2] - p.\Pi_0[\omega]) - \Pi_0)$
-(4,0,0)(2,2,2)(3,2,2)(4,2,2)	$\varphi(\lambda \alpha.(\Pi_0[0]\Pi_0[2] p.\Pi_0[\omega]) \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(4,0,0)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\Pi_0[4] \ \Pi_0[3] - p.\Pi_0[\omega]) - \Pi_0)$
-(4,2,2)(3,2,2)(4,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.(p.\Pi_0[\omega]-p.\Pi_0[\omega])-\Pi_0)$
-(4,0,0)(2,2,2)(3,2,2)(4,2,2)(4,0,0)	\$ (****(\$1.10[6] \$1.110[6]) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(4,0,0)(2,2,2)(3,2,2)(4,2,2)(4,0,0)-	$\psi(\lambda\alpha.(p.\Pi_0[\omega] - p.\Pi_0[\omega] - p.\Pi_0[\omega]) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,2)(4,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((p.\Pi_0[\omega]-)^\omega)-\Pi_0)$
-(4,2,2)(4,0,0)(3,0,0)	/ (···· (tr o[··] / / o)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(4,0,0)(3,2,0)(2,2,2)-	$\psi(\lambda\alpha.((p.\Pi_0[\omega]-)^{1,0})-\Pi_0)$
-(3,2,2)(4,2,2)(4,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(1-\lambda\alpha.(\Pi_0[\omega])-\Pi_1)$
-(4,2,2)(4,0,0)(3,2,1)	· · · · · ·
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\Pi_0[2]\ 1-$
-(4,2,2)(4,0,0)(3,2,1)(2,2,2)	$(\lambda\beta.(\Pi_0[\omega]) - \Pi_0)[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(\Pi_0[3]\ \Pi_0[2]-$
-(4,0,0)(3,2,1)(2,2,2)(3,2,2)(4,2,2)	$(\lambda\beta.(\Pi_0[\omega])-\Pi_0)[3])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(4,0,0)(3,2,1)(2,2,2)-	$\psi(\lambda\alpha.(p.\Pi_0[\omega]-\Pi_0[\omega])-\Pi_0)$
-(3,2,2)(4,2,2)(4,0,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,2)(4,0,0)(3,2,2)	$\psi(\lambda\alpha.(p.(\Pi_0-\Pi_0)[\omega])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(4,0,0)(3,2,2)(3,2,1)(4,3,2)-	$\psi(1 - \lambda \alpha.((\Pi_0 - \Pi_0)[\omega]) - \Pi_1)???$
-(5,3,2)(6,3,2)(6,0,0)(5,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	,/(), (,, (H H H)[,]) H)
-(4,0,0)(3,2,2)(3,2,2)	$\psi(\lambda\alpha.(p.(\Pi_0 - \Pi_0 - \Pi_0)[\omega]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(1-\lambda\alpha.(\Pi_3[\omega])-\Pi_1)$
-(4,0,0)(3,2,2)(4,2,1)	$\psi(1-\lambda\alpha.(\Pi_3[\omega])-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)[\omega])-\Pi_0)$
-(4,0,0)(3,2,2)(4,2,1)(5,3,0)	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)[\omega])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[2]) - \Pi_0)[\omega]) - \Pi_0)$
-(4,0,0)(3,2,2)(4,2,1)(5,3,2)	$\psi(\lambda \alpha.((\lambda \beta.(\Pi_0[Z]) - \Pi_0)[\omega]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(4,0,0)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\lambda\alpha.((\lambda\beta.(p.\Pi_0[\omega])-\Pi_0)[\omega])-\Pi_0)$
-(6,3,2)(7,3,2)(7,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(4,0,0)(3,2,2)(4,2,1)(5,3,2)-	$\psi(1 - \lambda \alpha.((\lambda \beta.(\Pi_0[\omega]) - \Pi_1)[\omega]) - \Pi_1)$
-(6,3,2)(7,3,2)(7,0,0)(6,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(\Pi_0[\omega+1])-\Pi_0)$
-(4,0,0)(3,2,2)(4,2,2)	$\psi(\lambda\alpha.(\Pi_0[\omega+1])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.(\Pi_0[\omega+2])-\Pi_0)$
-(4,0,0)(3,2,2)(4,2,2)(3,2,2)(4,2,2)	$\psi(\operatorname{Acc.}(\Pi_0[\omega+2])=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda lpha.(p.\Pi_0[\omega\cdot 2])-\Pi_0)$
-(4,0,0)(3,2,2)(4,2,2)(4,0,0)	$\varphi(\lambda(a,(p,\Pi_0[\omega+2])-\Pi_0))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda lpha.(p.\Pi_0[\omega^2])-\Pi_0)$
-(4,2,2)(4,0,0)(4,0,0)	$\varphi(Acc.(p.Ho[\omega]))$ $Ho)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda lpha.(p.\Pi_0[\Omega]) - \Pi_0)$
-(4,2,2)(4,1,0)	$\psi(n\alpha.(p.110[32]) = 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(p.\Pi_0[\Omega_\omega]) - \Pi_0)$
-(4,2,2)(4,1,0)(1,1,1)	$\psi(\text{Net.}(p.110[2\iota_{\omega}]) - 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda lpha.(p.\Pi_0[lpha])-\Pi_0)$
-(4,2,2)(4,1,0)(2,0,0)	$\psi(N\alpha.(p.\Pi_0[\alpha]) = \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_1.(p.\Pi_0[\alpha_1]) - \Pi_0) - \Pi_0)$
-(3,2,2)(4,2,2)(4,2,0)	$\psi(\wedge\alpha.(\wedge\alpha_1.(p.110[\alpha_1])-110)-110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(p.\Pi_0[\alpha_{\omega}]) - \Pi_0) - \Pi_0)$
-(4,2,2)(4,2,0)(2,2,2)	$\psi(\wedge\alpha.(\wedge\alpha_{\omega}.(p.\Pi_0[\alpha_{\omega}])-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(p.\Pi_0[\beta])-\Pi_0)[2])-\Pi_0)$
-(4,2,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(4,2,0)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(p.\Pi_0[\beta])-\Pi_0)[3])-\Pi_0)$
-(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	//) //) 0 (H [0]) H)[]) H)
-(4,2,0)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\lambda\beta.(p.\Pi_0[\beta])-\Pi_0)[\alpha])-\Pi_0)$
-(4,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(p.\Pi_0[1,0])-\Pi_0)$
-(4,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda\alpha.(p.\Pi_0[2,0])-\Pi_0)$
-(4,2,0)(3,2,2)(4,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\lambda \alpha.(p.\Pi_0[1,0,0]) - \Pi_0)$
-(4,2,0)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(p.\Pi_0[1,,0])-\Pi_0)$
-(4,2,2)(4,2,0)(5,3,0)	, (<u> </u>
(0,0,0)(1,1,1)(2,2,2)-	$\psi(1 - \lambda \alpha.(\Pi_0[1;0]) - \Pi_1)$
-(3,2,2)(4,2,2)(4,2,1)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\Pi_0[某种意义上的\omega - \text{ply 扩展}]) - \Pi_0)$
-(3,2,2)(4,2,2)(4,2,2)	$\leq \psi(a \prec_{\Sigma_1} b \prec_{\Sigma_2} c)$
(0,2,2)(4,2,2)(4,2,2)	$=$ pfec M_2O

A.15 BMS vs 方括号稳定 (帕秋莉.ver)

本节的结果主要引自[38-40]。

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)	$\psi(\omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,0)(3,2,0)	$\psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)	$\psi(\Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,1,1)	$\psi(\Pi_1 - \Pi_2 \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,0)(4,2,0)(5,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,1)(4,2,1)	$\psi(\lambda\alpha.(I_{\alpha+1}) - \Pi_1 \Pi_1 - \omega - \pi - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,1)(4,2,1)(5,2,1)	$\psi(\lambda\alpha.(\Pi_2 - \Pi_2 \text{ aft } \alpha) - \Pi_1 \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,1)(4,2,1)(5,2,1)(6,2,1)	$\psi(\lambda\alpha.(\Pi_3 \text{ aft } \alpha) - \Pi_2 \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0\ \Pi_1-\omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0 - \lambda\beta.(\beta+1) - \Pi_0)$
-(3,2,1)(4,3,0)(4,3,0)	$-\Pi_0 \; \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,1)(4,3,0)(5,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega)-\Pi_0)-\Pi_0\ \Pi_1-\omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,1)(4,3,0)(5,3,0)(6,2,1)$	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+1}) - \Pi_1) - \Pi_1 \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,1)(4,3,1)	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+2}) - \Pi_1) - \Pi_1 \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,1)(5,4,0)	$\Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\lambda\delta.(\delta+1)-\Pi_0)-\Pi_0)-\Pi_0))$
-(3,2,1)(4,3,1)(5,4,1)(6,5,0)	$-\Pi_0 \ \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,2)	$\psi(\omega - \pi - \Pi_0 \ \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,2)(2,1,1)(3,2,2)	$\psi(\omega - \pi - \Pi_0 \ \Pi_1 - \omega - \pi - \Pi_0 \ \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,2)(3,1,1)	$\psi(\Pi_1 - \Pi_2 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,2)(3,1,1)(4,2,2)(4,1,1)	$\psi(\Pi_1 - \Pi_3 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,1,1)	$\psi(\lambda \alpha.(\alpha+1) - \Pi_1$ $\lambda \alpha.(\alpha+1) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0$
-(3,1,1)(4,2,0)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1$
-(3,1,1)(4,2,1)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
-(3,1,1)(4,2,1)(5,3,0)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi(\omega - \pi - \Pi_0 \lambda \alpha.(\alpha + 1) - \Pi_0 - \omega - \pi - \Pi_0)$
$ \begin{array}{c c} -(3,1,1)(4,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,2,0) - \\ -(3,1,1)(4,2,2)(4,2,0) \end{array} $	$\psi(\lambda\alpha.(\alpha+2)-\Pi_0-\omega-\pi-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0-\omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,2,0)(4,1,0)(2,0,0)$	$\psi(\lambda \alpha.(\alpha \cdot 2) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,2,0)(4,1,1)$	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,2,0)(4,1,1)(5,2,0)$	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,2,0)(4,1,1)(5,2,1)$	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)(4,1,1)(5,2,1)(5,2,0)	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3})) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,2,0)(4,1,1)(5,2,1)(5,2,1)$	$\psi(\lambda\alpha.(\Omega_{\alpha+3}) - \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,2,0)(4,1,1)(5,2,1)(6,0,0)$	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,2,0)(4,1,1)(5,2,1)(6,2,1)$	$\psi(\lambda\alpha.(I_{\alpha+1}) - \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(6,2,1)(7,2,1)	$\psi(\lambda\alpha.(\Pi_2 - \Pi_2 \text{ aft } \alpha) - \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(6,2,1)(7,2,1)(8,2,1)	$\psi(\lambda\alpha.(\Pi_3 \text{ aft } \alpha) - \Pi_2 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(6,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0-\omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(6,3,1)	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+2}) - \Pi_1) - \Pi_1 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) - (4,1,1)(5,2,1)(6,3,1)(7,4,0)	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\gamma + 1) - \Pi_0) - \Pi_0) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,2,0)(4,1,1)(5,2,2)$	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0 - \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) - (4,1,1)(5,2,2)(2,2,0) - (3,2,0)(4,1,1)(5,2,2)	$\psi((\lambda \alpha.(\omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0 -)^2 \omega - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0) - (4,1,1)(5,2,2)(3,1,1)(4,2,2)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0 \text{ aft } \alpha\cdot 2)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,3,0)	$\psi(\lambda \alpha.(\psi_{\Pi_2 \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha})$ $(2\text{nd } \Pi_2 \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha)) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)	$\psi(\lambda \alpha.(\Pi_2 \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,2,1)	$\psi(\lambda \alpha.(\Pi_2 \Pi_1 - \Pi_2 \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_1)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,2,1)(4,2,1)$	$\psi(\lambda\alpha.(\Pi_2 - \Pi_2 \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0$
	$\frac{\text{aft }\omega - \pi - \Pi_0 \text{ aft }\alpha) - \Pi_0)}{\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+2}) - \Pi_1)}$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,1)	$ aft \ \omega - \pi - \Pi_0 \ aft \ \alpha) - \Pi_1 $
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0)$
-(3,3,1)(4,4,0)	aft $\omega - \pi - \Pi_0$ aft α) – Π_0)
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)	$\psi(\lambda \alpha.(2\text{nd }\omega - \pi - \Pi_0 \text{ aft }\alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1) - (3,3,2)(2,2,1)	$\psi(\lambda \alpha.(\Pi_2 \text{ aft 2nd } \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,3,2)(2,2,1)(3,3,2)$	$\psi(\lambda \alpha.(3\mathrm{rd}\ \omega - \pi - \Pi_0\ \mathrm{aft}\ \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,0,0)	$\psi(\lambda\alpha.(\Pi_1 - \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,2,1)	$\psi(\lambda \alpha.(\Pi_2 \Pi_1 - \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,3,2)(3,2,1)(4,3,2)$	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0\ \Pi_1-\omega-\pi-\Pi_0\ \text{aft}\ \alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,2,1)(4,3,2)(4,2,1)	$\psi(\lambda \alpha.(\Pi_2 - \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2) - (3,2,1)(4,3,2)(4,2,1)(5,3,2)(5,2,1)	$\psi(\lambda\alpha.(\Pi_3 - \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-(3,3,2)(3,3,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-\omega-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,3,2)(3,3,0)(4,2,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_1-\omega-\pi-\Pi_0)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2) - (3,3,0)(4,2,1)(5,3,2)(5,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_2-\omega-\pi-\Pi_0)-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)- $-(3,3,0)(4,2,1)(5,3,2)(5,3,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\beta+2)-\Pi_0-\omega-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,3,2)(3,3,0)(4,3,0)$	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega)-\Pi_0-\omega-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2) - (3,3,0)(4,3,0)(5,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\beta\cdot 2) - \Pi_0 - \omega - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)- $-(3,3,0)(4,3,0)(5,2,1)$	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}) - \Pi_1 - \omega - \pi - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)- $-(3,3,0)(4,3,0)(5,2,1)(6,3,1)$	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+2}) - \Pi_1 - \omega - \pi - \Pi_0) - \Pi_1)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)$
-(3,3,0)(4,3,0)(5,2,1)(6,3,1)(7,4,0)	$-\Pi_0-\omega-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\lambda \delta.(\delta+1) - \Pi_0)$
-(3,3,0)(4,3,0)(5,2,1)-	
-(6,3,1)(7,4,1)(8,5,0)	$-\Pi_0)-\Pi_0-\omega-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0 \text{ aft } \beta)$
-(3,3,0)(4,3,0)(5,2,1)(6,3,2)	$-\Pi_0-\omega-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\omega-\pi-\Pi_0 \text{ aft } \beta)-\Pi_1)-\Pi_1)$
-(3,3,0)(4,3,0)(5,2,1)(6,3,2)(4,2,1)	$\psi(\lambda \alpha.(\lambda \beta.(\omega - \kappa - \Pi_0 \text{ art } \beta) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\lambda \alpha.(\lambda \beta.(\Pi_2 \text{ aft } \omega - \pi - \Pi_0 \text{ aft } \beta) - \Pi_1) - \Pi_1)$
-(3,3,2)(3,3,1)	φ (New (N.β. (112 et al. 11 11 11 11 11 11 11 11 11 11 11 11 11
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\lambda \alpha.(\lambda \beta.(2\text{nd }\omega - \pi - \Pi_0 \text{ aft }\beta) - \Pi_0) - \Pi_0)$
-(3,3,2)(3,3,1)(4,4,2)	
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_1-\omega-\pi-\Pi_0 \text{ aft } \beta)-\Pi_0)-\Pi_0)$
-(3,3,2)(3,3,1)(4,4,2)(4,0,0)	
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2) - (3,3,1)(4,4,2)(4,3,1)(5,4,2)(5,3,1)	$\psi(\lambda \alpha.(\lambda \beta.(\Pi_2 - \omega - \pi - \Pi_0 \text{ aft } \beta) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0$
-(3,3,2)(3,3,1)(4,4,2)(4,4,0)	$-\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)	
-(3,3,1)(4,4,2)(4,4,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0 \text{ aft } \gamma)$
-(5,4,0)(6,3,1)(7,4,2)	$-\Pi_0 - \omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\Pi_2 \text{ aft})$
-(3,3,2)(3,3,1)(4,4,2)(4,4,1)	$\omega - \pi - \Pi_0 \text{ aft } \gamma) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)	$\psi(\omega-\pi-\Pi_0-\omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)(2,2,0)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-\omega-\pi-\Pi_0 \text{ aft } \alpha)$
-(3,2,0)(4,1,1)(5,2,1)(5,2,1)	$-\Pi_0-\omega-\pi-\Pi_0-\omega-\pi-\Pi_0)$
(0.0.0)/1.1.1)/0.0.0)/0.0.1)	$\psi(\lambda\alpha.(\Pi_2 \text{ aft } \omega - \pi -$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)(2,2,1)	$\Pi_0 - \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_1$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)-	$\psi(\lambda \alpha.(2 \text{nd }\omega - \pi -$
-(2,2,1)(3,3,2)(3,3,2)	$\Pi_0 - \omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-$
-(2,2,1)(3,3,2)(3,3,2)(3,3,0)	$\Pi_0-\omega-\pi-\Pi_0-\omega-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_2 \text{ aft } \omega - \pi - \Pi_0 - \omega$
-(2,2,1)(3,3,2)(3,3,2)(3,3,1)	$-\pi - \Pi_0 \text{ aft } \beta) - \Pi_1) - \Pi_1$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)(2,2,2)	$\psi((\omega - \pi - \Pi_0 -)^3)$
(0,0,0)(1,1,1)(2,2,2)(3,0,0)	$\psi((\omega-\pi-\Pi_0-)^\omega)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,1,0)	$\psi((\omega - \pi - \Pi_0 -)^{\Omega})$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,1)	$\psi(\Pi_1 - \lambda \alpha.((\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.((\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0) - (2,2,0)(3,2,0)(4,1,1)	$\psi(\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda \alpha.((\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,0)(3,2,0)(4,1,1)$	$\psi(\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda \alpha.((\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0) - (2,2,0)(3,2,0)(4,1,1)(5,2,1)	$\psi(\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda \alpha.((\omega - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0 \text{ aft } \alpha)-\Pi_0$
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$-\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha} \text{ aft } \alpha)-\Pi_0$
-(3,2,0)(4,1,1)(5,2,2)(6,1,0)(2,0,0)	$-\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,0) - (3,2,0)(4,1,1)(5,2,2)(6,1,0)(3,1,1)	$\psi(\lambda \alpha.((\omega - \pi - \Pi_0 -)^{\alpha} \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)	$\psi(\lambda\alpha.(\Pi_2 \text{ aft } (\omega - \pi - \Pi_0 -)^{\alpha} \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-(3,3,2)(4,1,0)(2,0,0)	$\psi(\lambda \alpha. (2 \operatorname{nd} (\omega - \pi - \Pi_0 -)^{\alpha} \operatorname{aft} \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)$
-(3,3,2)(4,1,0)(3,3,0)	$-\Pi_0 - (\omega - \pi - \Pi_0 -)^\alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^{\alpha}$
-(3,3,2)(4,1,0)(3,3,0)(4,3,0)-	aft β) – Π_0 – $(\omega - \pi - \Pi_0 -)^{\alpha}$) – Π_0)
-(5,2,1)(6,3,2)(7,1,0)(2,0,0)	(w // 110) / 110)
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^{\alpha}$
-(3,3,2)(4,1,0)(3,3,0)(4,3,0)	$\text{aft }\beta)-\Pi_1)-\Pi_1)$
$ \begin{array}{c} -(5,2,1)(6,3,2)(7,1,0)(4,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1) - \end{array} $	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_2 \text{ aft } (\omega - \pi - \Pi_0 -)^{\alpha})))$
-(3,3,2)(4,1,0)(3,3,1)	
$ \frac{(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)}{(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)} $	$\operatorname{aft}\beta)-\Pi_1)-\Pi_1)$
-(3,3,2)(4,1,0)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\Pi_2 \text{ aft } (\omega - \pi - \Pi_0 -)^{\alpha})))$
-(4,4,2)(5,1,0)(4,4,1)	$-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,2)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha+1})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,2)(3,1,0)(2,0,0)$	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha\cdot 2})-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(3,1,0)(2,0,0)$	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha^2})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(4,2,0)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\Omega_{\alpha+1}})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(2,2,2)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\Omega_{\alpha+1}+1})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(4,2,1)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\Omega_{\alpha+2}})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(4,2,1)(5,3,0)$	$\psi(\lambda \alpha.((\omega - \pi - \Pi_0 -)^{\lambda \alpha'.(\alpha'+1) - \Pi_0 \text{ aft } \alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(4,2,2)	$\psi(\lambda \alpha.((\omega - \pi - \Pi_0 -)^{\omega - \pi - \Pi_0 \text{ aft } \alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(4,2,2)(5,1,1)$	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{(\omega-\pi-\Pi_0)^{\Omega_{\alpha+1}}})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(4,2,2)(5,1,1)(6,2,2)(7,1,1)$	$\psi(\lambda \alpha.((\omega - \pi - \Pi_0 -)^{(\omega - \pi - \Pi_0)^{(\omega - \pi - \Pi_0)^{\Omega_{\alpha + 1}}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^\beta)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)	$\psi(\lambda\alpha.(\Pi_2 \text{ aft } \lambda\beta.((\omega-\pi-\Pi_0-)^\beta)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(3,3,2)(4,2,0)	$\psi(\lambda \alpha.(2\operatorname{nd} \lambda \beta.((\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(3,3,2)(4,2,0)(3,2,1)	$\psi(\lambda \alpha.(\Pi_2 \Pi_1 - \lambda \beta.((\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-$
-(2,2,1)(3,3,2)(4,2,0)(3,3,0)	$\lambda \beta \cdot ((\omega - \pi - \Pi_0 -)^\beta) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_2 \text{ aft})))$
-(2,2,1)(3,3,2)(4,2,0)(3,3,1)	$(\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(2\mathrm{nd})))$
-(3,3,2)(4,2,0)(3,3,1)(4,4,2)(5,2,0)	$(\omega - \pi - \Pi_0 -)^{\beta}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1) - (3,3,2)(4,2,0)(3,3,1) -	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)$
-(4,4,2)(5,2,0)(4,4,0)	$-\Pi_0 - (\omega - \pi - \Pi_0 -)^{eta}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	(A) (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B
-(3,3,2)(4,2,0)(3,3,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\Pi_2 \text{ aft } (\omega - \pi - \Pi_0 -)^{\beta}$
-(4,4,2)(5,2,0)(4,4,1)	$\operatorname{aft}\gamma)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^{\beta+1})-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,2)(4,2,0)(3,3,2)	$\varphi(\wedge\alpha.(\wedge\beta.((\omega-n-110-j)-110)-110))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)$
-(2,2,1)(3,3,2)(4,2,0)(5,3,0)	$\psi_{\Omega_{\beta+1}}(\Omega_{\beta+1}) - \Pi_0 - \Pi_0$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,0)- $-(2,2,1)(3,3,2)(4,2,1)$	$\psi(\lambda \alpha.(\lambda \beta.((\omega - \pi - \Pi_0 -)^{\Omega_{\beta+1}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)$
-(3,3,2)(4,2,1)(5,3,2)(6,2,1)	$(\omega-\pi-\Pi_0-)^{\Omega_{eta+1}})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)$
-(3,3,2)(4,2,1)(5,3,2)(6,2,1)	$(\omega-\pi-\Pi_0-)^{\Omega_{eta+1}})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.$
-(2,2,1)(3,3,2)(4,3,0)	$((\omega - \pi - \Pi_0 -)^\gamma) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.(\Pi_2 \text{ aft } \lambda\gamma.$
-(2,2,1)(3,3,2)(4,3,0)(3,3,1)	$((\omega - \pi - \Pi_0 -)^{\gamma}) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(2\mathrm{nd}\ \lambda\gamma.$
-(3,3,2)(4,3,0)(3,3,1)(4,4,2)(5,3,0)	$((\omega - \pi - \Pi_0 -)^{\gamma}) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda \alpha.(\lambda eta.(\lambda \gamma.$
-(3,3,2)(4,3,0)(3,3,1)-	$((\omega - \pi - \Pi_0 -)^{\gamma+1}) - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,4,2)(5,3,0)(4,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1) - (2,2,2)(4,2,0)(2,2,1)(4,4,2)(7,4,0)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\lambda\delta.$
-(3,3,2)(4,3,0)(3,3,1)(4,4,2)(5,4,0)	$\frac{((\omega - \pi - \Pi_0 -)^{\delta}) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)}{((\omega - \pi - \Pi_0 -)^{\delta}) - \Pi_0) - \Pi_0)}$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\lambda\delta.(\lambda\epsilon.$
-(3,3,2)(4,3,0)(3,3,1)(4,4,2)	$((\omega-\pi-\Pi_0-)^\epsilon)$
-(5,4,0)(4,4,1)(5,5,2)(6,5,0)	$-\Pi_0) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2) \right $	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega)})$
	$= \psi((\omega - \pi - \Pi_0 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,2)	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega)+1})$
-(3,2,0)(2,2,2)(2,2,2)	$= \psi((\omega - \pi - \Pi_0 -)^{(1,1)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega) + \alpha(0)})$
-(2,2,2)(3,1,0)(2,0,0)	$= \psi(\lambda \alpha.((\omega - \pi - \Pi_0 -)^{(1,\alpha)}) - \Pi_0)$ $\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega) + \Omega_{\alpha(0)+1}})$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,2,0)(2,2,2)(3,1,1)	$= \psi(\lambda \alpha.((\omega - \pi - \Pi_0 -)^{(1,\Omega_{\alpha+1})}) - \Pi_0)$ $\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega) + \alpha(1)})$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,2,0)(2,2,2)(3,2,0)	$= \psi(\lambda \alpha.(\lambda \beta.((\omega - \pi - \Pi_0 -)^{(1,\beta)}) - \Pi_0) - \Pi_0)$ $\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega) + \alpha(2)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2)-	
-(3,2,0)(2,2,1)(3,3,2)-	$= \psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.((\omega - \pi - \Pi_0 -)^{(1,\gamma)}))$
-(4,3,0)(3,3,2)(4,3,0)	$-\Pi_0) - \Pi_0) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega) \cdot 2})$
-(2,2,2)(3,2,0)(2,2,2)	$= \psi((\omega - \pi - \Pi_0 -)^{(2,0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(3,0,0)	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega) \cdot \omega})$
	$=\psi((\omega-\pi-\Pi_0-)^{(\omega,0)})$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)-	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega) \cdot \alpha(0)})$
-(3,2,0)(3,1,0)(2,0,0)	$= \psi(\lambda \alpha.((\omega - \pi - \Pi_0 -)^{(\alpha,0)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(2,2,0)	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega) \cdot \alpha(1)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(3,2,0)	$= \psi(\lambda \alpha.(\lambda \beta.((\omega - \pi - \Pi_0 -)^{(\beta,0)}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega)^2})$
-(3,2,0)(3,2,0)(2,2,2)	$= \psi((\omega - \pi - \Pi_0 -)^{(1,0,0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega)^3})$
-(3,2,0)(3,2,0)(2,2,2)	$= \psi((\omega - \pi - \Pi_0 -)^{(1,0,0,0)})$
(0,0,0)/1,1,1)/0,2,2)/2,2,0)/4,0,0)	$\psi((\omega - \pi - \Pi_0 -)^{\alpha(\omega)^{\omega}})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,0,0)	$=\psi((\omega-\pi-\Pi_0-)^{(1@\omega)})$
(0,0,0)(1,1,1)(2,2,2)-	$\psi((\omega-\pi-\Pi_0-)^{\alpha(\omega)^{\alpha(\omega)}})$
-(3,2,0)(4,2,0)(2,2,2)	$= \psi((\omega - \pi - \Pi_0 -)^{(1@(1,0))})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,3,0)	$\psi(\Pi_2 ext{ aft } \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 + \omega - \pi - \Pi_0 -$
-(3,2,0)(4,3,0)(2,2,2)	$\psi_{\Pi_2 \text{ aft } \omega - \pi - \Pi_1}(\Pi_2 \text{ aft } \omega - \pi - \Pi_1))$
	$\psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 + (\omega - \pi - \Pi_0 -)^{(1,0)}$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi_{\Pi_2 \text{ aft } \omega - \pi - \Pi_1}(\Pi_2 \text{ aft } \omega - \pi - \Pi_1))$
-(4,3,0)(2,2,2)(3,2,0)(2,2,2)	$= \psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 + \psi_{\Pi_2 \text{ aft } \omega - \pi - \Pi_1})$
	$(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 + \omega - \pi - \Pi_1))$
	$\psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 + \psi_{\Pi_2 \text{ aft } \omega - \pi - \Pi_1})$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 +$
-(4,3,0)(2,2,2)(3,2,0)(4,3,0)	$\psi_{\Pi_2 \text{ aft } \omega - \pi - \Pi_1}(\Pi_2 \text{ aft } \omega - \pi - \Pi_1)))$
	$\psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 + \psi_{\Pi_2 \text{ aft } \omega - \pi - \Pi_1})$
(0,0,0)(1,1,1)(2,2,2)-	$(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 +$
-(3,2,0)(4,3,0)(3,0,0)	$\psi_{\Pi_2 \text{ aft } \omega - \pi - \Pi_1}(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 + 1)))$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,2,0)(4,3,0)(4,3,0)	$\psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 \cdot 2)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\omega - \pi - \Pi_0 \text{ aft } \omega - \pi - \Pi_1)$
-(3,2,0)(4,3,1)(5,4,2)	$\psi(\omega - \pi - \Pi_0 \text{ art } \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0 \text{ aft } \omega-\pi-\Pi_1)$
-(4,3,1)(5,4,2)(6,3,0)(5,0,0)	1, ((()
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^{\beta})-\Pi_0)$
-(4,3,1)(5,4,2)(6,4,0)	$-\Pi_0 \text{ aft } \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi((\omega - \pi - \Pi_0 -)^{(1,0)} \text{ aft } \omega - \pi - \Pi_1)$
-(4,3,1)(5,4,2)(6,4,0)(5,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\Pi_2 \text{ aft } 2\text{nd } \omega - \pi - \Pi_1)$
-(4,3,1)(5,4,2)(6,4,0)(7,5,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,3,1)- $-(5,4,2)(6,4,0)(7,5,1)-$ $-(8,6,2)(9,6,0)(10,7,0)$	$\psi(\Pi_2 \text{ aft } 3\text{rd } \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\Pi_1-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,1,1)	$\psi(\Pi_1-\Pi_1-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1-\omega-\pi-\Pi_1$
-(2,2,0)(3,1,1)(4,2,2)(5,2,1)	$\lambda \alpha.(\alpha+1) - \Pi_0 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,0)(3,1,1)(4,2,2)(5,2,1)(4,2,0)$	$\psi(\lambda\alpha.(\alpha+2)-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(2,2,0)(3,2,0)$	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,0)(3,2,0)(4,1,1)$	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,0)(3,2,0)(4,1,1)(5,2,2)$	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 \text{ aft } \alpha) - \Pi_0 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{(1,0)})$ aft α)
-(3,2,0)(4,1,1)(5,2,2)(6,2,0)(5,2,2)	$-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_1 \text{ aft } \alpha))$
-(3,2,0)(4,1,1)(5,2,2)(6,2,1)	$-\Pi_1-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,2)(6,2,1)(3,1,1)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_1 \text{ aft } \alpha)-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0) - (3,2,0)(4,1,1)(5,2,2)(6,2,1)(3,2,0)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_1 \text{ aft } \alpha\cdot\omega)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)	$\psi(\lambda \alpha.(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 \text{ aft } \alpha) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda lpha.(\lambda eta.(eta+1)-\Pi_0$
-(3,2,1)(2,2,1)(3,3,0)	aft $\omega - \pi - \Pi_1$ aft α) $- \Pi_0$)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0)$ aft
-(3,2,1)(2,2,1)(3,3,2)	$\omega - \pi - \Pi_1 \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-\omega-\pi-\Pi_0$
-(2,2,1)(3,3,2)(3,3,2)	aft $\omega - \pi - \Pi_1$ aft $\alpha) - \Pi_0$)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha})$ aft
-(2,2,1)(3,3,2)(4,1,0)(2,0,0)	$\omega - \pi - \Pi_1 \text{ aft } \alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\Omega_{\alpha+1}}))$ aft
-(2,2,1)(3,3,2)(4,1,1)	$\omega - \pi - \Pi_1 \text{ aft } \alpha) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^{\beta})-\Pi_0$
-(2,2,1)(3,3,2)(4,2,0)	aft $\omega - \pi - \Pi_1$ aft α) $- \Pi_0$)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^{\Omega_{\beta+1}})-\Pi_0$
-(2,2,1)(3,3,2)(4,2,1)	aft $\omega - \pi - \Pi_1$ aft α) – Π_0)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.((\omega-\pi-\Pi_0-)^{\gamma})-\Pi_0)$
-(2,2,1)(3,3,2)(4,3,0)	$-\Pi_0$ aft $\omega - \pi - \Pi_1$ aft α) $-\Pi_0$)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{(1,0)}$
-(2,2,1)(3,3,2)(4,3,0)(3,3,2)	aft $\omega - \pi - \Pi_1$ aft α) – Π_0)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(2\text{nd }\omega - \pi - \Pi_1 \text{ aft }\alpha) - \Pi_1)$
-(2,2,1)(3,3,2)(4,3,1)	$\psi(\lambda\alpha.(2\operatorname{Ind}\omega-\pi-\Pi_1\operatorname{ant}\alpha)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\Pi_1-\omega-\pi-\Pi_1 \text{ aft } \alpha)-\Pi_0)$
-(2,2,1)(3,3,2)(4,3,1)(3,0,0)	φ (next(111
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-\omega-\pi-\Pi_1)-\Pi_0)$
-(2,2,1)(3,3,2)(4,3,1)(3,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)-	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}) - \Pi_1 - \omega - \pi - \Pi_1) - \Pi_0)$
$ \frac{-(3,3,2)(4,3,1)(3,3,0)(4,3,0)(5,2,1)}{(0,0,0)(1,1,1)(2,2,2)(3,2,1)} $	
-(2,2,1)(3,3,2)(4,3,1)(3,3,1)	$\psi(\lambda \alpha.(\lambda \beta.(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 \text{ aft } \beta) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,2)	$\psi(\omega-\pi-\Pi_0-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)-	// [] []
-(3,2,1)(2,2,2)(2,2,2)	$\psi(\omega - \pi - \Pi_0 - \omega - \pi - \Pi_0 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\omega-\pi-\Pi_0-)^{\alpha}\omega-\pi-\Pi_1)-\Pi_0)$
-(2,2,2)(3,1,0)(2,0,0)	φ(πα.((ω π 110) ω π 111) 110)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_0-)^\beta$
-(3,2,1)(2,2,2)(3,2,0)	$\omega - \pi - \Pi_1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi((\omega - \pi - \Pi_0 -)^{(1,0)}\omega - \pi - \Pi_1)$
-(2,2,2)(3,2,0)(2,2,2)	7 ((** ** ** ** ** ** ** ** ** ** ** ** *
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\Pi_1 - \omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 - \omega - \pi - \Pi_1)$
-(3,2,1)(2,2,2)(3,2,1)	// H H
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\omega - \pi - \Pi_0 - \omega - \pi - \Pi_1$
-(2,2,2)(3,2,1)(2,2,2)	$\omega - \pi - \Pi_0 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\omega - \pi - \Pi_0 - \omega - \pi - \Pi_1)$
-(2,2,2)(3,2,1)(2,2,2)	$\omega - \pi - \Pi_0 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)-(3,2,1)(3,1,0)(2,0,0)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_1\;\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_1$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0)	$\omega-\pi-\Pi_0-)^\beta)-\Pi_0)-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(3,2,0)(2,2,2)$	$\psi((\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(3,2,0)(2,2,2)(2,2,2)	$\psi(\omega - \pi - \Pi_0 - (\omega - \pi - \Pi_1 \omega - \pi - \Pi_0 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (3,2,0)(2,2,2)(3,2,1)	$\psi(\Pi_1 - (\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{(1,1)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0) - (2,2,2)(3,2,1)(3,2,0)(2,2,2)	$\psi((\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -)^{(2,0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (3,2,0)(4,3,0)	$\psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_1 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,1)	$\psi(\Pi_1 - \omega - \pi - \Pi_1 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(3,2,1)(2,2,2)	$\psi(\omega - \pi - \Pi_0 - \omega - \pi - \Pi_1 - \omega - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,1)(2,2,2)(3,2,1)(3,2,1)	$\psi(\omega-\pi-\Pi_1-\omega-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) $-(3,2,1)(3,2,1)$ $-(3,2,1)(3,2,1)$	$\frac{\omega - \pi - \Pi_0 - \omega - \pi - \Pi_1 - \omega - \pi - \Pi_1)}{\psi(\Pi_1 - \omega - \pi - \Pi_1 - \omega - \pi - \Pi_1 - \omega - \pi - \Pi_1)}$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,0,0)	$\psi((\omega-\pi-\Pi_1-)^\omega)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,1,0)(2,0,0)$	$\psi(\lambda\alpha.((\omega-\pi-\Pi_1-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,2,0)	$\psi(\lambda\alpha.(\lambda\beta.((\omega-\pi-\Pi_1-)^{\beta})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,2,0)(2,2,2)(3,2,1)(4,2,0)(2,2,2)$	$\psi((\omega - \pi - \Pi_1 -)^{(1,0)})$ $\omega - \pi - \Pi_0 - (\omega - \pi - \Pi_1 -)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(4,2,0)(3,2,1)	$\psi(\Pi_1 - (\omega - \pi - \Pi_1 -)^{(1,1)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,2,0)(3,2,1)(4,2,0)(2,0,0)$	$\psi((\omega-\pi-\Pi_1-)^{(2,0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,2,0)(4,2,0)(2,0,0)$	$\psi((\omega - \pi - \Pi_1 -)^{(1,0,0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,2,0)(5,3,0)$	$\psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,2,1)	$\psi(\Pi_1-\omega-\pi-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,2,1)(2,2,2)$	$\psi(\omega - \pi - \Pi_0 - \omega - \pi - \Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,2,1)(3,2,1)	$\psi(\Pi_1 - \omega - \pi - \Pi_1 - \omega - \pi - \Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,2,1)(4,2,1)	$\psi(\Pi_1 - \omega - \pi - \Pi_2 - \omega - \pi - \Pi_2)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	1/2 // = 2000 = 3
-(4,2,1)(5,1,0)(2,0,0)	$\psi(\lambda\alpha.((\omega-\pi-\Pi_2-)^\alpha)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	, ((T)(10))
-(4,2,1)(5,2,0)(2,2,2)	$\psi((\omega-\pi-\Pi_2-)^{(1,0)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_2 \text{ aft } \omega - \pi - \Pi_3)$
-(4,2,1)(5,2,0)(6,3,0)	$\psi(\Pi_2 \text{ art } \omega - \pi - \Pi_3)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1-\omega-\pi-\Pi_3)$
-(4,2,1)(5,2,1)	$\psi(\Pi_1 \omega \pi \Pi_3)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1-\omega-\pi-\Pi_3-\omega-\pi-\Pi_3)$
-(4,2,1)(5,2,1)(5,2,1)	ψ(111 ω π 113 ω π 113)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1-\omega-\pi-\Pi_4)$
-(4,2,1)(5,2,1)(6,2,1)	ψ (111 0 11 114)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1-\omega-\pi-\Pi_5)$
-(4,2,1)(5,2,1)(6,2,1)(7,2,1)	, , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\alpha(\omega).(\alpha(\omega)+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(0,2,1)(1,0,0)	$= \psi((\omega+1) - \pi - \lambda x.(x+1) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 - \lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_0) - \Pi_0)$
-(4,3,0)(2,2,2)	$\psi(\lambda \alpha.(\omega - \lambda - \Pi_0 - \lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0 -$
-(4,3,0)(2,2,2)(3,2,1)	$\lambda lpha_{\omega}.(lpha_{\omega}+1)-\Pi_0)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0$
-(4,3,0)(2,2,2)(3,2,1)(4,3,0)	$\omega - \pi - \Pi_0 - \lambda \alpha_\omega . (\alpha_\omega + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0)$
-(4,3,0)(3,1,0)(2,0,0)	$\omega - \pi - \Pi_0 -)^\alpha) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0$
-(4,3,0)(3,2,0)	$\omega - \pi - \Pi_0 -)^{\alpha(1)}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0)$
-(4,3,0)(3,2,0)(2,2,2)	$\omega - \pi - \Pi_0 -)^{(1,0)}) - \Pi_0)$
	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$-\lambda \alpha_{\omega} \cdot (\alpha_{\omega} + 1) - \Pi_0) - \Pi_1)$
-(4,3,0)(3,2,1)	$= \psi(\Pi_1 - \lambda \alpha.(\Pi_0[2] \ 1 - \Pi_0[2])$
	$\lambda \beta.(\beta+1) - \Pi_0) - \Pi_1$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_0))$
-(4,3,0)(3,2,1)(4,3,0)	
(4,0,0)(0,2,1)(4,0,0)	$\frac{\omega - \pi - \Pi_1 - \lambda \alpha_{\omega}.(\alpha_{\omega} + 1) - \Pi_0) - \Pi_1)}{\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_2))}$
(0.0.0)(4.1.1)(5.2.5)(5.3.1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,3,0)(4,2,1)	$-\lambda \alpha_{\omega} \cdot (\alpha_{\omega} + 1) - \Pi_0) - \Pi_2)$
	$=\psi(\Pi_1-\lambda\alpha.(\Pi_0[2]$
	$2 - \Pi_0[2] \lambda \beta . (\beta + 1) - \Pi_0) - \Pi_2)$

BMS	方括号稳定
	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_3)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$-\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0)-\Pi_3)$
-(4,3,0)(4,2,1)(5,3,0)(5,2,1)	$= \psi(\Pi_1 - \lambda \alpha.(\Pi_0[2] \ 3 - \Pi_0[2])$
	$\lambda \beta . (\beta+1) - \Pi_0) - \Pi_3)$
	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\lambda \alpha_{\omega} \cdot (\alpha_{\omega} + 1) - \Pi_0) - \Pi_0)$
-(4,3,0)(4,3,0)	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\beta+1) - \Pi_0 - \Pi_0[2])$
	$\lambda \beta.(\beta+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,0)(5,1,0)(2,0,0)	$\psi(\lambda \alpha.((\lambda \alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-)^{\alpha})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.((\lambda \alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-)^{\alpha(1)})-\Pi_0)$
-(4,3,0)(5,2,0)	$\varphi(\wedge\alpha.((\wedge\alpha_{\omega}.(\alpha_{\omega}+1)-11_0-)\cdots)-11_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.((\lambda \alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_{0}-)^{(1,0)})-\Pi_{0})$
-(4,3,0)(5,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_1) - \Pi_1)$
-(4,3,0)(5,2,1)	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\beta+1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0$
-(4,3,0)(5,2,1)(4,3,0)	$-\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_1)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_1\ \lambda\alpha_{\omega}.$
-(4,3,0)(5,2,1)(4,3,0)(5,2,1)	$(\alpha_{\omega}+1)-\Pi_0-\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_1)$
-(4,3,0)(5,2,1)(5,2,1)	$-\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_2) - \Pi_2)$
-(4,3,0)(5,2,1)(6,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_3) - \Pi_3)$
$ \begin{array}{c c} -(4,3,0)(5,2,1)(6,2,1)(7,2,1) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,1) - \end{array} $	
-(4,3,0)(5,2,1)(6,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	
-(4,3,0)(5,2,1)(6,3,0)(7,2,0)	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\alpha_{\omega}+2)-\Pi_0-)^{\alpha}(1))-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	//) //) / + a) H)(10) H)
-(5,2,1)(6,3,0)(7,2,0)(2,2,2)	$\psi(\lambda \alpha.((\lambda \alpha_{\omega}.(\alpha_{\omega}+2)-\Pi_0-)^{(1,0)})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 2) - \Pi_1) - \Pi_1)$
-(5,2,1)(6,3,0)(7,2,1)	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 2) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+3)-\Pi_0)-\Pi_0)$
-(5,2,1)(6,3,0)(7,2,1)(8,3,0)	, (* ···· (* ···› w · (* ·· · · · ·) - 1-0)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,3,0)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0$
-(4,3,0)(5,3,0)(4,3,0)	$-\lambda lpha_\omega.(lpha_\omega+\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_1)$
-(4,3,0)(5,3,0)(4,3,0)(5,2,1)	$\lambda \alpha_{\omega}.(\alpha_{\omega}+1) - \Pi_0 - \lambda \alpha_{\omega}.(\alpha_{\omega}+\omega) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+2)-\Pi_0)$
-(5,3,0)(4,3,0)(5,2,1)(6,3,0)	$\lambda \alpha_{\omega}.(\alpha_{\omega}+1) - \Pi_0 - \lambda \alpha_{\omega}.(\alpha_{\omega}+\omega) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega)-\Pi_0)$
-(5,3,0)(4,3,0)(5,2,1)(6,3,0)(7,3,0)	$\lambda \alpha_{\omega}.(\alpha_{\omega}+1) - \Pi_0 - \lambda \alpha_{\omega}.(\alpha_{\omega}+\omega) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_1 -$
-(5,3,0)(4,3,0)(5,2,1)-	, (= , , = ,
-(6,3,0)(7,3,0)(5,2,1)	$\lambda \alpha_{\omega}.(\alpha_{\omega}+\omega)-\Pi_0)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + 1) - \Pi_2)$
-(5,3,0)(4,3,0)(5,2,1)-	$-\lambda \alpha_{\omega} \cdot (\alpha_{\omega} + \omega) - \Pi_{0}) - \Pi_{2})$
-(6,3,0)(7,3,0)(6,2,1)	$\lambda \alpha_{\omega} \cdot (\alpha_{\omega} + \omega) = \Pi_0 = \Pi_2$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+3)-\Pi_0)$
-(5,3,0)(4,3,0)(5,2,1)(6,3,0)(7,3,0)	$-\lambdalpha_\omega.(lpha_\omega+\omega)-\Pi_0)-\Pi_0)$
-(6,3,0)(7,2,1)(8,3,0)(9,3,0)(8,3,0)	,
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega)-\Pi_0)$
-(4,3,0)(5,3,0)(4,3,0)(5,3,0)	$-\lambda lpha_\omega.(lpha_\omega+\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + \omega) - \Pi_1) - \Pi_1)$
-(4,3,0)(5,3,0)(5,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,3,0)(5,3,0)(5,2,1)(6,2,1)	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega + \omega) - \Pi_2) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	
-(4,3,0)(5,3,0)(5,2,1)(6,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	
-(5,3,0)(5,2,1)(6,3,0)(7,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega\cdot 2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	
-(5,3,0)(5,2,1)(6,3,0)(7,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega\cdot3)-\Pi_0)-\Pi_0)$
-(7,2,1)(8,3,0)(9,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega^2)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,3,0)(5,3,0)	$\psi(\wedge\alpha.(\wedge\alpha_{\omega}.(\alpha_{\omega}+\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda lpha_\omega.(lpha_\omega+\omega^\omega)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,3,0)(6,0,0)	7 ((
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\alpha)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,3,0)(6,1,0)(2,0,0)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\Omega_{\alpha+1})-\Pi_0)-\Pi_0)$
-(4,3,0)(5,3,0)(6,1,1)	, ((w (w . a ₁ 1, 0, 0)

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\lambda\beta.(\beta+1)$
-(5,3,0)(6,1,1)(7,2,1)(8,3,0)	$-\Pi_0$ aft $\alpha)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	./() · () · (· · · /1) \ H \ H \
-(4,3,0)(5,3,0)(6,2,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\alpha(1))-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} \cdot 2) - \Pi_0) - \Pi_0)$
-(4,3,0)(5,3,0)(6,2,0)(2,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot 2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda lpha.(\lambda lpha_\omega.(lpha_\omega \cdot 2) - \Pi_1) - \Pi_1)$
-(4,3,0)(5,3,0)(6,2,0)(5,2,1)	$\varphi(\Pi_1 \mid \lambda \alpha.(\lambda \alpha_\omega.(\alpha_\omega \cdot 2) \mid \Pi_1) \mid \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot 2+1)-\Pi_0)-\Pi_0)$
-(5,3,0)(6,2,0)(5,2,1)(6,3,0)	φ (Na. (Na ω . ($\omega = 2 + 1$) $= 110$)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} \cdot 2 + \omega) - \Pi_0) - \Pi_0)$
-(5,3,0)(6,2,0)(5,2,1)(6,3,0)(7,3,0)	φ (παι(παωνίαω 2 ω) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	
-(5,3,0)(6,2,0)(5,2,1)(6,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}\cdot3)-\Pi_0)-\Pi_0)$
-(7,3,0)(8,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	
-(5,3,0)(6,2,0)(5,2,1)(6,3,0)(7,3,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega}\cdot 4) - \Pi_{0}) - \Pi_{0})$
-(8,2,0)(6,2,1)(7,3,0)-	, (
-(8,3,0)(9,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega}\cdot\omega)-\Pi_0)-\Pi_0)$
-(4,3,0)(5,3,0)(6,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega}^{2}) - \Pi_{0}) - \Pi_{0})$
-(5,3,0)(6,2,0)(5,3,0)(6,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}{}^{\omega})-\Pi_{0})-\Pi_{0})$
-(5,3,0)(6,2,0)(6,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}{}^{\alpha_{\omega}})-\Pi_0)-\Pi_0)$
-(5,3,0)(6,2,0)(6,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0) - (5,3,0)(6,2,0)(7,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega}+1}}(\Omega_{\alpha_{\omega}+1}))-\Pi_0)-\Pi_0)$
	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega},+1}}(\lambda\alpha'.(\alpha'+1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0) - (5,3,0)(6,2,0)(7,3,1)(8,4,0)	~ ·
	$-\Pi_0 \text{ aft } \alpha_\omega)) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega}+1}}$
-(5,3,0)(6,2,0)(7,3,1)(8,4,2)(9,4,1)	$(\omega - \pi - \Pi_1 \text{ aft } \alpha_\omega)) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega}+1}}(\lambda\alpha'.(\lambda\alpha'(\omega).$
-(5,3,0)(6,2,0)(7,3,1)(8,4,2)(9,4,1)	$(\psi_{\Omega_{\alpha'(\omega)+1}(\Omega_{\alpha'(\omega)+1}))-\Pi_0)-\Pi_0 \text{ aft } \alpha_\omega))-\Pi_0)-\Pi_0)$
-(10,5,0)(11,5,0)(12,4,0)(13,5,0)	$\cdots - \alpha(\omega) + 1 \cdots - \alpha(\omega) + 1 \cdots - 1 \cdots $
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+1})-\Pi_1)-\Pi_1)$
-(4,3,0)(5,3,0)(6,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\Omega_{\alpha_\omega + 1}) - \Pi_2) - \Pi_2)$
-(4,3,0)(5,3,0)(6,2,1)(5,2,1)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0) - (5,3,0)(6,2,1)(5,2,1)(6,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+1}+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0) - (5,3,0)(6,2,1)(5,2,1) - (6,3,0)(7,3,0)(8,2,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+1}\cdot 2)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0) - (5,3,0)(6,2,1)(5,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+1}\cdot\omega)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0) - (5,3,0)(6,2,1)(7,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega}+2}}(\Omega_{\alpha_{\omega}+2})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(4,3,0)(5,4,0)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega}+2}}(\Omega_{\alpha_{\omega}+3})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+2})-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+2})-\Pi_1$
-(4,3,0)(5,3,0)(6,2,1)(7,3,1)	$-\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+2})-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1) - (4,3,0)(5,3,0)(6,2,1)(7,3,1)(5,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\Omega_{\alpha_{\omega}+2} \cdot \omega) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(4,3,1)(4,3,0)(5,4,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\psi_{\Omega_{\alpha_{\omega}+3}}(\Omega_{\alpha_{\omega}+4}))-\Pi_{0})-\Pi_{0})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,3,1)(4,3,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+3})-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(4,3,1)(5,0,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+\omega})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,1)(5,2,0)(2,2,2)$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}\cdot 2}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,1)(5,2,1)$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\Omega_{\alpha_{\omega}+1}})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,1)(5,2,1)(6,3,1)(7,2,1)$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\Omega_{\Omega_{\alpha_{\omega}+1}}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,1)(5,3,0)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\psi_{I_{\alpha_{\omega}+1}}(I_{\alpha_{\omega}+1})) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,1)(5,3,1)(6,3,1)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\Pi_2 - \Pi_2 \text{ aft } \alpha_{\omega}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,1)(5,3,1)(6,3,1)(7,3,1)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\Pi_3 \text{ aft } \alpha_{\omega}) - \Pi_2) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_0)$
-(4,3,1)(5,4,0)	$= \psi((\omega+2) - \pi - \lambda x.(x+1) - \Pi_0)$
	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\lambda \gamma.(\gamma + 1) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-$
-(4,3,1)(5,4,0)(2,2,2)	$\lambda \alpha_{\omega} \cdot (\lambda \alpha_{\omega+1} \cdot (\alpha_{\omega+1} + 1) - \Pi_0) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_1 -$
-(4,3,1)(5,4,0)(3,2,1)	$\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_0)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_2 -$
-(4,3,1)(5,4,0)(4,2,1)	$\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_0)-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-$
-(4,3,1)(5,4,0)(4,3,0)	$\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+\omega)-\Pi_0$
-(4,3,1)(5,4,0)(4,3,0)(5,3,0)	$-\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+1})-\Pi_1$
-(4,3,1)(5,4,0)(4,3,0)(5,3,0)(6,2,1)	$-\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_0)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+2})-\Pi_1-$
-(5,4,0)(4,3,0)(5,3,0)(6,2,1)(7,3,1)	$\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_0)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(5,4,0)(4,3,0)(5,3,0)-	$-\Pi_0) - \Pi_0 - \Pi_0$
-(6,2,1)(7,3,1)(8,4,0)	-, -, , -, -, -, -, -, -, -, -, -, -, -,
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Pi_2 \text{ aft } \lambda\alpha_{\omega+1}.$
-(4,3,1)(5,4,0)(4,3,1)	$(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(2\text{nd }\lambda \alpha_{\omega+1}.$
-(4,3,1)(5,4,0)(4,3,1)(5,4,0)	$(\alpha_{\omega+1}+1)-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Pi_1 - \lambda\alpha_{\omega+1}.(\alpha_{\omega+1} + 1)$
-(4,3,1)(5,4,0)(5,0,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\Pi_1-)^{\alpha}\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(4,3,1)(5,4,0)(5,1,0)(2,0,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\Pi_1-)^{\alpha_1}\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(4,3,1)(5,4,0)(5,2,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\Pi_1-)^{\alpha_{\omega}}\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(4,3,1)(5,4,0)(5,2,0)(2,2,2)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\Pi_1 -)^{\Omega_{\alpha_{\omega}+1}}\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(4,3,1)(5,4,0)(5,2,1)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\Pi_1-)^{(1,0)}\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(4,3,1)(5,4,0)(5,3,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha(\lambda\alpha_{\omega}.(\Pi_2\ \Pi_1 - \lambda\alpha_{\omega+1}.(\alpha_{\omega+1} + 1)$
-(4,3,1)(5,4,0)(5,3,1)	$-\Pi_0)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Pi_2 - \lambda\alpha_{\omega+1}.(\alpha_{\omega+1} + 1)$
-(5,4,0)(5,3,1)(6,4,0)(6,3,1)	$-\Pi_0)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(4,3,1)(5,4,0)(5,4,0)	$-\Pi_0 -)^2) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(4,3,1)(5,4,0)(6,2,0)(2,2,2)	$-\Pi_0-)^{\alpha_\omega})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\lambda \alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(4,3,1)(5,4,0)(6,3,0)	$-\Pi_0 -)^{(1,0)}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1} + 1)$
-(4,3,1)(5,4,0)(6,3,1)	$-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1} + 1)$
-(4,3,1)(5,4,0)(6,3,1)(7,3,1)	$-\Pi_2)-\Pi_2)-\Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}+2)$
-(4,3,1)(5,4,0)(6,3,1)(7,4,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}+\omega)$
-(4,3,1)(5,4,0)(6,4,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\alpha_{\omega+1} + \alpha_{\omega})$
-(5,4,0)(6,4,0)(7,2,0)(2,2,2)	$-\Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}\cdot 2)$
-(5,4,0)(6,4,0)(7,3,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\Omega_{\alpha_{\omega+1}+1})$
-(5,4,0)(6,4,0)(7,3,1)	$-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\Omega_{\alpha_{\omega+1}+2})$
-(3,2,1)(4,3,1)(5,4,1)	$-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\Omega_{\alpha_{\omega+1}+3})$
-(4,3,1)(5,4,1)(5,4,1)	$-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega+1}.(\Omega_{\alpha_{\omega+1}+\omega}) - \Pi_0) - \Pi_0)$
-(4,3,1)(5,4,1)(6,0,0)	$\varphi (\wedge \alpha . (\wedge \alpha_{\omega+1} . (\cup \alpha_{\omega+1} + \omega) - \square_0))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+1}.(\Omega_{\alpha_{\omega+1}+\alpha_{\omega}})-\Pi_0)-\Pi_0)$
-(4,3,1)(5,4,1)(6,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,3,1)(5,4,1)(6,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega+1}.(\Omega_{\alpha_{\omega+1}\cdot 2}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,1)(5,4,1)(6,3,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+1}.(\Omega_{\Omega_{\alpha_{\omega+1}+1}})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+1}.(\Pi_2 \text{ aft})))$
-(4,3,1)(5,4,1)(6,4,1)	$\Pi_1 - \Pi_2 \text{ aft } \alpha_{\omega+1}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,1)(5,4,1)(6,4,1)(7,4,1)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega+1}.(\Pi_2 - \Pi_2 \text{ aft } \alpha_{\omega+1}) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega+1}.(\Pi_3 \text{ aft } \alpha_{\omega+1}) - \Pi_2) - \Pi_2)$
-(5,4,1)(6,4,1)(7,4,1)(8,4,1)	

BMS	方括号稳定
	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+2}.(\alpha_{\omega+2}+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$= \psi((\omega+3) - \pi - \lambda x.(x+1) - \Pi_0)$
-(4,3,1)(5,4,1)(6,5,0)	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\lambda \gamma.(\lambda \delta.(\delta + 1)$
	$-\Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\Pi_2 \text{ aft } \lambda \alpha_{\omega+2}.(\alpha_{\omega+2}+1)$
-(4,3,1)(5,4,1)(6,5,0)(4,3,1)	$-\Pi_0)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+1}.(\Pi_2 \text{ aft } \lambda\alpha_{\omega+2}.(\alpha_{\omega+2}+1)$
-(4,3,1)(5,4,1)(6,5,0)(5,4,1)	$-\Pi_0)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega+1}.(2\text{nd }\lambda \alpha_{\omega+2}.(\alpha_{\omega+2}+1)$
-(5,4,1)(6,5,0)(5,4,1)(6,5,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+1}.(\lambda\alpha_{\omega+2}.(\alpha_{\omega+2}+1)$
-(4,3,1)(5,4,1)(6,5,0)(7,4,1)	$-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+1}.(\lambda\alpha_{\omega+2}.(\alpha_{\omega+2}+\omega)$
-(4,3,1)(5,4,1)(6,5,0)(7,5,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+1}.(\lambda\alpha_{\omega+2}.(\Omega_{\alpha_{\omega+2}+1})$
-(4,3,1)(5,4,1)(6,5,1)	$-\Pi_1)-\Pi_1)-\Pi_1)$
	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+3}.(\alpha_{\omega+3}+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$= \psi((\omega+4) - \pi - \lambda x.(x+1) - \Pi_0)$
-(4,3,1)(5,4,1)(6,5,1)(7,6,0)	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\lambda \gamma.(\lambda \delta.(\lambda \epsilon.(\epsilon+1)$
	$-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)$
	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)	$=\psi((\omega\cdot 2)-\pi-\Pi_0)$
	$= \psi(\lambda \alpha.(\Pi_0[2] \ \omega - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-$
-(4,3,2)(2,2,2)	$\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0)-\Pi_0)$
-(4,3,2)(2,2,2)(3,2,1)(4,3,2)	$\omega - \pi - \Pi_0 - \lambda \alpha_{\omega} \cdot (\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_1 -$
-(4,3,2)(3,2,1)	$\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\omega - \pi - \Pi_0) - \Pi_0)$
-(4,3,2)(3,2,1)(4,3,2)	$\omega - \pi - \Pi_1 - \lambda \alpha_{\omega} \cdot (\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_2 -$
-(4,3,2)(4,2,1)	$\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0) - \Pi_2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-$
-(4,3,2)(4,3,0)	$\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)- $(4,3,0)(5,3,0)(6,2,1)(7,3,2)$	$\psi(\lambda\alpha.((\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0)-\Pi_0-)^2)-\Pi_0)$
-(4,3,0)(5,3,0)(6,2,1)(7,3,2)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,2)(4,3,1)$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Pi_2 \text{ aft } \omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}) - \Pi_0)$
-(4,3,2)(4,3,1)(5,4,0)	$aft \ \omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,3,2)(4,3,1)(5,4,2)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(2\text{nd }\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)- $-(4,3,1)(5,4,2)(5,2,0)(2,2,2)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\Pi_1-)^{\alpha_{\omega}}\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)- $-(4,3,1)(5,4,2)(5,3,1)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\Pi_2 \Pi_1 - \omega - \pi - \Pi_0) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}+1)$
-(4,3,1)(5,4,2)(5,4,0)	$-\Pi_0 - \omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\omega - \pi - \Pi_0 \text{ aft } \alpha_{\omega+1})))$
$\begin{array}{c} -(4,3,1)(5,4,2)(5,4,0) - \\ -(6,4,0)(7,3,1)(8,4,2) \end{array}$	$-\Pi_0 - \omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\Pi_2 \text{ aft } \omega$
-(4,3,1)(5,4,2)(5,4,1)	$-\pi - \Pi_0) - \Pi_1) - \Pi_1) - \Pi_1$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\omega+1}.(\lambda \alpha_{\omega+2}.(\Pi_2 \text{ aft } \omega$
-(4,3,1)(5,4,2)(5,4,1)(6,5,2)(6,5,1)	$-\pi - \Pi_0) - \Pi_1) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0$
-(4,3,2)(4,3,2)	$-\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,2)(5,1,0)(2,0,0)$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\omega-\pi-\Pi_0-)^{\alpha})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(4,3,2)(5,2,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\omega-\pi-\Pi_0-)^{\alpha_1})-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,2)(5,2,0)(2,2,2)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega - \pi - \Pi_0 -)^{\alpha_{\omega}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(4,3,2)(5,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega - \pi - \Pi_0 -)^{\alpha_{\omega+1}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-$
-(4,3,2)(5,3,0)(4,3,0)	$\lambda \alpha_{\omega}.((\omega - \pi - \Pi_0 -)^{\alpha_{\omega+1}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)- $-(5,3,0)(4,3,0)(5,3,0)-$ $-(6,2,1)(7,3,2)(8,3,0)$	$\psi(\lambda \alpha.((\lambda \alpha_{\omega}.((\omega - \pi - \Pi_0 -)^{\alpha_{\omega+1}}) - \Pi_0 -)^2) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Pi_2$
-(4,3,2)(5,3,0)(4,3,1)	aft $(\omega - \pi - \Pi_0 -)^{\alpha_{\omega+1}}) - \Pi_1) - \Pi_1$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)- $-(5,3,0)(4,3,1)(5,4,2)(6,3,0)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(2\text{nd}(\omega - \pi - \Pi_0 -)^{\alpha_{\omega+1}}) - \Pi_0) - \Pi_0))$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	л () . () . ((
-(5,3,0)(4,3,1)(5,4,2)(6,3,0)(5,4,2)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega - \pi - \Pi_0 -)^{\alpha_{\omega+1}+1}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega - \pi - \Pi_0 -)^{\Omega_{\alpha_{\omega+1}+1}}) - \Pi_0) - \Pi_0)$
-(5,3,0)(4,3,1)(5,4,2)(6,3,1)	$\psi(\lambda\alpha.(\lambda\alpha_\omega.((\omega-\pi-\Pi_0-))^{-\omega+1})-\Pi_0)=\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega - \pi - \Pi_0 -)^{\alpha_{\omega+2}}) - \Pi_0) - \Pi_0)$
-(5,3,0)(4,3,1)(5,4,2)(6,4,0)	φ (πα.(παω.((ω π 110)) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\lambda\alpha_{\omega+1}.(\Pi_2 \text{ aft}$
-(5,3,0)(4,3,1)(5,4,2)(6,4,0)(5,4,1)	$(\omega - \pi - \Pi_0 -)^{\alpha_{\omega+2}}) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	
-(5,3,0)(4,3,1)(5,4,2)(6,4,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\omega-\pi-\Pi_0-)^{\alpha_{\omega+3}})-\Pi_0)-\Pi_0)$
-(5,4,1)(6,5,2)(6,5,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\omega-\pi-\Pi_0-)^{(1,0)})-\Pi_0)-\Pi_0)$
-(4,3,2)(5,3,0)(4,3,2)	, (
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\lambda \alpha_\omega.(\omega - \pi - \Pi_1) - \Pi_1) - \Pi_1)$
-(4,3,2)(5,3,0)(6,4,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\omega - \pi - \Pi_1) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,2)(5,3,1)	$=\psi((\omega\cdot 2)-\pi-\Pi_1)$
	$= \psi(\lambda \alpha.(\Pi_0[2] \lambda \beta.(\Pi_0[2]) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_\omega.(\omega - \pi - \Pi_2) - \Pi_2) - \Pi_2)$
-(4,3,2)(5,3,1)(6,3,1)	φ (111 / 112) 112) 112)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega \cdot 2}.(\alpha_{\omega \cdot 2} + 1) - \Pi_0) - \Pi_0)$
-(4,3,2)(5,3,1)(6,4,0)	7 (2 2 2 .) 0)
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot2}.(\Omega_{\alpha_{\omega\cdot2}+2})-\Pi_1)-\Pi_1)$
-(4,3,2)(5,3,1)(6,4,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot 2}.(\lambda\alpha_{\omega\cdot 2+1}.(\alpha_{\omega\cdot 2+1}+1)$
-(4,3,2)(5,3,1)(6,4,1)(7,5,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot 2}.(\lambda\alpha_{\omega\cdot 2+1}.(\Omega_{\alpha_{\omega\cdot 2+1}+2})$
-(4,3,2)(5,3,1)(6,4,1)(7,5,1)	$-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot 2}.(\lambda\alpha_{\omega\cdot 2+2}.(\alpha_{\omega\cdot 2+1}+2)$
-(5,3,1)(6,4,1)(7,5,1)(8,6,0)	$-\Pi_0)-\Pi_0)-\Pi_0)$
	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot2}.(\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$=\psi((\omega\cdot 3)-\pi-\Pi_0)$
-(4,3,2)(5,3,1)(6,4,2)	$= \psi(\lambda \alpha.(\Pi_0[2] \ \lambda \beta.(\Pi_0[2]$
	$\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot2}.(\omega-\pi-\Pi_0$
-(4,3,2)(5,3,1)(6,4,2)(6,4,2)	$-\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
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BMS	方括号稳定
	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_{\omega \cdot 2}.(\omega - \pi - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$=\psi(\Pi_1-(\omega\cdot 3)-\pi-\Pi_1)$
-(4,3,2)(5,3,1)(6,4,2)(7,4,1)	$= \psi(\Pi_1 - \lambda \alpha.(\Pi_0[2] \lambda \beta.(\Pi_0[2]$
	$\lambda\gamma.(\Pi_0[2])-\Pi_1)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)	
-(5,3,1)(6,4,2)(7,4,1)(8,5,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot3+1}.(\alpha_{\omega\cdot3+1}+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega \cdot 3+1}.(\Omega_{\alpha_{\omega \cdot 3+1}+2}) - \Pi_1) - \Pi_1)$
-(5,3,1)(6,4,2)(7,4,1)(8,5,1)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot3+1}.(\Omega_{\alpha_{\omega\cdot3+1}+2})-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega\cdot3}.(\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(5,3,1)(6,4,2)(7,4,1)(8,5,2)	φ (παι(παω.ς.(ω π 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\omega^2 - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\omega^2 - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,0)-	$\psi((\lambda\alpha.(\omega^2 - \pi - \Pi_0) - \Pi_0 -)^2)$
-(3,2,0)(4,1,1)(5,2,2)(6,2,2)	φ((πα.(ω '' 110) 110))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\omega^2 - \pi - \Pi_0) - \Pi_1)$
-(3,2,0)(4,1,1)(5,2,2)(6,2,2)(3,1,1)	, (1 (0) 1)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,0)	40. (2
-(3,2,0)(4,1,1)(5,2,2)-	$\psi(\lambda\alpha.(\omega^2 - \pi - \Pi_0 + 1) - \Pi_0)$
-(6,2,2)(3,1,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,0)	$\psi(\lambda\alpha.(\omega^2 - \pi - \Pi_0 \text{ aft } \alpha \cdot \omega) - \Pi_0)$
-(3,2,0)(4,1,1)(5,2,2)(6,2,2)(3,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,1)	$\psi(\lambda\alpha.(\Pi_2 \text{ aft } \omega^2 - \pi - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_1.(\alpha_1+1) - \Pi_0 \text{ aft } \omega^2 - \pi - \Pi_0) - \Pi_0)$
-(2,2,1)(3,3,0)	7((1(1)))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\lambda \alpha.(\lambda \alpha_1.(\Omega_{\alpha_1+2}) - \Pi_1 \text{ aft } \omega^2 - \pi - \Pi_0) - \Pi_1)$
-(2,2,1)(3,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (2,2,1)(3,3,2)	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0)) = \Pi_0 + \Pi_0 + \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\omega-\pi-\Pi_0-\omega-\pi-\Pi_0$
-(2,2,1)(3,3,2)(3,3,2)	$\operatorname{aft} \omega^2 - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	,
-(2,2,1)(3,3,2)(4,3,1)	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_1 \text{ aft } \omega^2 - \pi - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,1)(3,3,2)(4,3,1)(5,4,2)	$\psi(\lambda \alpha.((\omega \cdot 2) - \pi - \Pi_0 \text{ aft } \omega^2 - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,1)	sh() s ((2) - H - t - 2 - H) H)
-(3,3,2)(4,3,1)(5,4,2)(6,4,1)(7,5,2)	$\psi(\lambda \alpha.((\omega \cdot 3) - \pi - \Pi_0 \text{ aft } \omega^2 - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(2\text{nd }\omega^2 - \pi - \Pi_0) - \Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)	$\psi(\wedge\alpha.(2\Pi \alpha \omega - \pi - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(2,2,1)(3,3,2)(4,3,2)(3,0,0)$	$\psi(\lambda\alpha.(\Pi_1-\omega^2-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (2,2,1)(3,3,2)(4,3,2)(3,2,1)	$\psi(\lambda\alpha.(\Pi_2\ \Pi_1-\omega^2-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (2,2,1)(3,3,2)(4,3,2)(3,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_1.(\alpha_1+1)-\Pi_0-\omega^2-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (2,2,1)(3,3,2)(4,3,2)(3,3,1)	$\psi(\lambda\alpha.(\lambda\alpha_1.(\Pi_2 \text{ aft } \omega^2 - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,1) - (3,3,2)(4,3,2)(3,3,1) - (4,4,2)(5,4,2)(4,4,1)	$\psi(\lambda \alpha.(\lambda \alpha_2.(\Pi_2 \text{ aft } \omega^2 - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 - \lambda \alpha_\omega.(\omega^2 - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (2,2,2)(3,2,1)	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_1 \ \omega - \pi - \Pi_0$ $-\lambda \alpha_\omega.(\omega^2 - \pi - \Pi_0) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (2,2,2)(3,2,1)(4,3,2)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0) - \Pi_0 \omega - \pi - \Pi_0) - \lambda \alpha_{\omega}.(\omega^2 - \pi - \Pi_0) - \mu_0) - \mu_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2) - (3,2,1)(4,3,2)(5,3,2)(3,2,1)	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_0) - \Pi_0)$ $\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_1 - \Pi_0) - \Pi_0)$ $\lambda \alpha_\omega.(\omega^2 - \pi - \Pi_0) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-(3,2,1)(4,3,2)(5,3,2)(4,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} + 1) - \Pi_0 - \lambda \alpha_{\omega}.(\omega^2 - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(4,3,1)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\Pi_2 \text{ aft } \omega^2 - \pi - \Pi_0) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(4,3,2)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0 - \Lambda_0) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)- $-(3,2,1)(4,3,2)(5,3,2)(4,3,2)-$ $-(5,3,1)(6,4,2)(7,4,2)(6,4,2)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega \cdot 2}.(\omega - \pi - \Pi_0 - \Lambda_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (2,2,2)(3,2,2)	$\psi(\lambda\alpha.(\omega^2 - \pi - \Pi_0 - \omega^2 - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,1,0)	$\psi(\lambda\alpha.((\omega^2 - \pi - \Pi_0 -)^{\Omega}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(3,1,0)(2,0,0)$	$\psi(\lambda\alpha.((\omega^2 - \pi - \Pi_0 -)^{\alpha}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)	$\psi(\lambda\alpha.(\lambda\alpha_1.((\omega^2 - \pi - \Pi_0 -)^{\alpha_1}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (3,2,0)(2,2,2)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega^2 - \pi - \Pi_0 -)^{\alpha_{\omega}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (3,2,0)(2,2,2)(2,2,2)	$\psi(\lambda\alpha.(\omega - \pi - \Pi_0 - \lambda\alpha_\omega.)$ $((\omega^2 - \pi - \Pi_0 -)^{\alpha_\omega}) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega^2 - \pi - \Pi_0 -)^{\alpha_{\omega}}) - \Pi_0 \omega - \pi)$
-(2,2,2)(3,2,1)(4,3,2)-	
-(5,3,2)(6,2,0)(2,2,2)	$-\Pi_0 - \lambda \alpha_{\omega} \cdot ((\omega^2 - \pi - \Pi_0 -)^{\alpha_{\omega}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\Pi_1 - \lambda lpha.(\omega - \pi - \Pi_1 -$
-(2,2,2)(3,2,1)(4,3,2)-	$\lambda \alpha_{\omega} \cdot ((\omega^2 - \pi - \Pi_0 -)^{\alpha_{\omega}}) - \Pi_0) - \Pi_1)$
-(5,3,2)(6,2,0)(3,2,1)	$\lambda \alpha_{\omega} \cdot ((\omega - \pi - \Pi_0 -)^{-1}) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\lambda lpha.(\lambda lpha_\omega.(lpha_\omega+1)-\Pi_0-$
-(2,2,2)(3,2,1)(4,3,2)-	$\lambda \alpha_{\omega}.((\omega^2 - \pi - \Pi_0 -)^{\alpha_{\omega}}) - \Pi_0) - \Pi_0)$
-(5,3,2)(6,2,0)(4,3,0)	\mathcal{M}_{ω} .((ω '' 110') 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_\omega.(\Pi_2 \text{ aft}$
-(2,2,2)(3,2,1)(4,3,2)-	$(\omega^2 - \pi - \Pi_0 -)^{\alpha_\omega}) - \Pi_0) - \Pi_0)$
-(5,3,2)(6,2,0)(4,3,1)	(\omega n 110)) 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\omega - \pi - \Pi_0 - \lambda \alpha_{\omega \cdot 2}))$
-(2,2,2)(3,2,1)(4,3,2)-	$((\omega^2 - \pi - \Pi_0 -)^{\alpha_\omega}) - \Pi_0) - \Pi_0) - \Pi_0)$
-(5,3,2)(6,2,0)(4,3,2)	.((\infty '' 110)) 110) 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\omega^2 - \pi - \Pi_0 -)^{\alpha_{\omega} + 1}) - \Pi_0) - \Pi_0)$
-(6,2,0)(4,3,2)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.((\omega^2-\pi-\Pi_0-)^{\Omega_{\alpha_{\omega}+1}})-\Pi_0)-\Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+1}.$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,0)	$((\omega^2 - \pi - \Pi_0 -)^{\alpha_{\omega+1}}) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\lambdalpha.(\lambdalpha_{\omega\cdot2}.$
-(2,2,2)(3,2,1)(4,3,2)-	$((\omega^2 - \pi - \Pi_0 -)^{\alpha_{\omega \cdot 2}}) - \Pi_0) - \Pi_0)$
-(5,3,2)(6,3,0)(4,3,2)	$((\omega - \kappa - \Pi_0)) = \Pi_0) = \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega \cdot 2+1}.$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,0)-	$((\omega^2 - \pi - \Pi_0 -)^{\alpha_{\omega \cdot 2+1}}) - \Pi_0) - \Pi_0)$
-(4,3,2)(5,3,1)(6,4,2)(7,4,2)(8,4,0)	((\omega n 110) j - 110) - 110)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\omega^2 - \pi - \Pi_0 -)^{(1,0)}) - \Pi_0)$
-(3,2,0)(2,2,2)(3,2,2)	- , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,1)	$\psi(\Pi_1-\omega^2-\pi-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(0,2,2)(0,2,1)	$= \psi(\Pi_1 - \lambda \alpha . ((\Pi_0 - \Pi_0)[2]) - \Pi_1)$
(0.0.0)(1.1.1)(2.2.2)(2.2.2)	$\psi(\Pi_1 - \omega^2 - \pi - \Pi_1 - \omega^2 - \pi - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$=\psi(\Pi_1-\lambda\alpha.((\Pi_0-\Pi_0)[2]$
-(3,2,1)(3,2,1)	$1 - (\Pi_0 - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,1)(4,2,1)	$\psi(\Pi_1 - \omega^2 - \pi - \Pi_2)$
	$=\psi(\Pi_1-\lambda\alpha.((\Pi_0-\Pi_0)[2]$
	/ (1 ((0 0)[]
	$2 - (\Pi_0 - \Pi_0)[2]) - \Pi_2)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2}.(\alpha_{\omega^2}+1)-\Pi_0)-\Pi_0)$
	$=\psi(\Pi_1-\lambda\alpha.((\Pi_0-\Pi_0)[2]$
-(3,2,1)(4,3,0)	$\lambda \beta . (\beta + 1) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega^2}.(\Omega_{\alpha_{.,2}+1}) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,0)(5,3,0)(6,2,1)	$\psi(\lambda \alpha.(\lambda \alpha \omega^2.(3\iota_{\alpha_{\omega^2}+1})-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega^2}.(\Omega_{\alpha_{\omega^2}+2}) - \Pi_1) - \Pi_1)$
-(3,2,1)(4,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (3,2,1)(4,3,1)(5,4,0)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2+1}.(\alpha_{\omega^2+1}+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
$\begin{array}{c c} (3,3,1)(1,3,1)(2,2,2)(3,2,2) \\ \hline -(3,2,1)(4,3,1)(5,4,1) \end{array}$	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2+1}.(\Omega_{\alpha_{\omega^2+1}+2})-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2}.(\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)	$=\psi((\omega^2+\omega)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2+\omega}.(\omega-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,1)(6,4,2)	$=\psi((\omega^2+\omega\cdot 2)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2}.(\omega^2 - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)	$=\psi((\omega^2\cdot 2)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,1)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2\cdot 2}.(\omega^2 - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,3,2)(5,3,2)(5,3,1)(6,4,2)(7,4,2)	$=\psi((\omega^2\cdot 3)-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)	$\psi(\omega^3-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\Pi_1-\omega^3-\pi-\Pi_1)$
-(3,2,2)(3,2,1)	$= \psi(\Pi_1 - \lambda \alpha.((\Pi_0 - \Pi_0 - \Pi_0)[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (3,2,2)(3,2,2)	$\psi(\omega^4 - \pi - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,0,0)	$\psi(\omega^\omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(0,2,2)(4,0,0)	$=\psi(\lambda\alpha.((\Pi_0-)^{\omega}[2])-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\Omega-\pi-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(0,2,2)(4,1,0)	$= \psi(\lambda \alpha . ((\Pi_0 -)^{\Omega}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
-(4,1,0)(2,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{\alpha}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
-(4,1,0)(2,0,0)	
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0) - \\ -(2,0,0)(1,1,1)(2,2,2) - \end{array} $	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0\cdot 2)$
-(2,0,0)(1,1,1)(2,2,2) -(3,2,2)(4,1,0)(2,0,0)	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0\cdot Z)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	1
-(4,1,0)(2,1,0)(3,2,0)	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,1,0)(2,1,0)(3,2,1)(4,3,2)$	$\psi(\omega - \pi - \Pi_0 \text{ aft } \lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)- $-(2,1,0)(3,2,1)(4,3,2)(5,3,2)(6,1,0)-$ $-(1,1,1)(2,2,2)(3,2,2)(4,1,0)(2,0,0)$	$\psi((\lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0$ aft $\lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0$)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)- $-(2,1,0)(3,2,1)(4,3,2)(5,3,2)-$ $-(6,1,0)(4,2,0)(5,3,0)$	$\psi(\Pi_2 \text{ aft } (\lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0$ aft $\lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)- $-(2,1,0)(3,2,1)(4,3,2)-$ $-(5,3,2)(6,1,0)(4,2,1)$	$\psi(\Pi_1 - (\lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0) - \\ -(2,1,0)(3,2,1)(4,3,2)(5,3,2)(6,1,0) - \\ -(4,3,2)(5,3,2)(6,1,0)(1,1,1)(2,2,2) - \\ -(3,2,2)(4,1,0)(2,0,0) \end{array} $	$\psi(\lambda \alpha.(((\lambda \alpha'.(\alpha') - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0)) - \Pi_0)$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0) - \\ -(2,1,0)(3,2,1)(4,3,2)(5,3,2)(6,1,0) - \\ -(5,1,0)(1,1,1)(2,2,2) - \\ -(3,2,2)(4,1,0)(2,0,0) \end{array} $	$\psi(\lambda\alpha.(((\lambda\alpha'.(\alpha'-\pi-\Pi_0)$ $-\Pi_0)-\pi-\Pi_0-)^{\lambda\alpha'.(\alpha'-\pi-\Pi_0)-\Pi_0})-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)- $-(2,1,0)(3,2,1)(4,3,2)-$ $-(5,3,2)(6,1,0)(5,2,0)$	$\psi(\lambda \alpha.(((\lambda \alpha'.(\alpha' - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0 - \Pi_0)) - \pi - \Pi_0 - \Pi_0) = 0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)- $-(2,1,0)(3,2,1)(4,3,2)(5,3,2)-$ $-(6,1,0)(5,2,0)(4,0,0)$	$\psi(\lambda \alpha.(((\lambda \alpha'.(\alpha' - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$ $-\pi - \Pi_0 - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)- $-(2,1,0)(3,2,1)(4,3,2)-$ $-(5,3,2)(6,1,0)(5,2,1)$	$\psi(\lambda \alpha.(((\lambda \alpha'.(\alpha' - \pi - \Pi_0) - \Pi_0)$ $-\pi - \Pi_0 -)^{\Omega_{\alpha+1}}) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)- $-(2,1,0)(3,2,1)(4,3,2)-$ $-(5,3,2)(6,1,0)(5,3,0)$	$\psi(\lambda \alpha.(((\lambda \alpha'.(\alpha' - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)- $-(2,1,0)(3,2,1)(4,3,2)(5,3,2)-$ $-(6,1,0)(5,3,0)(4,3,2)$	$\psi(\lambda \alpha.(((\lambda \alpha'.(\alpha' - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \Pi_0)$
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-\\ -(2,1,0)(3,2,1)(4,3,2)(5,3,2)(6,1,0)-\\ -(5,3,0)(4,3,2)(5,3,2)(6,1,0)(1,1,1)-\\ -(2,2,2)(3,2,2)(4,1,0)(2,0,0)$	$\psi(\lambda \alpha.(((\lambda \alpha'.(\alpha' - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0 - \Pi_0)) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,1,0)(3,2,1)(4,3,2)-	$\psi(\Pi_1 - (\lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_1)$
-(5,3,2)(6,1,0)(5,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\lambda\alpha'.(\alpha'-\pi-\Pi_0)-\Pi_0}.$
-(2,1,0)(3,2,1)(4,3,2)(5,3,2)-	
-(6,1,0)(5,3,1)(6,4,0)	$(\alpha_{\lambda\alpha'.(\alpha'-\pi-\Pi_0)-\Pi_0}+1)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,1,0)(3,2,1)(4,3,2)(5,3,2)-	$\psi((\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0+\omega)-\pi-\Pi_0)$
-(6,1,0)(5,3,1)(6,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,1,0)(3,2,1)(4,3,2)(5,3,2)(6,1,0)-	$\psi((\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0\cdot 2)-\pi-\Pi_0)$
-(5,3,1)(6,4,2)(7,4,2)(8,1,0)(1,1,1)-	$\psi((\lambda\alpha.(\alpha-\kappa-\Pi_0)-\Pi_0\cdot 2)-\kappa-\Pi_0)$
-(2,2,2)(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,1,0)(3,2,1)(4,3,2)-	$\psi((\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0\cdot\omega)-\pi-\Pi_0)$
-(5,3,2)(6,1,0)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi((\Pi_2 \text{ aft } \lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0)$
-(2,1,0)(3,2,1)(4,3,2)(5,3,2)(6,2,0)	$\psi((112 \text{ att } \lambda \alpha.(\alpha - n - 110) - 110) - n - 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(((\Pi_2 \text{ aft } \lambda \alpha.$
-(2,1,0)(3,2,1)(4,3,2)(5,3,2)(6,2,0)-	$(\alpha - \pi - \Pi_0) - \Pi_0) - \pi - \Pi_0) - \pi - \Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)	$(\alpha - n - \Pi_0) - \Pi_0) - n - \Pi_0) - n - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,1,0)(3,2,1)(4,3,2)-	$\psi(2\text{nd }\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
-(5,3,2)(6,2,0)(4,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,1,0)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\Pi_2 \text{ aft } 2\text{nd } \lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
-(6,2,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,1,0)(3,2,1)(4,3,2)(5,3,2)(6,2,0)-	$\psi(\operatorname{3rd} \lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0)$
-(4,2,0)(5,3,1)(6,4,2)-	
-(7,4,2)(8,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0)$
-(3,2,2)(4,1,0)(2,1,1)	, (1(
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\Omega - \pi - \Pi_0 \Pi_1 - \lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0)$
-(2,1,1)(3,2,2)(4,2,2)(5,1,0)	0 1(0)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi((\Pi_1 - \lambda \alpha.(\alpha - \pi - \Pi_0))$
-(2,1,1)(3,2,2)(4,2,2)(5,1,0)(1,1,1)-	$-\Pi_0$) $-\pi - \Pi_0 \Pi_1 - \lambda \alpha . (\alpha - \pi - \Pi_0) - \Pi_0$)
-(2,2,2)(3,2,2)(4,1,0)(2,1,1)	110) " 110 111 //0.(0 " 110) 110)

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,1,1)(3,2,2)(4,2,2)(5,1,0)(1,1,1)-	$\psi((\Omega - \pi - \Pi_0 \Pi_1 - \lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_0))$
-(2,2,2)(3,2,2)(4,1,0)(2,1,1)-	$-\pi - \Pi_0 \ \Pi_1 - \lambda \alpha . (\alpha - \pi - \Pi_0) - \Pi_0)$
-(3,2,2)(4,2,2)(5,1,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0$
-(2,1,1)(3,2,2)(4,2,2)(5,1,0)(2,0,0)	$\Pi_1 - \lambda \alpha . (\alpha - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0$
-(2,1,1)(3,2,2)(4,2,2)(5,1,0)(3,1,1)-	
-(4,2,2)(5,2,2)(6,1,0)(2,0,0)	$\Pi_2 - \lambda \alpha . (\alpha - \pi - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha - \pi - \Pi_0) - \Pi_0)$
-(3,2,2)(4,1,0)(2,2,0)	$\psi(\lambda\alpha.(\alpha+1)-\Pi_0-\lambda\alpha.(\alpha-\kappa-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\alpha - \pi - \Pi_0) - \Pi_0)$
-(4,1,0)(2,2,0)(3,2,0)(4,1,1)	$\varphi(\text{Met}(0.2\alpha+1))$ III Met(α M III)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0-\lambda\alpha.(\alpha-\pi-\Pi_0)-\Pi_0)$
-(6,2,2)(7,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)	$\psi(\Pi_1 - \lambda \alpha.(\alpha - \pi - \Pi_0) - \Pi_1)$
-(6,2,2)(7,1,0)(3,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,2,0)(3,2,0)(4,1,1)(5,2,2)-	$\psi(\lambda \alpha.(\lambda \alpha_1.(\alpha - \pi - \Pi_0) - \Pi_0 \cdot \omega) - \Pi_0)$
-(6,2,2)(7,1,0)(3,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\Pi_2 \text{ aft } \lambda \alpha_1.(\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,1,0)(2,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\lambda \alpha.(2\operatorname{nd}\lambda \alpha_1.(\alpha-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(5,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\lambda\alpha.(\Pi_1 - \lambda\alpha_1.(\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(5,1,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\lambda\alpha.(\lambda\alpha_1.(\alpha-\pi-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(5,1,0)(3,2,1)	$\Pi_1 - \lambda \alpha_1.(\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,3,2)(5,3,2)(6,1,0)(2,0,0)	γ(/ \ (\ \ \ (\ \ \ \ \ \ \ \ \ \ \ \ \
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\lambda \alpha.(\lambda \alpha_1.(\alpha_1+1) - \Pi_0 -$
-(2,2,1)(3,3,2)(4,3,2)(5,1,0)(3,3,0)	$\lambda \alpha_1 \cdot (\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	(1) (1) (2)
-(2,2,1)(3,3,2)(4,3,2)(5,1,0)(3,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_1.(\alpha-\pi-\Pi_0)-\Pi_0-$
-(4,3,0)(5,2,1)(6,3,2)-	$\lambda \alpha_1 . (\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(7,3,2)(8,1,0)(2,0,0)	1/2 /2 /= 2
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\lambda\alpha.(\lambda\alpha_1.(\Pi_2 \text{ aft})$
-(2,2,1)(3,3,2)(4,3,2)(5,1,0)(3,3,1)	$(\lambda \alpha_2 \cdot (\alpha - \pi - \Pi_0) - \Pi_0)) - \Pi_1) - \Pi_1)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.(\lambda\alpha_2.(\Pi_2 \text{ aft})))$
-(2,2,1)(3,3,2)(4,3,2)(5,1,0)(3,3,1)-	
-(4,4,2)(5,4,2)(6,1,0)(4,4,1)	$(\lambda \alpha_3.(\alpha - \pi - \Pi_0) - \Pi_0)) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 -$
-(3,2,2)(4,1,0)(2,2,2)	$\lambda \alpha_{\omega}.(\alpha-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha-\pi-\Pi_0)-\Pi_0\;\omega-\pi-\Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)-	
-(5,3,2)(6,1,0)(2,0,0)	$-\lambda\alpha_{\omega}.(\alpha-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\Pi_1 - \lambda \alpha.(\omega - \pi - \Pi_1 -$
-(2,2,2)(3,2,1)(4,3,2)-	
-(5,3,2)(6,1,0)(3,2,1)	$\lambda \alpha_{\omega} \cdot (\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda lpha.(\lambda lpha_\omega.(lpha_\omega+1)-\Pi_0-$
-(2,2,2)(3,2,1)(4,3,2)-	$\lambda \alpha_{\omega}.(\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_0$
-(5,3,2)(6,1,0)(4,3,0)	$\lambda \alpha_{\omega} \cdot (\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,1,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha-\pi-\Pi_0)-\Pi_0-$
-(4,3,0)(5,3,0)(6,2,1)(7,3,2)(8,3,2)-	$\lambda \alpha_{\omega}.(\alpha-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(9,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Pi_2 \text{ aft}$
-(2,2,2)(3,2,1)(4,3,2)-	
-(5,3,2)(6,1,0)(4,3,1)	$(\lambda \alpha_{\omega+1}.(\alpha - \pi - \Pi_0) - \Pi_0)) - \Pi_1) - \Pi_1)$
	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0-$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$(\lambda \alpha_{\omega \cdot 2}.(\alpha - \pi - \Pi_0) - \Pi_0)) - \Pi_0) - \Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)-	$=\psi(\lambda\alpha.((\omega\cdot 2)-\pi-\Pi_0-$
-(5,3,2)(6,1,0)(4,3,2)	$\lambda \alpha_{\omega \cdot 2} \cdot (\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\omega^2 - \pi - \Pi_0 - \Pi_0))$
$\begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,1,0)(2,2,2)(3,2,2) \end{array}$	
	$\frac{\lambda \alpha_{\omega^2}.(\alpha - \pi - \Pi_0) - \Pi_0) - \Pi_0)}{\psi(\lambda \alpha.(\omega^{\omega} - \pi - \Pi_0 - \Pi_0))}$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	
-(4,1,0)(2,2,2)(3,2,2)(4,0,0)	$\lambda \alpha_{\omega^{\omega}}.(\alpha-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\lambda\alpha.(\alpha-\pi-\Pi_0-\alpha-\pi-\Pi_0)-\Pi_0)$
-(2,2,2)(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
-(4,1,0)(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\lambda\alpha.((\alpha-\pi-\Pi_0-)^{(1,0)})-\Pi_0)$
-(3,2,0)(2,2,2)(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha - \pi - \Pi_1) - \Pi_1)$
-(4,1,0)(3,2,1)	$= \psi(\lambda \alpha.((\Pi_0 -)^{\alpha}[2] \ 1 - (\Pi_0 -)^{\alpha}[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\alpha}.(\alpha_{\alpha}+1)-\Pi_{0})-\Pi_{0})$
-(4,1,0)(3,2,1)(4,3,0)	γ (γ (γ (γ α γ (γ α γ α) 120)

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	(I) · ((· · · ·) - · · · · · · · · · · · · · ·
-(4,1,0)(3,2,1)(4,3,2)	$\psi(\lambda\alpha.((\alpha+\omega)-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	(/) · (/ · · · · 2) — H) H)
-(4,1,0)(3,2,1)(4,3,2)(5,3,2)	$\psi(\lambda\alpha.((\alpha+\omega^2)-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.((\alpha\cdot 2)-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,1,0)(2,0,0)	$\psi(\lambda\alpha.((\alpha\cdot 2)-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)-	
-(3,2,1)(4,3,2)(5,3,2)(6,1,0)(5,3,1)-	$\psi(\lambda\alpha.((\alpha\cdot3)-\pi-\Pi_0)-\Pi_0)$
-(6,4,2)(7,4,2)(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.((\alpha \cdot \omega) - \pi - \Pi_0) - \Pi_0)$
-(3,2,2)(4,1,0)(3,2,2)	$\psi(\lambda\alpha.((\alpha\cdot\omega)-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\alpha^2-\pi-\Pi_0)-\Pi_0)$
-(4,1,0)(3,2,2)(4,1,0)(3,2,2)	$\psi(\lambda\alpha.(\alpha - \kappa - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}) - \pi - \Pi_0) - \Pi_0)$
-(3,2,2)(4,1,0)(5,2,0)	$\psi(\mathcal{M}_{\alpha+1}(\mathfrak{s}\mathfrak{s}_{\alpha+1}))$ $\mathcal{M}_{\alpha+1}(\mathfrak{s}\mathfrak{s}_{\alpha+1})$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)	$\psi(\lambda\alpha.(\Omega_{\alpha+1}-\pi-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.((\lambda \alpha_1.(\alpha_1+1)-\Pi_0 \text{ aft } \alpha)-\pi-\Pi_0)-\Pi_0)$
-(4,1,1)(5,2,1)(6,3,0)	\$\text{(\text{No.}((\text{No.}(\text{1.}(\text{0.}) + 2) \text{2.0}) \text{1.20}}
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\Omega_{\alpha+1}-\pi-\Pi_0)-\pi-\Pi_0)-\Pi_0)$
-(4,1,1)(5,2,2)(6,2,2)(7,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	$\psi(\lambda\alpha.(\lambda\alpha_1.(\alpha_1-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(-,-,-)(0,-,-)(1,-,0)	$= \psi(\lambda \alpha.(\lambda \alpha_1.((\Pi_0 -)^{\alpha_1}[2]) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda \alpha.(\Pi_2 \text{ aft } \lambda \alpha_1.(\alpha_1 - \pi - \Pi_0) - \Pi_0) - \Pi_1)$
-(3,2,2)(4,2,0)(2,2,1)	$\varphi(\lambda \alpha.(\Pi_2 \text{ arr } \lambda \alpha_1.(\alpha_1 + \pi + \Pi_0) + \Pi_0) + \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(2\text{nd }\lambda \alpha_1.(\alpha_1-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,2,0)(2,2,1)(3,3,2)(4,3,2)(5,2,0)	φ (Net.(2114 Net ₁ .(et ₁
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\Pi_1 - \lambda\alpha_1.(\alpha_1 - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)(3,0,0)	φ (παι(11 ₁ πα ₁ (α ₁ π 11 ₀) 11 ₀)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_1.(\Pi_2 \text{ aft})$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)(3,3,1)	$\lambda\alpha_2.(\alpha_1-\pi-\Pi_0)-\Pi_0)-\Pi_1)-\Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda \alpha.(\lambda lpha_1.(2\mathrm{nd}$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)-	$\lambda lpha_2.(lpha_1-\pi-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)$
-(3,3,1)(4,4,2)(5,4,2)(6,2,0)	$\lambda \alpha_2 \cdot (\alpha_1 - \pi - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_1.(\lambda\alpha_2.(\Pi_2 \text{ aft}$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)(3,3,1)-	$\lambda \alpha_3.(lpha_1-\pi-\Pi_0)-\Pi_0)-\Pi_1)-\Pi_1)-\Pi_1)$
-(4,4,2)(5,4,2)(6,2,0)(4,4,1)	$\wedge \alpha_3 \cdot (\alpha_1 - n - \Pi_0) - \Pi_0) - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_1.(\omega-\pi-\Pi_0-$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)(3,3,2)	$\lambda lpha_\omega.(lpha_1-\pi-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_1.(\omega^2-\pi-\Pi_0-$
-(2,2,1)(3,3,2)(4,3,2)-	, , , , , , , , , , , , , , , , , , , ,
-(5,2,0)(3,3,2)(4,3,2)	$\lambda \alpha_{\omega^2}.(\alpha_1 - \pi - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_1.(\alpha_1-\pi-\Pi_0-$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)	$\alpha_1 - \pi - \Pi_0) - \Pi_0) - \Pi_0$
-(3,3,2)(4,3,2)(5,2,0)	$\alpha_1 - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda \alpha_1.(\alpha_1 - \pi - \Pi_1) - \Pi_1) - \Pi_1)$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)(4,3,1)	$\varphi(\mathbf{n}_1)$ $\chi(\mathbf{n}_1)$ $\chi(\mathbf{n}_1)$ $\chi(\mathbf{n}_1)$ $\chi(\mathbf{n}_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,1)(3,3,2)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_1.(\lambda \alpha_{\alpha(1)}.(\alpha_{\alpha(1)}+1)-\Pi_0)-\Pi_0)-\Pi_0)$
-(5,2,0)(4,3,1)(5,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,1)(3,3,2)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_1.((\alpha_1 + \omega) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(5,2,0)(4,3,1)(5,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_1.((\alpha_1\cdot 2)-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,3,1)(5,4,2)(6,4,2)(7,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda \alpha.(\lambda \alpha_1.((\alpha_1 \cdot \omega) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	(1) (2) (3)
-(2,2,1)(3,3,2)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_1.((\alpha_1^2) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(5,2,0)(4,3,2)(5,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	$\psi(\lambda \alpha.(\lambda \alpha_1.(\Omega_{\alpha_1+1} - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(5,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	$\psi(\lambda\alpha.(\lambda\alpha_2.(\alpha_2-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	$\psi(\lambda\alpha.(\lambda\alpha_2.(2\mathrm{nd}\ \lambda\alpha_3.$
-(2,2,1)(3,3,2)(4,3,2)(5,3,0)	$(\alpha_2 - \pi - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,3,1)(4,4,2)(5,4,2)(6,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) - (2,2,1)(3,3,2)(4,3,2)(5,3,0)	$\psi(\lambda\alpha.(\lambda\alpha_3.(\alpha_3-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(2,2,1)(3,3,2)(4,3,2)(5,3,0) - (3,3,1)(4,4,2)(5,4,2)(6,4,0)	$\psi(\wedge\alpha.(\wedge\alpha_3.(\alpha_3-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
$ \frac{-(3,3,1)(4,4,2)(3,4,2)(0,4,0)}{(0,0,0)(1,1,1)(2,2,2)(3,2,2)} $	
(0,0,0)(1,1,1)(2,2,2)(3,2,2) $-(4,2,0)(2,2,2)$	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\alpha_{\omega} - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}+1)-\Pi_0-$
-(4,2,0)(2,2,2)(3,2,1)(4,3,0)	$\lambda \alpha_{\omega}.(\alpha_{\omega}-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}-\pi-\Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)-	
-(5,3,2)(6,2,0)(2,2,2)	$-\Pi_0 - \lambda \alpha_\omega \cdot (\alpha_\omega - \pi - \Pi_0) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	sh() or () or (II oft
-(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Pi_2 \text{ aft})))$
-(5,3,2)(6,2,0)(4,3,1)	$\lambda \alpha_{\omega+1}.(\alpha_{\omega} - \pi - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\omega-\pi-\Pi_0-$
-(2,2,2)(3,2,1)(4,3,2)-	, ((
-(5,3,2)(6,2,0)(4,3,2)	$\lambda \alpha_{\omega \cdot 2} \cdot (\alpha_{\omega} - \pi - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\alpha_{\omega}-\pi-\Pi_0$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,2,0)	$-\alpha_{\omega}-\pi-\Pi_{0})-\Pi_{0})-\Pi_{0})$
-(4,3,2)(5,3,2)(6,2,0)(2,2,2)	$-\alpha_{\omega} - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\lambda lpha_\omega.(lpha_\omega$
-(2,2,2)(3,2,1)(4,3,2)-	$-\pi - \Pi_1) - \Pi_1) - \Pi_1)$
-(5,3,2)(6,2,0)(5,3,1)	$-\pi - \Pi_1) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.((\alpha_{\omega} \cdot \omega) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(5,3,2)(6,2,0)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega}.(\Omega_{\alpha_{\omega}+1}-\pi-\Pi_{0})-\Pi_{0})-\Pi_{0})$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,2,1)	φ (Net. (Net ω . (12 $\alpha_{\omega}+1$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega+1}.(\alpha_{\omega+1}-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,0)	φ ($na.(na_{\omega+1}.(a_{\omega+1} n n n)) = 10) = 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega \cdot 2}.(\alpha_{\omega \cdot 2} - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(5,3,2)(6,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,0)	$\psi(\lambda \alpha.(\lambda \alpha_{\omega \cdot 3}.(\alpha_{\omega \cdot 3} - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(4,3,2)(5,3,1)(6,4,2)-	γ (· · · · · (· · · · · · · · · · · · ·
-(7,4,2)(8,4,0)(6,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^2}.(\alpha_{\omega^2}-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,2,0)(2,2,2)(3,2,2)	, ((
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^3}.(\alpha_{\omega^3}-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,2,0)(2,2,2)(3,2,2)(3,2,2)	, (
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\lambda\alpha.(\lambda\alpha_{\omega^{\omega}}.(\alpha_{\omega^{\omega}}-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
-(4,2,0)(2,2,2)(3,2,2)(4,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda \alpha.(\alpha_{\alpha} - \pi - \Pi_0) - \Pi_0)$
-(2,2,2)(3,2,2)(4,1,0)(2,0,0)	$= \lambda \alpha . ((\Pi_0 -)^{(\Pi_0 -)^{\alpha}[2]}[2]) - \Pi_0$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha - \pi - \Pi_1 -$
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)	$\lambda \alpha_{\alpha}.(\alpha_{\alpha}-\pi-\Pi_{0})-\Pi_{0})-\Pi_{1})$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\alpha}.(\alpha-\pi-\Pi_{0})-\Pi_{0})$
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)-	
-(4,3,2)(5,3,2)(6,1,0)(2,0,0)	$\alpha - \pi - \Pi_1 - \lambda \alpha_{\alpha} \cdot (\alpha_{\alpha} - \pi - \Pi_0) - \Pi_0) - \Pi_0)$

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda \alpha.(\lambda \alpha_{\omega}.(\lambda \alpha_{\alpha}.(\alpha_{\omega} - \pi - \Pi_{0}) - \Pi_{0} \alpha - \pi -$
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)-	
-(4,3,2)(5,3,2)(6,2,0)(2,2,2)	$\Pi_1 - \lambda \alpha_{\alpha} \cdot (\alpha_{\alpha} - \pi - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\lambda\alpha_{\alpha}.(\alpha_{\alpha}-\pi-\Pi_{0})-\Pi_{0})$
-(5,3,2)(6,2,0)(2,2,2)-	$\alpha - \pi - \Pi_1 - \lambda \alpha_{\alpha}.(\alpha_{\alpha} - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
-(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\alpha}.(\alpha_{\alpha}+1)-\Pi_{0}-$
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)(4,3,2)-	
-(5,3,2)(6,2,0)(4,3,0)	$\lambda \alpha_{\alpha} \cdot (\alpha_{\alpha} - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\alpha}.(\Pi_{2} \text{ aft}$
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)-	$\lambda \alpha_{\alpha+1}.(\alpha_{\alpha}-\pi-\Pi_0)-\Pi_0)-\Pi_1)-\Pi_1)$
-(4,3,2)(5,3,2)(6,2,0)(4,3,1)	$\lambda \alpha_{\alpha+1} \cdot (\alpha_{\alpha} - \pi - \Pi_0) - \Pi_0) - \Pi_1) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\lambda\alpha_{\alpha}.(\omega-\pi-\Pi_{0}-$
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)-	$\lambda \alpha_{\alpha+\omega}.(\alpha_{\alpha}-\pi-\Pi_{0})-\Pi_{0})-\Pi_{0})-\Pi_{0})$
-(4,3,2)(5,3,2)(6,2,0)(4,3,2)	$\wedge \alpha_{\alpha+\omega} \cdot (\alpha_{\alpha} - n - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\alpha_{\alpha}-\pi-\Pi_{0}-\alpha_{\alpha}-\pi-\Pi_{0})-\Pi_{0}))$
-(5,3,2)(6,2,0)(4,3,2)(5,3,2)(6,2,0)-	γ (α
-(2,2,2)(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.((\alpha_{\alpha}+\omega)-\pi-\Pi_0)-\Pi_0)$
-(5,3,2)(6,2,0)(5,3,1)(6,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.((\alpha_{\alpha} \cdot 2) - \pi - \Pi_0) - \Pi_0)$
-(5,3,2)(6,2,0)(5,3,1)(6,4,2)(7,4,2)-	τ (α
-(8,2,0)(2,2,2)(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) -	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)(4,3,2)-	
-(5,3,2)(6,2,0)(5,3,1)(6,4,2)(7,4,2)-	$\psi(\lambda\alpha.((\alpha_{\alpha}\cdot 3)-\pi-\Pi_0)-\Pi_0)$
-(8,2,0)(7,4,1)(8,5,2)(9,5,2)(10,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)-	$\psi(\lambda\alpha.((\alpha_{\alpha}\cdot\omega)-\pi-\Pi_0)-\Pi_0)$
-(4,3,2)(5,3,2)(6,2,0)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)-	$\psi(\lambda\alpha.((\alpha_{\alpha}\cdot\omega)-\pi-\Pi_0)-\Pi_0)$
-(4,3,2)(5,3,2)(6,2,0)(5,3,2)	

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)-	$\psi(\lambda\alpha.((\Omega_{\alpha_{\alpha}+1})-\pi-\Pi_0)-\Pi_0)$
-(4,3,2)(5,3,2)(6,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)-	$\psi(\lambda\alpha.(\alpha_{\alpha+1}-\pi-\Pi_0)-\Pi_0)$
-(4,3,2)(5,3,2)(6,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)(4,3,2)-	$\psi(\lambda \alpha.(\alpha_{\alpha\cdot 2}-\pi-\Pi_0)-\Pi_0)$
-(5,3,2)(6,3,0)(4,3,2)(5,3,2)-	$\psi(\lambda a.(\alpha_{\alpha\cdot 2} + n + n_0) + n_0)$
-(6,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)(4,3,2)-	$\psi(\lambda\alpha.(\alpha_{\alpha\cdot 2+1}-\pi-\Pi_0)-\Pi_0)$
-(5,3,2)(6,3,0)(4,3,2)(5,3,2)(6,1,0)-	$\varphi (\wedge \omega \cdot (\omega \alpha \cdot 2 + 1 $
-(5,3,1)(6,4,2)(7,4,2)(8,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) -	
-(2,2,2)(3,2,2)(4,1,0)(3,2,1)(4,3,2)-	
-(5,3,2)(6,3,0)(4,3,2)(5,3,2)(6,1,0)-	$\psi(\lambda\alpha.(\alpha_{\alpha\cdot3}-\pi-\Pi_0)-\Pi_0)$
-(5,3,1)(6,4,2)(7,4,2)(8,4,0)-	
-(6,4,2)(7,4,2)(8,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) -	$\psi(\lambda \alpha.(lpha_{lpha.\omega} - \pi - \Pi_0) - \Pi_0)$
-(2,2,2)(3,2,2)(4,1,0)(3,2,2)	γ (· · · · (· · α·ω · · · · · · · · · · · · · · · ·
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) -	
-(2,2,2)(3,2,2)(4,1,0)-	$\psi(\lambda\alpha.(\alpha_{\alpha^2}-\pi-\Pi_0)-\Pi_0)$
-(3,2,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\alpha_{\Omega_{\alpha+1}}-\pi-\Pi_0)-\Pi_0)$
-(2,2,2)(3,2,2)(4,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\alpha_{\alpha(1)}-\pi-\Pi_0)-\Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(\Pi_0 -)^{\alpha_1}[2]}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda \alpha.(\alpha_{\alpha(\alpha(1))} - \pi - \Pi_0) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)-	$= \psi(\lambda \alpha.((\Pi_0 -)^{(\Pi_0 -)^{(\Pi_0 -)^{\alpha_1}[2]}[2]}[2]) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\alpha(1,0)-\pi-\Pi_0)-\Pi_0)$
-(3,2,2)(4,2,0)(3,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1,0)}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\omega - \pi - \Pi_0 -$
-(4,2,0)(3,0,0)(2,2,2)	$\lambda\alpha_{\omega}.(\alpha(1,0)-\pi-\Pi_0)-\Pi_0)-\Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\alpha_1-\pi-\Pi_0-$
-(4,2,0)(3,0,0)(2,2,2)(3,2,2)(4,2,0)	$\lambda \alpha_{\alpha(1)}.(\alpha(1,0) - \pi - \Pi_0) - \Pi_0) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\alpha(1,0)-\pi-\Pi_0-$
-(3,0,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	$\alpha(1,0)-\pi-\Pi_0)-\Pi_0)$
	* ' ' */ */

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha(1,0)-\pi-\Pi_0-)^{\alpha})-\Pi_0)$
-(4,2,0)(3,1,0)(2,0,0)	$\psi(\lambda \alpha.((\alpha(1,0)-n-11_0-)^{-1})-11_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha(1,0)-\pi-\Pi_0-)^{\alpha_1})-\Pi_0)$
-(4,2,0)(3,2,0)	$\varphi(\text{Mat.}((\alpha(1,0) \times 110))) = 110)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha(1,0)-\pi-\Pi_0-)^{(1,0)})-\Pi_0)$
-(4,2,0)(3,2,0)(2,0,0)	\$ (No. ((a(1,0) / 110))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\Pi_1 - \lambda \alpha.(\alpha(1,0) - \pi - \Pi_1) - \Pi_1)$
-(4,2,0)(3,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.((\alpha(1,0)+\omega)-\pi-\Pi_0)-\Pi_0)$
-(4,2,0)(3,2,1)(4,3,2)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1,1)}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) -	$\psi(\lambda\alpha.((\alpha(1,0)\cdot 2)-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)-	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1,(\Pi_0 -)^{(1,0)}[2])}[2]) - \Pi_0)$
-(2,2,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.((\alpha(1,0)\cdot 2)-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)(5,3,2)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1,(\Pi_0 -)^{(1,0)}[2] \cdot \omega)}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.((\Omega_{\alpha(1,0)+1})-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,2,1)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1,\Omega_{(\Pi_0 -)^{(1,0)}[2]+1})}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\alpha(1,1)-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1,((\Pi_0 -)^{(1,0)}[2] \lambda \beta.(\beta+1) - \Pi_0))}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\alpha(1,\alpha(1,\omega))-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)-	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1,(\Pi_0 -)^{(1,(\Pi_0 -)^{(1,1)}[2])}[2])}[2]) - \Pi_0)$
-(4,3,2)(5,3,2)(6,3,0)(4,3,2)	$=\psi(\lambda\alpha.((\Pi_0-)^{(1)(10)})$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\alpha(2,0)-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(5,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(2,0)}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\lambda\alpha.(\alpha(3,0)-\pi-\Pi_0)-\Pi_0)$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(5,3,1)-	$= \psi(\lambda \alpha.((\Pi_0 -)^{(3,0)}[2]) - \Pi_0)$
-(6,4,2)(7,4,2)(8,4,0)(7,0,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\lambda\alpha.(\alpha(\omega,0)-\pi-\Pi_0)-\Pi_0)$
-(3,2,2)(4,2,0)(3,2,2)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(\omega,0)}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\alpha(\alpha,0)-\pi-\Pi_0)-\Pi_0)$
-(4,2,0)(3,2,2)(4,1,0)(2,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(\alpha,0)}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\alpha(1,0,0)-\pi-\Pi_0)-\Pi_0)$
-(4,2,0)(3,2,2)(4,2,0)(3,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1,0,0)}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\alpha(1@\omega) - \pi - \Pi_0) - \Pi_0)$
-(4,2,0)(4,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1@\omega)}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda\alpha.(\alpha(1@(1,0)) - \pi - \Pi_0) - \Pi_0)$
-(4,2,0)(4,2,0)(3,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1@(1,0))}[2]) - \Pi_0)$
	1 2 2 2 2

BMS	方括号稳定
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\lambda \alpha.(\alpha(1@(1@(1,0))) - \pi - \Pi_0) - \Pi_0)$
-(4,2,0)(5,2,0)(3,0,0)	$= \psi(\lambda \alpha.((\Pi_0 -)^{(1@(1@(1,0)))}[2]) - \Pi_0)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,0)(5,3,0)$	$\psi(\Pi_2 \text{ aft } \lambda \alpha.(\Pi_3[2]) - \Pi_1)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)	$\psi(\Pi_1 - \lambda \alpha.(\Pi_3[2]) - \Pi_1)$

A.16 0-Y 序列 vs MOCF/反射 OCF/稳定 OCF

本节的结果主要引自 $^{[41-61]}$,所使用的反射/稳定 OCF 为油手就行定义的 Madore-like 版本。

0-Y 序列	MOCF/反射 OCF/稳定 OCF
Ø	0
1	1
1,1	2
1,2	ω
1,2,1	$\omega + 1$
1,2,1,2	$\omega \cdot 2$
1,2,2	ω^2
1,2,2,2	ω^3
1,2,3	ω^ω
1,2,3,2	$\omega^{\omega+1}$
1,2,3,2,2	$\omega^{\omega+2}$
1,2,3,2,3	$\omega^{\omega\cdot 2}$
1,2,3,3	ω^{ω^2}
1,2,3,3,3	ω^{ω^3}
1,2,3,4	$\omega^{\omega^{\omega}}$
1,2,3,4,5	$\omega^{\omega^{\omega^{\omega}}}$
1,3	$arepsilon_0$
1,3,2	$arepsilon_0 \cdot \omega$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,2,3	$arepsilon_0\cdot\omega^\omega$
1,3,2,3,3	$arepsilon_0 \cdot \omega^{\omega^2}$
1,3,2,3,4	$arepsilon_0 \cdot \omega^{\omega^\omega}$
1,3,2,4	$arepsilon_0^2$
1,3,2,4,2,3,4	$arepsilon_0^2 \cdot \omega^{\omega^{\omega}}$
1,3,2,4,2,4	$arepsilon_0^3$
1,3,2,4,3	$arepsilon_0^\omega$
1,3,2,4,3,4	$arepsilon_0^{\omega^\omega}$
1,3,2,4,3,4,5	$arepsilon_0^{\omega^{\omega^{\omega}}}$
1,3,2,4,3,5	$arepsilon_0^{arepsilon_0}$
1,3,3	$arepsilon_1$
1,3,3,2,4	$arepsilon_1 \cdot arepsilon_0$
1,3,3,2,4,3	$arepsilon_1 \cdot arepsilon_0^\omega$
1,3,3,2,4,3,4,5	$arepsilon_1 \cdot arepsilon_0^{arepsilon_0}$
1,3,3,2,4,4	$arepsilon_1^2$
1,3,3,2,4,4,3	$arepsilon_1^\omega$
1,3,3,2,4,4,3,5	$arepsilon_1^{arepsilon_0}$
1,3,3,2,4,4,3,5,5	$arepsilon_1^{arepsilon_1}$
1,3,3,3	$arepsilon_2$
1,3,4	$arepsilon_{\omega}$
1,3,4,2,4	$arepsilon_{\omega}\cdotarepsilon_{0}$
1,3,4,2,4,4	$arepsilon_{\omega}\cdotarepsilon_{1}$
1,3,4,2,4,5	$arepsilon_{\omega}^2$
1,3,4,3	$arepsilon_{\omega+1}$
1,3,4,3,3	$arepsilon_{\omega+2}$
1,3,4,3,4	$arepsilon_{\omega \cdot 2}$

MOCF/反射 OCF/稳定 OCF
$arepsilon_{\omega^2}$
$arepsilon_{\omega}$
$arepsilon_{arepsilon_0}$
$arepsilon_{arepsilon_0.\omega}$
$arepsilon_{arepsilon_0}^\omega$
$arepsilon_{arepsilon_1}$
$arepsilon_{arepsilon_{\omega}}$
$arepsilon_{arepsilon_{arepsilon_0}}$
ζ_0
$arepsilon_{\zeta_0+1}$
$arepsilon_{\zeta_0+arepsilon_0}$
$arepsilon_{\zeta_0+arepsilon_{arepsilon_0}}$
$arepsilon_{\zeta_0\cdot 2}$
$arepsilon_{\zeta_0^2}$
$arepsilon_{arepsilon_{\zeta_0+1}}$
$arepsilon_{arepsilon_{arepsilon_{\zeta_0+1}}}$
ζ_1
$arepsilon_{\zeta_1+1}$
$arepsilon_{arepsilon_{\zeta_1+1}}$
ζ_2
ζ_ω
$\zeta_{\omega \cdot 2}$
ζ_{ω^2}
ζ_{ω^ω}
$\zeta_{arepsilon_0}$
$\zeta_{arepsilon_1}$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,5,4,6,7	$\zeta_{arepsilon_{\omega}}$
1,3,5,4,6,8	ζ_{ζ_0}
1,3,5,4,6,8,7,9,11	$\zeta_{\zeta_{\zeta_0}}$
1,3,5,5	η_0
1,3,5,5,3,5,5	η_1
1,3,5,5,4,5	η_{ω^ω}
1,3,5,5,4,6	$\eta_{arepsilon_0}$
1,3,5,5,4,6,8	η_{ζ_0}
1,3,5,5,4,6,8,8	η_{η_0}
1,3,5,5,5	arphi(4,0)
1,3,5,6	$arphi(\omega,0)$
1,3,5,6,3	$\varphi(1, \varphi(\omega, 0) + 1)$
1,3,5,6,3,5	$arphi(2,arphi(\omega,0)+1)$
1,3,5,6,3,5,5	$arphi(3,arphi(\omega,0)+1)$
1,3,5,6,3,5,6	$arphi(\omega,1)$
1,3,5,6,3,5,6,3	$arphi(1,arphi(\omega,1)+1)$
1,3,5,6,3,5,6,3,5,6	$arphi(\omega,2)$
1,3,5,6,4	$arphi(\omega,\omega)$
1,3,5,6,4,3,5,6,4	$arphi(\omega,\omega\cdot 2)$
1,3,5,6,4,4	$arphi(\omega,\omega^2)$
1,3,5,6,4,5	$arphi(\omega,\omega^\omega)$
1,3,5,6,4,6	$arphi(\omega,arphi(1,0))$
1,3,5,6,4,6,8	$arphi(\omega,arphi(2,0))$
1,3,5,6,4,6,8,8	$arphi(\omega,arphi(3,0))$
1,3,5,6,4,6,8,9	$arphi(\omega,arphi(\omega,0))$
1,3,5,6,5	$\varphi(\omega+1,0)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,5,6,5,4,6,8,9,8	$\varphi(\omega+1,\varphi(\omega+1,0))$
1,3,5,6,5,5	$arphi(\omega+2,0)$
1,3,5,6,5,6	$arphi(\omega\cdot 2,0)$
1,3,5,6,5,6,5,6	$arphi(\omega\cdot 3,0)$
1,3,5,6,6	$arphi(\omega^2,0)$
1,3,5,6,7	$arphi(\omega^\omega,0)$
1,3,5,6,8	arphi(arphi(1,0),0)
1,3,5,6,8,10	arphi(arphi(2,0),0)
1,3,5,6,8,10,10	arphi(arphi(3,0),0)
1,3,5,6,8,10,11	$arphi(arphi(\omega,0),0)$
1,3,5,6,8,10,11,13	$\varphi(\varphi(\varphi(1,0),0),0)$
1,3,5,6,8,10,11,13,15	$\varphi(\varphi(\varphi(2,0),0),0)$
1,3,5,7	$\varphi(1,0,0)$
1,3,5,7,3	$\varphi(1,\varphi(1,0,0)+1)$
1,3,5,7,3,5	$\varphi(2,\varphi(1,0,0)+1)$
1,3,5,7,3,5,6	$\varphi(\omega, \varphi(1, 0, 0) + 1)$
1,3,5,7,3,5,6,8	$\varphi(\varphi(1,0),\varphi(1,0,0)+1)$
1,3,5,7,3,5, 6,8,10,12	$\varphi(\varphi(1,0,0),1)$
1,3,5,7,3,5,6,8,10,12,3, 5,6,8,10,12	$\varphi(\varphi(1,0,0),2)$
1,3,5,7,3,5, 6,8,10,12,4	$\varphi(\varphi(1,0,0),\omega)$
1,3,5,7,3,5,6, 8,10,12,4,6	$\varphi(\varphi(1,0,0),\varphi(1,0))$
1,3,5,7,3,5,6,8, 10,12,4,6,8,10	$\varphi(\varphi(1,0,0),\varphi(1,0,0))$
1,3,5,7,3,5,6, 8,10,12,5	$\varphi(\varphi(1,0,0)+1,0)$
1,3,5,7,3,5,6, 8,10,12,5,6	$\varphi(\varphi(1,0,0)+\omega,0)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,5,7,3,5,6,8, 10,12,5,6,8	$\varphi(\varphi(1,0,0)+\varphi(1,0),0)$
1,3,5,7,3,5,6,8,	
10,12,5,6,8,10,12	$arphi(arphi(1,0,0)\cdot 2,0)$
1,3,5,7,3,5,6,8,	
10,12,6	$\varphi(\varphi(1,0,0)\cdot\omega,0)$
1,3,5,7,3,5,6,8,	· (· (1 0 0) · · ω 0)
10,12,6,7	$\varphi(\varphi(1,0,0)\cdot\omega^{\omega},0)$
1,3,5,7,3,5,6,8,	$arphi(arphi(1,0,0)\cdotarphi(1,0),0)$
10,12,6,8	φ(φ(1,0,0) φ(1,0),0)
1,3,5,7,3,5,6,8,	$\varphi(\varphi(1,0,0)^2,0)$
10,12,6,8,10,12	
1,3,5,7,3,5,6,8,	$arphi(arphi(arphi(1,0,0)^\omega,0)$
10,12,7	
1,3,5,7,3,5,6,8, 10,12,7,8	$arphi(arphi(arphi(1,0,0)^{\omega^{\omega}},0)$
1,3,5,7,3,5,6,8,	
10,12,8	$\varphi(\varphi(1,\varphi(1,0,0)+1),0)$
1,3,5,7,3,5,6,8,	(((1,0,0),1),0)
10,12,8,10,11	$\varphi(\varphi(\omega,\varphi(1,0,0)+1),0)$
1,3,5,7,3,5,7	$\varphi(1,0,1)$
1,3,5,7,3,5,7,3,5,7	$\varphi(1,0,2)$
1,3,5,7,4	$arphi(1,0,\omega)$
1,3,5,7,4,6	arphi(1,0,arphi(1,0))
1,3,5,7,4,6,8,10	arphi(1,0,arphi(1,0,0))
1,3,5,7,5	arphi(1,1,0)
1,3,5,7,5,4,6,8,10,8	arphi(1,1,arphi(1,1,0))
1,3,5,7,5,5	$\varphi(1,2,0)$
1,3,5,7,5,6	$arphi(1,\omega,0)$
1,3,5,7,5,6,8	$\varphi(1,\varphi(1,0),0)$
1,3,5,7,5,6,8,10,12	$\varphi(1, \varphi(1, 0, 0), 0)$
1,3,5,7,5,7	$\varphi(2,0,0)$
1,3,5,7,5,7,5,6,	arphi(2,arphi(2,0,0),0)
8,10,12,10,12	r (=, r (=, ~, ~), ~)

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,5,7,5,7,5,7	$\varphi(3,0,0)$
1,3,5,7,6	$arphi(\omega,0,0)$
1,3,5,7,6,8	arphi(arphi(1,0),0,0)
1,3,5,7,6,8,10,12	arphi(arphi(1,0,0),0,0)
1,3,5,7,7	arphi(1,0,0,0)
1,3,5,7,7,3,5,7,7	arphi(1,0,0,1)
1,3,5,7,7,5	arphi(1,0,1,0)
1,3,5,7,7,5,7	arphi(1,1,0,0)
1,3,5,7,7,5,7,7	arphi(2,0,0,0)
1,3,5,7,7,6	$arphi(\omega,0,0,0)$
1,3,5,7,7,6,8,10,12,12	$\varphi(\varphi(1,0,0,0),0,0,0)$
1,3,5,7,7,7	arphi(1,0,0,0,0)
1,3,5,7,7,7,7	arphi(1,0,0,0,0,0)
1,3,5,7,8	$\psi(\Omega^{\Omega^\omega})$
1,3,5,7,8,3	$\psi(\Omega^{\Omega^{\omega}}+1)$
1,3,5,7,8,3,5,7,8	$\psi(\Omega^{\Omega^\omega}\cdot 2)$
1,3,5,7,8,5	$\psi(\Omega^{\Omega^\omega+1})$
1,3,5,7,8,5,7	$\psi(\Omega^{\Omega^\omega+\Omega})$
1,3,5,7,8,5,7,8	$\psi(\Omega^{\Omega^\omega \cdot 2})$
1,3,5,7,8,7	$\psi(\Omega^{\Omega^{\omega+1}})$
1,3,5,7,8,7,8	$\psi(\Omega^{\Omega^{\omega \cdot 2}})$
1,3,5,7,8,8	$\psi(\Omega^{\Omega^{\omega^2}})$
1,3,5,7,8,10	$\psi(\Omega^{\Omega^{\psi(0)}})$
1,3,5,7,8,10,12	$\psi(\Omega^{\Omega^{\psi(\Omega)}})$
1,3,5,7,8,10,12,14	$\psi(\Omega^{\Omega^{\psi(\Omega^\Omega)}})$
1,3,5,7,8,10,12,14,15	$\psi(\Omega^{\Omega^{\psi(\Omega^{\Omega^\omega})}})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,5,7,9	$\psi(\Omega^{\Omega^\Omega})$
1,3,5,7,9,3	$\psi(\Omega^{\Omega^{\Omega}}+1)$
1,3,5,7,9,5	$\psi(\Omega^{\Omega^\Omega+1})$
1,3,5,7,9,7	$\psi(\Omega^{\Omega^{\Omega+1}})$
1,3,5,7,9,7,9	$\psi(\Omega^{\Omega^{\Omega \cdot 2}})$
1,3,5,7,9,11	$\psi(\Omega^{\Omega^{\Omega^{\Omega}}})$
1,3,6	$\psi(\psi_1(0))$ BHO
1,3,6,3	$\psi(\psi_1(0)+1)$
1,3,6,3,4,6	$\psi(\psi_1(0) + \psi(0))$
1,3,6,3,4,6,8	$\psi(\psi_1(0) + \psi(\Omega))$
1,3,6,3,4,6,9	$\psi(\psi_1(0) + \psi(\psi_1(0)))$
1,3,6,3,5	$\psi(\psi_1(0)+\Omega)$
1,3,6,3,5,7	$\psi(\psi_1(0) + \Omega^{\Omega})$
1,3,6,3,6	$\psi(\psi_1(0)\cdot 2)$
1,3,6,3,6,3,6	$\psi(\psi_1(0)\cdot 3)$
1,3,6,4	$\psi(\psi_1(0)\cdot\omega)$
1,3,6,4,6	$\psi(\psi_1(0)\cdot\psi(0))$
1,3,6,4,6,8	$\psi(\psi_1(0)\cdot\psi(\Omega))$
1,3,6,4,6,8,10	$\psi(\psi_1(0)\cdot\psi(\Omega^\Omega))$
1,3,6,4,6,9	$\psi(\psi_1(0)\cdot\psi(\psi_1(0)))$
1,3,6,5	$\psi(\psi_1(0)\cdot\Omega)$
1,3,6,5,6	$\psi(\psi_1(0)\cdot\Omega^\omega)$
1,3,6,5,6,8	$\psi(\psi_1(0)\cdot\Omega^{\psi(0)})$
1,3,6,5,7	$\psi(\psi_1(0)\cdot\Omega^\Omega)$
1,3,6,5,8	$\psi(\psi_1(0)^2)$
1,3,6,5,8,7	$\psi(\psi_1(0)^\Omega)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,6,5,8,7,10	$\psi(\psi_1(0)^{\psi_1(0)})$
1,3,6,6	$\psi(\psi_1(1))$
1,3,6,6,6	$\psi(\psi_1(2))$
1,3,6,7	$\psi(\psi_1(\omega))$
1,3,6,7,9	$\psi(\psi_1(\psi(0)))$
1,3,6,7,9,12	$\psi(\psi_1(\psi(\psi_1(0))))$
1,3,6,8	$\psi(\psi_1(\Omega))$
1,3,6,8,6	$\psi(\psi_1(\Omega+1))$
1,3,6,8,6,7,9,12,14,12	$\psi(\psi_1(\Omega + \psi(\psi_1(\Omega))))$
1,3,6,8,6,8	$\psi(\psi_1(\Omega\cdot 2))$
1,3,6,8,7	$\psi(\psi_1(\Omega\cdot\omega))$
1,3,6,8,7,9	$\psi(\psi_1(\Omega\cdot\psi(0)))$
1,3,6,8,7,9,12	$\psi(\psi_1(\Omega\cdot\psi(\psi_1(0))))$
1,3,6,8,7,9,12,14	$\psi(\psi_1(\Omega\cdot\psi(\psi_1(\Omega))))$
1,3,6,8,8	$\psi(\psi_1(\Omega^2))$
1,3,6,8,8,7,9,12,14,14	$\psi(\psi_1(\Omega^2\cdot\psi(\psi_1(\Omega^2))))$
1,3,6,8,8,8	$\psi(\psi_1(\Omega^3))$
1,3,6,8,9	$\psi(\psi_1(\Omega^\omega))$
1,3,6,8,9,11	$\psi(\psi_1(\Omega^{\psi(0)}))$
1,3,6,8,9,11,14	$\psi(\psi_1(\Omega^{\psi(\psi_1(0))}))$
1,3,6,8,9,11,14,16	$\psi(\psi_1(\Omega^{\psi(\psi_1(\Omega))}))$
1,3,6,8,10	$\psi(\psi_1(\Omega^\Omega))$
1,3,6,8,10,8	$\psi(\psi_1(\Omega^{\Omega+1}))$
1,3,6,8,10,8,9, 11,14,16,18	$\psi(\psi_1(\Omega^{\Omega+\psi(\psi_1(\Omega^\Omega))}))$
1,3,6,8,10,8,10	$\psi(\psi_1(\Omega^{\Omega\cdot 2}))$
1,3,6,8,10,8,10,8,10	$\psi(\psi_1(\Omega^{\Omega\cdot 3}))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,6,8,10,9	$\psi(\psi_1(\Omega^{\Omega\cdot\omega}))$
1,3,6,8,10,9,11	$\psi(\psi_1(\Omega^{\Omega\cdot\psi(0)}))$
1,3,6,8,10,9,11,14	$\psi(\psi_1(\Omega^{\Omega\cdot\psi(\psi_1(0))}))$
1,3,6,8,10,9,11,14,16,18	$\psi(\psi_1(\Omega^{\Omega\cdot\psi(\psi_1(\Omega^\Omega))}))$
1,3,6,8,10,10	$\psi(\psi_1(\Omega^{\Omega^2}))$
1,3,6,8,10,10,9, 11,14,16,18,18	$\psi(\psi_1(\Omega^{\Omega^2\cdot\psi(\psi_1(\Omega^{\Omega^2}))}))$
1,3,6,8,10,10,10	$\psi(\psi_1(\Omega^{\Omega^3}))$
1,3,6,8,10,11	$\psi(\psi_1(\Omega^{\Omega^\omega}))$
1,3,6,8,10,11,13,16	$\psi(\psi_1(\Omega^{\Omega^{\psi(\psi_1(0))}}))$
1,3,6,8,10,11, 13,16,18,20,21	$\psi(\psi_1(\Omega^{\Omega^{\psi(\psi_1(\Omega^{\Omega^{\omega}}))}}))$
1,3,6,8,10,12	$\psi(\psi_1(\Omega^{\Omega^\Omega}))$
1,3,6,8,10,12,14	$\psi(\psi_1(\Omega^{\Omega^{\Omega^{\Omega}}}))$
1,3,6,8,11	$\psi(\psi_1(\psi_1(0)))$
1,3,6,8,11,6	$\psi(\psi_1(\psi_1(0)+1))$
1,3,6,8,11,6,8,11	$\psi(\psi_1(\psi_1(0)\cdot 2))$
1,3,6,8,11,7	$\psi(\psi_1(\psi_1(0)\cdot\omega))$
1,3,6,8,11,8	$\psi(\psi_1(\psi_1(0)\cdot\Omega))$
1,3,6,8,11,8,11	$\psi(\psi_1(\psi_1(0)^2))$
1,3,6,8,11,9	$\psi(\psi_1(\psi_1(0)^\omega))$
1,3,6,8,11,10	$\psi(\psi_1(\psi_1(0)^\Omega))$
1,3,6,8,11,11	$\psi(\psi_1(\psi_1(1)))$
1,3,6,8,11,12	$\psi(\psi_1(\psi_1(\omega)))$
1,3,6,8,11,13	$\psi(\psi_1(\psi_1(\Omega)))$
1,3,6,8,11,13,15	$\psi(\psi_1(\psi_1(\Omega^\Omega)))$
1,3,6,8,11,13,15,17	$\psi(\psi_1(\psi_1(\Omega^{\Omega^\Omega})))$
1,3,6,8,11,13,16	$\psi(\psi_1(\psi_1(\psi_1(0))))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,6,9	$\psi(\Omega_2)$
1,3,6,9,3	$\psi(\Omega_2+1)$
1,3,6,9,3,4,6	$\psi(\Omega_2 + \psi(0))$
1,3,6,9,3,4,6,9	$\psi(\Omega_2 + \psi(\psi_1(0)))$
1,3,6,9,3,4,6,9,12	$\psi(\Omega_2 + \psi(\Omega_2))$
1,3,6,9,3,5	$\psi(\Omega_2+\Omega)$
1,3,6,9,3,5, 3,4,6,9,12,6,8	$\psi(\Omega_2 + \Omega + \psi(\Omega_2 + \Omega))$
1,3,6,9,3,5,3,5	$\psi(\Omega_2 + \Omega \cdot 2)$
1,3,6,9,3,5,5	$\psi(\Omega_2 + \Omega^2)$
1,3,6,9,3,5,7	$\psi(\Omega_2 + \Omega^\Omega)$
1,3,6,9,3,6	$\psi(\Omega_2 + \psi_1(0))$
1,3,6,9,3,6,8	$\psi(\Omega_2 + \psi_1(\Omega))$
1,3,6,9,3,6,8,11	$\psi(\Omega_2 + \psi_1(\psi_1(0)))$
1,3,6,9,3,6,9	$\psi(\Omega_2 + \psi_1(\Omega_2))$
1,3,6,9,3,6,9,3,6,9	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot 2)$
1,3,6,9,4	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \omega)$
1,3,6,9,4,6,9	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi(\psi_1(0)))$
1,3,6,9,4,6,9,12	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi(\Omega_2))$
1,3,6,9,4,6,9,12,7	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi(\Omega_2 + \psi_1(\Omega_2)))$
1,3,6,9,5	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \Omega)$
1,3,6,9,5,6,8	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \Omega^{\psi(0)})$
1,3,6,9,5,7	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \Omega^{\Omega})$
1,3,6,9,5,8	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi_1(0))$
1,3,6,9,5,8,9	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi_1(\omega))$
1,3,6,9,5,8,10	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi_1(\Omega))$
1,3,6,9,5,8,10,13	$\psi(\Omega_2 + \psi_1(\Omega_2) \cdot \psi_1(\psi_1(0)))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,3,6,9,5,8,11	$\psi(\Omega_2 + \psi_1(\Omega_2)^2)$
1,3,6,9,5,8,11,5,8,11	$\psi(\Omega_2 + \psi_1(\Omega_2)^3)$
1,3,6,9,5,8,11,6	$\psi(\Omega_2 + \psi_1(\Omega_2)^{\omega})$
1,3,6,9,5,8,11, 6,8,11,14,8,11,14	$\psi(\Omega_2 + \psi_1(\Omega_2)^{\psi(\Omega_2 + \psi_1(\Omega_2))})$
1,3,6,9,5,8,11,7	$\psi(\Omega_2 + \psi_1(\Omega_2)^{\Omega})$
1,3,6,9,5,8,11,7,10,13	$\psi(\Omega_2 + \psi_1(\Omega_2)^{\psi_1(\Omega_2)})$
1,3,6,9,6	$\psi(\Omega_2+\psi_1(\Omega_2+1))$
1,3,6,9,6,6	$\psi(\Omega_2+\psi_1(\Omega_2+2))$
1,3,6,9,6,7,9	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi(0)))$
1,3,6,9,6,7,9,12	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi(\psi_1(0))))$
1,3,6,9,6,7,9,12,15,12	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi(\Omega_2 + \psi_1(\Omega_2 + 1))))$
1,3,6,9,6,8	$\psi(\Omega_2 + \psi_1(\Omega_2 + \Omega))$
1,3,6,9,6,8,11	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(0)))$
1,3,6,9,6,8,11,14	$\psi(\Omega_2 + \psi_1(\Omega_2 + \psi_1(\Omega_2)))$
1,3,6,9,6,9	$\psi(\Omega_2\cdot 2)$
1,3,6,9,6,9,6,9	$\psi(\Omega_2\cdot 3)$
1,3,6,9,7	$\psi(\Omega_2\cdot\omega)$
1,3,6,9,7,9	$\psi(\Omega_2\cdot\psi(0))$
1,3,6,9,7,9,12	$\psi(\Omega_2 \cdot \psi(\psi_1(0)))$
1,3,6,9,7,9,12,15	$\psi(\Omega_2\cdot\psi(\Omega_2))$
1,3,6,9,8	$\psi(\Omega_2\cdot\Omega)$
1,3,6,9,8,9,11,14,17	$\psi(\Omega_2\cdot\Omega^{\psi(\Omega_2)})$
1,3,6,9,8,10	$\psi(\Omega_2 \cdot \Omega^\Omega)$
1,3,6,9,8,10,13	$\psi(\Omega_2\cdot\psi_1(0))$
1,3,6,9,8,10,13,16	$\psi(\Omega_2\cdot\psi_1(\Omega_2))$
1,3,6,9,9	$\psi(\Omega_2^2)$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,3,6,9,10	$\psi(\Omega_2^\omega)$
1,3,6,9,10,12,15,18	$\psi(\Omega_2^{\psi(\Omega_2)})$
1,3,6,9,11	$\psi(\Omega_2^\Omega)$
1,3,6,9,11,14	$\psi(\Omega_2^{\psi_1(0)})$
1,3,6,9,11,14,17	$\psi(\Omega_2^{\psi_1(\Omega_2)})$
1,3,6,9,12	$\psi(\Omega_2^{\Omega_2})$
1,3,6,9,12,15	$\psi(\Omega_2^{\Omega_2^{\Omega_2}})$
1,3,6,10	$\psi(\psi_2(0))$
1,3,6,10,13,17	$\psi(\psi_2(\psi_2(0)))$
1,3,6,10,14	$\psi(\Omega_3)$
1,3,6,10,14,18	$\psi(\Omega_3^{\Omega_3})$
1,3,6,10,15	$\psi(\psi_3(0))$
1,3,6,10,15,20	$\psi(\Omega_4)$
1,3,6,10,15,21	$\psi(\psi_4(0))$
1,4	$\psi(\Omega_\omega)$
1,4,3	$\psi(\Omega_\omega+1)$
1,4,3,4	$\psi(\Omega_\omega+\omega)$
1,4,3,4,6	$\psi(\Omega_{\omega} + \psi(0))$
1,4,3,4,6,9,12	$\psi(\Omega_{\omega} + \psi(\Omega_2))$
1,4,3,4,7	$\psi(\Omega_\omega + \psi(\Omega_\omega))$
1,4,3,4,7,6,7,10	$\psi(\Omega_{\omega} + \psi(\Omega_{\omega} + \psi(\Omega_{\omega})))$
1,4,3,5	$\psi(\Omega_{\omega} + \Omega)$
1,4,3,5,3,5	$\psi(\Omega_{\omega} + \Omega \cdot 2)$
1,4,3,5,4	$\psi(\Omega_\omega + \Omega \cdot \omega)$
1,4,3,5,5	$\psi(\Omega_\omega+\Omega^2)$
1,4,3,5,6	$\psi(\Omega_{\omega}+\Omega^{\omega})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,3,5,7	$\psi(\Omega_{\omega}+\Omega^{\Omega})$
1,4,3,6	$\psi(\Omega_{\omega} + \psi_1(0))$
1,4,3,6,9	$\psi(\Omega_{\omega} + \psi_1(\Omega_2))$
1,4,3,6,9,12	$\psi(\Omega_\omega + \psi_1(\Omega_2^{\Omega_2}))$
1,4,3,6,10	$\psi(\Omega_{\omega} + \psi_1(\psi_2(0)))$
1,4,3,6,10,14	$\psi(\Omega_\omega + \psi_1(\Omega_3))$
1,4,3,6,10,15	$\psi(\Omega_{\omega} + \psi_1(\psi_3(0)))$
1,4,3,7	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega}))$
1,4,3,7,4	$\psi(\Omega_\omega + \psi_1(\Omega_\omega) \cdot \omega)$
1,4,3,7,5	$\psi(\Omega_\omega + \psi_1(\Omega_\omega) \cdot \Omega)$
1,4,3,7,5,6,8,11	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega}) \cdot \psi_1(0))$
1,4,3,7,5,6,8,11,15	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega}) \cdot \psi_1(\psi_2(0)))$
1,4,3,7,5,6,9	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega})^2)$
1,4,3,7,5,7	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega})^{\psi_1(\Omega_{\omega})})$
1,4,3,7,6	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega} + 1))$
1,4,3,7,6,7,9	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega} + \psi(0)))$
1,4,3,7,6,7,10	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega} + \psi(\Omega_{\omega})))$
1,4,3,7,6,8	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega} + \Omega))$
1,4,3,7,6,8,11	$\psi(\Omega_{\omega} + \psi_1(\Omega_{\omega} + \psi_1(0)))$
1,4,3,7,6,8,12	$\psi(\Omega_\omega + \psi_1(\Omega_\omega + \psi_1(\Omega_\omega)))$
1,4,3,7,6,9	$\psi(\Omega_{\omega}+\Omega_{2})$
1,4,3,7,6,9,12	$\psi(\Omega_\omega+\Omega_2^{\Omega_2})$
1,4,3,7,6,10	$\psi(\Omega_\omega + \psi_2(0))$
1,4,3,7,6,10,12	$\psi(\Omega_\omega + \psi_2(\Omega))$
1,4,3,7,6,11	$\psi(\Omega_\omega + \psi_2(\Omega_\omega))$
1,4,3,7,6,11,10	$\psi(\Omega_{\omega} + \psi_2(\Omega_{\omega} + 1))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,3,7,6,11,10,14	$\psi(\Omega_{\omega} + \psi_2(\Omega_{\omega} + \psi_2(0)))$
1,4,3,7,6,11,10,15	$\psi(\Omega_{\omega}+\Omega_{3})$
1,4,3,7,6,11,10,16	$\psi(\Omega_{\omega} + \psi_3(0))$
1,4,4	$\psi(\Omega_\omega\cdot 2)$
1,4,4,4	$\psi(\Omega_\omega\cdot 3)$
1,4,5	$\psi(\Omega_\omega\cdot\omega)$
1,4,5,4	$\psi(\Omega_\omega\cdot\omega+\Omega_\omega)$
1,4,5,5	$\psi(\Omega_\omega\cdot\omega^2)$
1,4,5,7	$\psi(\Omega_\omega\cdot\psi(0))$
1,4,5,8	$\psi(\Omega_\omega\cdot\psi(\Omega_\omega))$
1,4,5,8,9,12	$\psi(\Omega_\omega\cdot\psi(\Omega_\omega\cdot\psi(\Omega_\omega)))$
1,4,6	$\psi(\Omega_\omega\cdot\Omega)$
1,4,6,3	$\psi(\Omega_\omega\cdot\Omega+1)$
1,4,6,3,4,7	$\psi(\Omega_{\omega} \cdot \Omega + \psi(\Omega_{\omega}))$
1,4,6,3,5	$\psi(\Omega_{\omega}\cdot\Omega+\Omega)$
1,4,6,3,6	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(0))$
1,4,6,3,6,10	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_2))$
1,4,6,3,7	$\psi(\Omega_\omega \cdot \Omega + \psi_1(\Omega_\omega))$
1,4,6,3,7,9	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot\Omega))$
1,4,6,3,7,9,5	$\psi(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega} \cdot \Omega)^{\psi_1(\Omega_{\omega} \cdot \Omega)})$
1,4,6,3,7,9,6	$\psi(\Omega_\omega \cdot \Omega + \psi_1(\Omega_\omega \cdot \Omega + 1))$
1,4,6,3,7,9,6,7	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot\Omega+\omega))$
1,4,6,3,7,9,6,8	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot\Omega+\Omega))$
1,4,6,3,7,9,6,8,11	$\psi(\Omega_{\omega}\cdot\Omega+\psi_1(\Omega_{\omega}\cdot\Omega+\psi_1(0)))$
1,4,6,3,7,9,6,8,12	$\psi(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega} \cdot \Omega + \psi_1(\Omega_{\omega} \cdot \Omega)))$
1,4,6,3,7,9,6,9	$\psi(\Omega_\omega\cdot\Omega+\Omega_2)$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,6,3,7,9,6,9,3	$\psi(\Omega_\omega \cdot \Omega + \Omega_2 + 1)$
1,4,6,3,7,9,6,9,3,7	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2+\psi_1(\Omega_{\omega}))$
1,4,6,3,7, 9,6,9,3,7,9	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega))$
1,4,6,3,7,9, 6,9,3,7,9,6,9	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_2))$
1,4,6,3,7,9,6,9,6	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_2+1))$
1,4,6,3,7,9,6,9,6,8	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_2+\Omega))$
1,4,6,3,7,9,6,9,6,	$\psi(\Omega_\omega\cdot\Omega+\Omega_2+$
8,12,14,11,14,11,13	$\psi_1(\Omega_\omega\cdot\Omega+\Omega_2+\psi_1(\Omega_\omega\cdot\Omega+\Omega_2+1)))$
1,4,6,3,7,9,6,9,6,9	$\psi(\Omega_\omega\cdot\Omega+\Omega_2\cdot2)$
1,4,6,3,7,9,6,9,7	$\psi(\Omega_\omega\cdot\Omega+\Omega_2\cdot\omega)$
1,4,6,3,7,9,6,9,7,9	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2\cdot\psi(0))$
1,4,6,3,7,9,6,9,7,10	$\psi(\Omega_\omega \cdot \Omega + \Omega_2 \cdot \psi(\Omega_\omega))$
1,4,6,3,7,9,6,9,8	$\psi(\Omega_\omega\cdot\Omega+\Omega_2\cdot\Omega)$
1,4,6,3,7,9, 6,9,8,10,13	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2\cdot\psi_1(0))$
1,4,6,3,7,9,6,9,8,10,13, 15,12,16,18,15,18,17	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_2\cdot\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_2\cdot\Omega))$
1,4,6,3,7,9,6,9,9	$\psi(\Omega_\omega\cdot\Omega+\Omega_2^2)$
1,4,6,3,7,9,6,9,10	$\psi(\Omega_\omega \cdot \Omega + \Omega_2^\omega)$
1,4,6,3,7,9,6,9,12	$\psi(\Omega_\omega\cdot\Omega+\Omega_2^{\Omega_2})$
1,4,6,3,7,9,6,10	$\psi(\Omega_{\omega}\cdot\Omega+\psi_2(0))$
1,4,6,3,7,9,6,11	$\psi(\Omega_\omega \cdot \Omega + \psi_2(\Omega_\omega))$
1,4,6,3,7,9,6,11,13	$\psi(\Omega_{\omega}\cdot\Omega+\psi_2(\Omega_{\omega}\cdot\Omega))$
1,4,6,3,7,9, 6,11,13,10,14	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_3)$
1,4,6,3,7,9, 6,11,13,10,15	$\psi(\Omega_{\omega}\cdot\Omega+\psi_3(0))$
1,4,6,3,7,9, 6,11,13,10,16	$\psi(\Omega_{\omega} \cdot \Omega + \psi_3(\Omega_{\omega}))$
1,4,6,3,7,9,7	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,3,7,9, 7,3,7,9,7	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}))$
1,4,6,3,7,9,7,6	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + 1))$
1,4,6,3,7,9,7,6,8,12	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_1(\Omega_{\omega} \cdot \Omega + \Omega_{\omega})))$
1,4,6,3,7,9,7,6,9	$\psi(\Omega_\omega\cdot\Omega+\Omega_\omega+\Omega_2)$
1,4,6,3,7,9,6,9,12	$\psi(\Omega_\omega \cdot \Omega + \Omega_\omega + \Omega_2^{\Omega_2})$
1,4,6,3,7,9,7,6,10	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_2(0))$
1,4,6,3,7,9,7,6,11	$\psi(\Omega_\omega \cdot \Omega + \Omega_\omega + \psi_2(\Omega_\omega))$
1,4,6,3,7,9, 7,6,11,13,11	$\psi(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}+\psi_2(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}))$
1,4,6,3,7,9,7, 6,11,13,11,10,14	$\psi(\Omega_\omega \cdot \Omega + \Omega_\omega + \Omega_3)$
1,4,6,3,7,9,7, 6,11,13,11,10,15	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} + \psi_3(0))$
1,4,6,3,7,9,7,7	$\psi(\Omega_\omega \cdot \Omega + \Omega_\omega \cdot 2)$
1,4,6,3,7,9,7,8	$\psi(\Omega_\omega\cdot\Omega+\Omega_\omega\cdot\omega)$
1,4,6,3,7,9,7, 8,11,13,10,14,16,14	$\psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega} \cdot \psi(\Omega_{\omega} \cdot \Omega + \Omega_{\omega}))$
1,4,6,3,7,9,7,9	$\psi(\Omega_\omega\cdot\Omega\cdot2)$
1,4,6,3,7,9,7,9,7,9	$\psi(\Omega_\omega\cdot\Omega\cdot3)$
1,4,6,3,7,9,8	$\psi(\Omega_\omega\cdot\Omega\cdot\omega)$
1,4,6,3,7,9,8, 11,13,10,14,16	$\psi(\Omega_\omega \cdot \Omega \cdot \psi(\Omega_\omega \cdot \Omega))$
1,4,6,3,7,9,9	$\psi(\Omega_\omega\cdot\Omega^2)$
1,4,6,3,7,9,10	$\psi(\Omega_\omega\cdot\Omega^\omega)$
1,4,6,3,7,9,12	$\psi(\Omega_\omega\cdot\psi_1(0))$
1,4,6,3,7,9,12,12	$\psi(\Omega_\omega\cdot\psi_1(1))$
1,4,6,3,7,9,12,14	$\psi(\Omega_\omega\cdot\psi_1(\Omega))$
1,4,6,3,7,9,12,14,17	$\psi(\Omega_{\omega}\cdot\psi_1(\psi_1(0)))$
1,4,6,3,7,9,12,14,17,19	$\psi(\Omega_\omega \cdot \psi_1(\psi_1(\Omega)))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,3,7,9,12,15	$\psi(\Omega_\omega\cdot\psi_1(\Omega_2))$
1,4,6,3,7,9,12,16	$\psi(\Omega_\omega\cdot\psi_1(\psi_2(0)))$
1,4,6,3,7,9,12,16,20	$\psi(\Omega_\omega\cdot\psi_1(\Omega_3))$
1,4,6,3,7,9,13	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega))$
1,4,6,3,7,9,13,15	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\Omega))$
1,4,6,3,7,9,13,15,13	$\psi(\Omega_{\omega}\cdot\psi_1(\Omega_{\omega}\cdot\Omega+\Omega_{\omega}))$
1,4,6,3,7,9,13,15,13,15	$\psi(\Omega_\omega \cdot \psi_1(\Omega_\omega \cdot \Omega \cdot 2))$
1,4,6,3,7,9,13,15,15	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\Omega^2))$
1,4,6,3,7,9,13,15,17	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\Omega^\Omega))$
1,4,6,3,7,9,13,15,18	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\psi_1(0)))$
1,4,6,3,7,9,13,15,19	$\psi(\Omega_\omega\cdot\psi_1(\Omega_\omega\cdot\psi_1(\Omega_\omega)))$
1,4,6,3,7,10	$\psi(\Omega_\omega\cdot\Omega_2)$
1,4,6,3,7,10,3,7,10	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega_2))$
1,4,6,3,7,10,6	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega_2+1))$
1,4,6,3,7,10,6,8	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega_2+\Omega))$
1,4,6,3,7,10,6,8,11	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_1(\Omega_{\omega}\cdot\Omega_2+\psi_1(0)))$
1,4,6,3,7,10,6,9	$\psi(\Omega_{\omega}\cdot\Omega_2+\Omega_2)$
1,4,6,3,7,10,6,10	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_2(0))$
1,4,6,3,7,10,6,11	$\psi(\Omega_\omega \cdot \Omega_2 + \psi_2(\Omega_\omega))$
1,4,6,3,7,10,6,11,14	$\psi(\Omega_{\omega}\cdot\Omega_2+\psi_2(\Omega_{\omega}\cdot\Omega_2))$
1,4,6,3,7,10,	$\psi(\Omega_\omega\cdot\Omega_2+\Omega_3)$
6,11,14,10,14 1,4,6,3,7,10,	//(O O L // (O))
6,11,14,10,15	$\psi(\Omega_{\omega} \cdot \Omega_2 + \psi_3(0))$
1,4,6,3,7,10, 6,11,14,10,15,20	$\psi(\Omega_{\omega}\cdot\Omega_2+\Omega_4)$
1,4,6,3,7,10,6,11,14,11	$\psi(\Omega_\omega\cdot\Omega_2+\Omega_\omega)$
1,4,6,3,7,10, 6,11,14,11,13	$\psi(\Omega_\omega\cdot\Omega_2+\Omega_\omega\cdot\Omega)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,3,7,10,	$\psi(\Omega_{\omega}\cdot\Omega_2+\Omega_{\omega}\cdot\psi_1(0))$
6,11,14,11,13,16	7 (3 2 / 3 / 1 () /
1,4,6,3,7,10,6, 11,14,11,13,16,19	$\psi(\Omega_\omega\cdot\Omega_2+\Omega_\omega\cdot\psi_1(\Omega_2))$
1,4,6,3,7,10,6,	((0, 0, 10, 1/0, 1/0, 1/0, 1/0, 1/0, 1/0,
11,14,11,13,17	$\psi(\Omega_{\omega} \cdot \Omega_2 + \Omega_{\omega} \cdot \psi_1(\Omega_{\omega}))$
1,4,6,3,7,10,6,11,14,11,	$\psi(\Omega_{\omega}\cdot\Omega_2+\Omega_{\omega}\cdot\psi_1(\Omega_{\omega}\cdot\Omega_2+\Omega_{\omega}))$
13,17,20,16,21,24,21 1,4,6,3,7,10,	
6,11,14,11,14	$\psi(\Omega_\omega\cdot\Omega_2\cdot2)$
1,4,6,3,7,10,6,11,14,12	$\psi(\Omega_{\omega}\cdot\Omega_2\cdot\omega)$
1,4,6,3,7,10,6,11,14,13	$\psi(\Omega_\omega\cdot\Omega_2\cdot\Omega)$
1,4,6,3,7,10,6,11,14,14	$\psi(\Omega_\omega\cdot\Omega_2^2)$
1,4,6,3,7,10,6,11,14,15	$\psi(\Omega_\omega\cdot\Omega_2^\omega)$
1,4,6,3,7,10,6,11,14,16	$\psi(\Omega_\omega\cdot\Omega_2^\Omega)$
1,4,6,3,7,10,6,11,14,17	$\psi(\Omega_\omega\cdot\Omega_2^{\Omega_2})$
1,4,6,3,7,10,6,11,14,18	$\psi(\Omega_\omega\cdot\psi_2(0))$
1,4,6,3,7,10,6,11,14,19	$\psi(\Omega_\omega\cdot\psi_2(\Omega_\omega))$
1,4,6,3,7,10,6,11,15	$\psi(\Omega_\omega\cdot\Omega_3)$
1,4,6,3,7,10, 6,11,15,10,16,21	$\psi(\Omega_\omega\cdot\Omega_4)$
1,4,6,4	$\psi(\Omega_\omega^2)$
1,4,6,4,3	$\psi(\Omega_{\omega}^2+1)$
1,4,6,4,3,5	$\psi(\Omega_{\omega}^2 + \Omega)$
1,4,6,4,3,6	$\psi(\Omega_{\omega}^2 + \psi_1(0))$
1,4,6,4,3,7	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega}))$
1,4,6,4,3,7,10,7	$\psi(\Omega_{\omega}^2 + \psi_1(\Omega_{\omega}^2))$
1,4,6,4,3,7,10,7,6,9	$\psi(\Omega_{\omega}^2 + \Omega_2)$
1,4,6,4,3,7, 10,7,6,9,13	$\psi(\Omega_{\omega}^2 + \psi_2(0))$
1,4,6,4,3,7,10,7,6,10	$\psi(\Omega_{\omega}^2 + \psi_2(\Omega_{\omega}))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,4,3,7,10,7,6,11	$\psi(\Omega_{\omega}^2 + \Omega_3)$
1,4,6,4,4	$\psi(\Omega_{\omega}^2 + \Omega_{\omega})$
1,4,6,4,5	$\psi(\Omega_{\omega}^2 + \Omega_{\omega} \cdot \omega)$
1,4,6,4,6	$\psi(\Omega_{\omega}^2 + \Omega_{\omega} \cdot \Omega)$
1,4,6,4,6,4	$\psi(\Omega_\omega^2\cdot 2)$
1,4,6,5	$\psi(\Omega^2_\omega\cdot\omega)$
1,4,6,6	$\psi(\Omega^2_\omega\cdot\Omega)$
1,4,6,6,4	$\psi(\Omega^3_\omega)$
1,4,6,6,6	$\psi(\Omega^3_\omega\cdot\Omega)$
1,4,6,6,6,4	$\psi(\Omega_\omega^4)$
1,4,6,7	$\psi(\Omega^\omega_\omega)$
1,4,6,7,4	$\psi(\Omega_\omega^{\omega+1})$
1,4,6,7,10	$\psi(\Omega_\omega^{\psi(\Omega_\omega)})$
1,4,6,8	$\psi(\Omega^\Omega_\omega)$
1,4,6,8,4	$\psi(\Omega^{\Omega_\omega}_\omega)$
1,4,6,8,8	$\psi(\Omega^{\Omega_\omega\cdot\Omega}_\omega)$
1,4,6,8,8,4	$\psi(\Omega^{\Omega^2_\omega}_\omega)$
1,4,6,8,9	$\psi(\Omega^{\Omega^\omega_\omega}_\omega)$
1,4,6,8,10	$\psi(\Omega^{\Omega^\Omega_\omega}_\omega)$
1,4,6,8,10,4	$\psi(\Omega^{\Omega^{\Omega_{\omega}}_{\omega}}_{\omega})$
1,4,6,9	$\psi(\psi_\omega(0))$
1,4,6,9,3	$\psi(\psi_{\omega}(0)+1)$
1,4,6,9,4	$\psi(\psi_{\omega}(0) + \Omega_{\omega})$
1,4,6,9,4,6	$\psi(\psi_{\omega}(0) + \Omega_{\omega} \cdot \Omega)$
1,4,6,9,4,6,4	$\psi(\psi_{\omega}(0)+\Omega_{\omega}^2)$
1,4,6,9,4,6,8	$\psi(\psi_\omega(0)+\Omega^\Omega_\omega)$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,9,4,6,8,4	$\psi(\psi_{\omega}(0) + \Omega_{\omega}^{\Omega_{\omega}})$
1,4,6,9,4,6,9	$\psi(\psi_\omega(0)\cdot 2)$
1,4,6,9,4,6,9,4,6,9	$\psi(\psi_{\omega}(0)\cdot 3)$
1,4,6,9,5	$\psi(\psi_\omega(0)\cdot\omega)$
1,4,6,9,5,8	$\psi(\psi_\omega(0)\cdot\psi(\Omega_\omega))$
1,4,6,9,5,8,10,13	$\psi(\psi_{\omega}(0)\cdot\psi(\psi_{\omega}(0)))$
1,4,6,9,6	$\psi(\psi_\omega(0)\cdot\Omega)$
1,4,6,9,6,4	$\psi(\psi_{\omega}(0)\cdot\Omega_{\omega})$
1,4,6,9,6,8,4	$\psi(\psi_\omega(0)\cdot\Omega^{\Omega_\omega}_\omega)$
1,4,6,9,6,9	$\psi(\psi_\omega(0)^2)$
1,4,6,9,7	$\psi(\psi_\omega(0)^\omega)$
1,4,6,9,8	$\psi(\psi_\omega(0)^\Omega)$
1,4,6,9,8,4	$\psi(\psi_\omega(0)^{\Omega_\omega})$
1,4,6,9,8,11	$\psi(\psi_{\omega}(0)^{\psi_{\omega}(0)})$
1,4,6,9,8,11,10,13	$\psi(\psi_{\omega}(0)^{\psi_{\omega}(0)^{\psi_{\omega}(0)}})$
1,4,6,9,9	$\psi(\psi_{\omega}(1))$
1,4,6,9,9,9	$\psi(\psi_{\omega}(2))$
1,4,6,9,10	$\psi(\psi_{\omega}(\omega))$
1,4,6,9,10,13	$\psi(\psi_{\omega}(\psi(\Omega_{\omega})))$
1,4,6,9,10,13,15,18	$\psi(\psi_{\omega}(\psi(\psi_{\omega}(0))))$
1,4,6,9,11	$\psi(\psi_{\omega}(\Omega))$
1,4,6,9,11,4	$\psi(\psi_\omega(\Omega_\omega))$
1,4,6,9,11,4,4	$\psi(\psi_{\omega}(\Omega_{\omega}) + \Omega_{\omega})$
1,4,6,9,11,4,6,9	$\psi(\psi_{\omega}(\Omega_{\omega}) + \psi_{\omega}(0))$
1,4,6,9,11,4,6,9,11,4	$\psi(\psi_{\omega}(\Omega_{\omega})\cdot 2)$
1,4,6,9,11,5	$\psi(\psi_{\omega}(\Omega_{\omega})\cdot\omega)$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,6,9,11,6	$\psi(\psi_{\omega}(\Omega_{\omega})\cdot\Omega)$
1,4,6,9,11,6,4	$\psi(\psi_{\omega}(\Omega_{\omega})\cdot\Omega_{\omega})$
1,4,6,9,11,6,8,4	$\psi(\psi_{\omega}(\Omega_{\omega})\cdot\Omega_{\omega}^{\Omega_{\omega}})$
1,4,6,9,11,6,9	$\psi(\psi_{\omega}(\Omega_{\omega})\cdot\psi_{\omega}(0))$
1,4,6,9,11,6,9,11	$\psi(\psi_{\omega}(\Omega_{\omega})\cdot\psi_{\omega}(\Omega))$
1,4,6,9,11,6,9,11,4	$\psi(\psi_\omega(\Omega_\omega)^2)$
1,4,6,9,11,7	$\psi(\psi_{\omega}(\Omega_{\omega})^{\omega})$
1,4,6,9,11,8,4	$\psi(\psi_\omega(\Omega_\omega)^{\Omega_\omega})$
1,4,6,9,11,9	$\psi(\psi_{\omega}(\Omega_{\omega})^{\psi_{\omega}(0)})$
1,4,6,9,11,9,11	$\psi(\psi_{\omega}(\Omega_{\omega})^{\psi_{\omega}(\Omega)})$
1,4,6,9,11,10	$\psi(\psi_\omega(\Omega_\omega+1))$
1,4,6,9,11,10,12	$\psi(\psi_{\omega}(\Omega_{\omega} + \psi(0)))$
1,4,6,9,11,10,13,15,18,20	$\psi(\psi_{\omega}(\Omega_{\omega} + \psi(\psi_{\omega}(\Omega))))$
1,4,6,9,11,11	$\psi(\psi_{\omega}(\Omega_{\omega}+\Omega))$
1,4,6,9,11,11,4	$\psi(\psi_\omega(\Omega_\omega\cdot 2))$
1,4,6,9,11,11,11	$\psi(\psi_{\omega}(\Omega_{\omega}\cdot 2+\Omega))$
1,4,6,9,11,12	$\psi(\psi_{\omega}(\Omega_{\omega}\cdot\omega))$
1,4,6,9,11,12,14	$\psi(\psi_{\omega}(\Omega_{\omega}\cdot\psi(0)))$
1,4,6,9,11,12, 15,17,20,22,23	$\psi(\psi_{\omega}(\Omega_{\omega}\cdot\psi(\psi_{\omega}(\Omega_{\omega}\cdot\omega))))$
1,4,6,9,11,13	$\psi(\psi_\omega(\Omega_\omega\cdot\Omega))$
1,4,6,9,11,13,4	$\psi(\psi_\omega(\Omega_\omega^2))$
1,4,6,9,11,13,5	$\psi(\psi_\omega(\Omega_\omega^\omega))$
1,4,6,9,11,13,6	$\psi(\psi_\omega(\Omega^\Omega_\omega))$
1,4,6,9,11,14	$\psi(\psi_{\omega}(\psi_{\omega}(0)))$
1,4,6,9,12	$\psi(\Omega_{\omega+1})$
1,4,6,9,12,4	$\psi(\Omega_{\omega+1}+\Omega_{\omega})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,9,12,4,6,9	$\psi(\Omega_{\omega+1} + \psi_{\omega}(0))$
1,4,6,9,12,4,6,9,12	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}))$
1,4,6,9,12,5	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}) \cdot \omega)$
1,4,6,9,12,6	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}) \cdot \Omega)$
1,4,6,9,12,6,4	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}) \cdot \Omega_{\omega})$
1,4,6,9,12,6,9	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1}) \cdot \psi_{\omega}(0))$
1,4,6,9,12,6,9,12	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})^2)$
1,4,6,9,12,7	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega})^{\omega})$
1,4,6,9,12,8	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})^{\Omega})$
1,4,6,9,12,8,4	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})^{\Omega_{\omega}})$
1,4,6,9,12,8,11	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})^{\psi_{\omega}(0)})$
1,4,6,9,12,8,11,14	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})^{\psi_{\omega}(\Omega_{\omega+1})})$
1,4,6,9,12,9	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + 1))$
1,4,6,9,12,9,10	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \omega))$
1,4,6,9,12,9,11	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \Omega))$
1,4,6,9,12,9,11,4	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \Omega_{\omega}))$
1,4,6,9,12,9,11,14	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \psi_{\omega}(0)))$
1,4,6,9,12,9,11,14,17	$\psi(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1} + \psi_{\omega}(\Omega_{\omega+1})))$
1,4,6,9,12,9,12	$\psi(\Omega_{\omega+1}\cdot 2)$
1,4,6,9,12,10	$\psi(\Omega_{\omega+1}\cdot\omega)$
1,4,6,9,12,11	$\psi(\Omega_{\omega+1}\cdot\Omega)$
1,4,6,9,12,11,4	$\psi(\Omega_{\omega+1}\cdot\Omega_{\omega})$
1,4,6,9,12,11,14	$\psi(\Omega_{\omega+1}\cdot\psi_{\omega}(0))$
1,4,6,9,12,11,14,17	$\psi(\Omega_{\omega+1}\cdot\psi_{\omega}(\Omega_{\omega+1}))$
1,4,6,9,12,12	$\psi(\Omega^2_{\omega+1})$
1,4,6,9,12,13	$\psi(\Omega^\omega_{\omega+1})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,9,12,14	$\psi(\Omega^\Omega_{\omega+1})$
1,4,6,9,12,14,4	$\psi(\Omega^{\Omega_{\omega}}_{\omega+1})$
1,4,6,9,12,14,17	$\psi(\Omega^{\psi_\omega(0)}_{\omega+1})$
1,4,6,9,12,14,17,20	$\psi(\Omega_{\omega+1}^{\psi_{\omega}(\Omega_{\omega+1})})$
1,4,6,9,12,15	$\psi(\Omega^{\Omega_{\omega+1}}_{\omega+1})$
1,4,6,9,12,15,18	$\psi(\Omega_{\omega+1}^{\Omega_{\omega+1}^{\Omega_{\omega+1}}})$
1,4,6,9,13	$\psi(\psi_{\omega+1}(0))$
1,4,6,9,13,4,6,9,13	$\psi(\psi_{\omega+1}(0) + \psi_{\omega}(\psi_{\omega+1}(0)))$
1,4,6,9,13,6	$\psi(\psi_{\omega+1}(0) + \psi_{\omega}(\psi_{\omega+1}(0) + 1))$
1,4,6,9,13,9	$\psi(\psi_{\omega+1}(0) + \Omega_{\omega+1})$
1,4,6,9,13,9,12,15	$\psi(\psi_{\omega+1}(0) + \Omega_{\omega+1}^{\Omega_{\omega+1}})$
1,4,6,9,13,9,13	$\psi(\psi_{\omega+1}(0)\cdot 2)$
1,4,6,9,13,10	$\psi(\psi_{\omega+1}(0)\cdot\omega)$
1,4,6,9,13,11	$\psi(\psi_{\omega+1}(0)\cdot\Omega)$
1,4,6,9,13,12	$\psi(\psi_{\omega+1}(0)^{\omega})$
1,4,6,9,13,13	$\psi(\psi_{\omega+1}(1))$
1,4,6,9,13,14	$\psi(\psi_{\omega+1}(\omega))$
1,4,6,9,13,15	$\psi(\psi_{\omega+1}(\Omega))$
1,4,6,9,13,15,4	$\psi(\psi_{\omega+1}(\Omega_{\omega}))$
1,4,6,9,13,15,18	$\psi(\psi_{\omega+1}(\psi_{\omega}(0)))$
1,4,6,9,13,15,18,21	$\psi(\psi_{\omega+1}(\psi_{\omega}(\Omega_{\omega+1})))$
1,4,6,9,13,15,18,22	$\psi(\psi_{\omega+1}(\psi_{\omega}(\psi_{\omega+1}(0))))$
1,4,6,9,13,16	$\psi(\psi_{\omega+1}(\Omega_{\omega+1}))$
1,4,6,9,13,16,19	$\psi(\psi_{\omega+1}(\psi_{\omega+1}(0)))$
1,4,6,9,13,16,19,22	$\psi(\psi_{\omega+1}(\psi_{\omega+1}(\Omega_{\omega+1})))$
1,4,6,9,13,16,19,22,25	$\psi(\psi_{\omega+1}(\psi_{\omega+1}(\psi_{\omega+1}(0))))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,9,13,17	$\psi(\Omega_{\omega+2})$
1,4,6,9,13,18	$\psi(\psi_{\omega+2}(0))$
1,4,6,9,13,18,23	$\psi(\Omega_{\omega+3})$
1,4,6,9,13,18,24	$\psi(\psi_{\omega+3}(0))$
1,4,6,10	$\psi(\Omega_{\omega \cdot 2})$
1,4,6,10,4	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega})$
1,4,6,10,4,6,9	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(0))$
1,4,6,10,4,6,10	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2}))$
1,4,6,10,5	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2}) \cdot \omega)$
1,4,6,10,6	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2}) \cdot \Omega)$
1,4,6,10,6,4	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2}) \cdot \Omega_{\omega})$
1,4,6,10,6,9	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2}) \cdot \psi_{\omega}(0))$
1,4,6,10,6,10	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2})^2)$
1,4,6,10,7	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2})^{\omega})$
1,4,6,10,8	$\psi(\Omega_{\omega\cdot 2} + \psi_{\omega}(\Omega_{\omega\cdot 2})^{\Omega})$
1,4,6,10,8,11	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2})^{\psi_{\omega}(0)})$
1,4,6,10,8,12	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2})^{\psi_{\omega}(\Omega_{\omega \cdot 2})})$
1,4,6,10,9	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + 1))$
1,4,6,10,9,10	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + \omega))$
1,4,6,10,9,11	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + \Omega))$
1,4,6,10,9,11,14,13	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + \psi_{\omega}(\Omega_{\omega \cdot 2} + 1)))$
1,4,6,10,9,12	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega + 1})$
1,4,6,10,9,12,9,12	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega + 1} \cdot 2)$
1,4,6,10,9,12,11	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega + 1} \cdot \Omega)$
1,4,6,10,9,12,11,4	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega + 1} \cdot \Omega_{\omega})$
1,4,6,10,9,12,12	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega + 1}^2)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,10,9,12,13	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega + 1}^{\omega})$
1,4,6,10,9,12,15	$\psi(\Omega_{\omega \cdot 2} + \Omega_{\omega + 1}^{\Omega_{\omega + 1}})$
1,4,6,10,9,13	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega + 1}(0))$
1,4,6,10,9,14	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega + 1}(\Omega_{\omega \cdot 2}))$
1,4,6,10,9,14,13,17	$\psi(\Omega_{\omega\cdot 2} + \Omega_{\omega+2})$
1,4,6,10,9,14,13,18	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega + 2}(0))$
1,4,6,10,9,14,13,19	$\psi(\Omega_{\omega \cdot 2} + \psi_{\omega + 2}(\Omega_{\omega \cdot 2}))$
1,4,6,10,10	$\psi(\Omega_{\omega \cdot 2} \cdot 2)$
1,4,6,10,12	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega)$
1,4,6,10,12,4	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega})$
1,4,6,10,12,4,6,10,12	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega}))$
1,4,6,10,12,6,10,12	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega})^2)$
1,4,6,10,12,9	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + 1))$
1,4,6,10,12,9,11,15,17	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + 1)))$
1,4,6,10,12,9,12	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \Omega_{\omega + 1})$
1,4,6,10,12,9,13	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega+1}(0))$
1,4,6,10,12,9,14	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega + 1}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega}))$
1,4,6,10,12,9,14,13,17	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \Omega_{\omega + 2})$
1,4,6,10,12,9,14,13,19	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \psi_{\omega + 2}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega}))$
1,4,6,10,12,10	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \Omega_{\omega \cdot 2})$
1,4,6,10,12,10,12	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} + \Omega_{\omega \cdot 2} \cdot \Omega)$
1,4,6,10,12,10,12,4	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} \cdot 2)$
1,4,6,10,12,11	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} \cdot \omega)$
1,4,6,10,12,12	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega} \cdot \Omega)$
1,4,6,10,12,12,4	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega}^2)$
1,4,6,10,12,14,4	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega}^{\Omega_{\omega}})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,6,10,12,15	$\psi(\Omega_{\omega\cdot 2}\cdot\psi_{\omega}(0))$
1,4,6,10,12,16	$\psi(\Omega_{\omega \cdot 2} \cdot \psi_{\omega}(\Omega_{\omega \cdot 2}))$
1,4,6,10,12,16,18,22	$\psi(\Omega_{\omega \cdot 2} \cdot \psi_{\omega}(\Omega_{\omega \cdot 2} \cdot \psi_{\omega}(\Omega_{\omega \cdot 2})))$
1,4,6,10,13	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1})$
1,4,6,10,13,9,12	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} + \Omega_{\omega + 1})$
1,4,6,10,13,9,13	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} + \psi_{\omega + 1}(0))$
1,4,6,10,13,9,14,17	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} + \psi_{\omega + 1}(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1}))$
1,4,6,10,13,9,14,17,13,17	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} + \Omega_{\omega + 2})$
1,4,6,10,13,9,14,17,14	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} + \Omega_{\omega \cdot 2})$
1,4,6,10,13,9,14,17,14,17	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} \cdot 2)$
1,4,6,10,13,9,14,17,15	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} \cdot \omega)$
1,4,6,10,13,9,14,17,16,4	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1} \cdot \Omega_{\omega})$
1,4,6,10,13,9,14,17,17	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1}^2)$
1,4,6,10,13,9,14,17,19	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 1}^{\Omega})$
1,4,6,10,13,9,14,17,21	$\psi(\Omega_{\omega \cdot 2} \cdot \psi_{\omega + 1}(0))$
1,4,6,10,13,9,14,17,22	$\psi(\Omega_{\omega \cdot 2} \cdot \psi_{\omega + 1}(\Omega_{\omega \cdot 2}))$
1,4,6,10,13,9,14,18	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 2})$
1,4,6,10,13,9, 14,18,13,19,24	$\psi(\Omega_{\omega \cdot 2} \cdot \Omega_{\omega + 3})$
1,4,6,10,13,10	$\psi(\Omega^2_{\omega \cdot 2})$
1,4,6,10,13,11,10,13,11	$\psi(\Omega^{\omega\cdot 2}_{\omega\cdot 2})$
1,4,6,10,13,12	$\psi(\Omega^\Omega_{\omega \cdot 2})$
1,4,6,10,13,12,4	$\psi(\Omega^{\Omega_\omega}_{\omega \cdot 2})$
1,4,6,10,13,13,10	$\psi(\Omega^{\Omega_{\omega}\cdot 2}_{\omega\cdot 2})$
1,4,6,10,13,17	$\psi(\psi_{\omega\cdot 2}(0))$
1,4,6,10,13,17,17	$\psi(\psi_{\omega\cdot 2}(1))$
1,4,6,10,13,17,19	$\psi(\psi_{\omega\cdot 2}(\Omega))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,6,10,13,17,19,4	$\psi(\psi_{\omega\cdot 2}(\Omega_\omega))$
1,4,6,10,13,17,20,10	$\psi(\psi_{\omega \cdot 2}(\Omega_{\omega \cdot 2}))$
1,4,6,10,13,17,20,23	$\psi(\psi_{\omega\cdot 2}(\psi_{\omega\cdot 2}(0)))$
1,4,6,10,13,17,21	$\psi(\Omega_{\omega \cdot 2+1})$
1,4,6,10,13,17,22	$\psi(\psi_{\omega\cdot 2+1}(0))$
1,4,6,10,13,18	$\psi(\Omega_{\omega\cdot 3})$
1,4,6,10,13,18,18	$\psi(\Omega_{\omega\cdot 3}\cdot 2)$
1,4,6,10,13,18,20	$\psi(\Omega_{\omega\cdot 3}\cdot\Omega)$
1,4,6,10,13,18,20,4	$\psi(\Omega_{\omega\cdot 3}\cdot\Omega_{\omega})$
1,4,6,10,13,18,21,10	$\psi(\Omega_{\omega\cdot 3}\cdot\Omega_{\omega\cdot 2})$
1,4,6,10,13,18,22,18	$\psi(\Omega^2_{\omega\cdot 3})$
1,4,6,10,13,18,22,27	$\psi(\psi_{\omega\cdot 3}(0))$
1,4,6,10,13,18,22,28	$\psi(\Omega_{\omega\cdot 4})$
1,4,7	$\psi(\Omega_{\omega^2})$
1,4,7,4	$\psi(\Omega_{\omega^2}+\Omega_{\omega})$
1,4,7,4,6,9	$\psi(\Omega_{\omega^2}+\psi_{\omega}(0))$
1,4,7,4,6,10	$\psi(\Omega_{\omega^2} + \psi_{\omega}(\Omega_{\omega \cdot 2}))$
1,4,7,4,6,10,14	$\psi(\Omega_{\omega^2} + \psi_\omega(\Omega_{\omega^2}))$
1,4,7,4,6,10,14,9,12	$\psi(\Omega_{\omega^2} + \Omega_{\omega+1})$
1,4,7,4,6,10,14,10	$\psi(\Omega_{\omega^2} + \Omega_{\omega \cdot 2})$
1,4,7,4,6,10, 14,10,9,14,19,14	$\psi(\Omega_{\omega^2} + \Omega_{\omega \cdot 3})$
1,4,7,4,7	$\psi(\Omega_{\omega^2}\cdot 2)$
1,4,7,5	$\psi(\Omega_{\omega^2}\cdot\omega)$
1,4,7,6	$\psi(\Omega_{\omega^2}\cdot\Omega)$
1,4,7,6,4	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega})$
1,4,7,6,4,6,9	$\psi(\Omega_{\omega^2}\cdot\psi_\omega(0))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,6,4,6,10	$\psi(\Omega_{\omega^2}\cdot\psi_{\omega}(\Omega_{\omega\cdot 2}))$
1,4,7,6,4,6,10,14	$\psi(\Omega_{\omega^2}\cdot\psi_\omega(\Omega_{\omega^2}))$
1,4,7,6,4,6,10,14,9,12	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega+1})$
1,4,7,6,4,6,10,14,13,10	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega\cdot 2})$
1,4,7,6,4,6,10,14, 13,10,13,18,23,22,18	$\psi(\Omega_{\omega^2}\cdot\Omega_{\omega\cdot 3})$
1,4,7,6,4,7	$\psi(\Omega^2_{\omega^2})$
1,4,7,6,5	$\psi(\Omega^2_{\omega^2}\cdot\omega)$
1,4,7,6,6	$\psi(\Omega^2_{\omega^2}\cdot\Omega)$
1,4,7,6,6,4	$\psi(\Omega_{\omega^2}^2\cdot\Omega_\omega)$
1,4,7,6,6,4,7	$\psi(\Omega^3_{\omega^2})$
1,4,7,6,7	$\psi(\Omega^\omega_{\omega^2})$
1,4,7,6,8	$\psi(\Omega^\Omega_{\omega^2})$
1,4,7,6,8,4,7	$\psi(\Omega^{\Omega_{\omega^2}}_{\omega^2})$
1,4,7,6,9	$\psi(\psi_{\omega^2}(0))$
1,4,7,6,9,9	$\psi(\psi_{\omega^2}(1))$
1,4,7,6,9,11	$\psi(\psi_{\omega^2}(\Omega))$
1,4,7,6,9,11,4,7	$\psi(\psi_{\omega^2}(\Omega_{\omega^2}))$
1,4,7,6,9,11,14	$\psi(\psi_{\omega^2}(\psi_{\omega^2}(0)))$
1,4,7,6,9,12	$\psi(\Omega_{\omega^2+1})$
1,4,7,6,9,13	$\psi(\psi_{\omega^2+1}(0))$
1,4,7,6,10	$\psi(\Omega_{\omega^2+\omega})$
1,4,7,6,10,14	$\psi(\Omega_{\omega^2 \cdot 2})$
1,4,7,7	$\psi(\Omega_{\omega^3})$
1,4,7,8	$\psi(\Omega_{\omega^\omega})$
1,4,7,8,7	$\psi(\Omega_{\omega^{\omega+1}})$
1,4,7,8,8	$\psi(\Omega_{\omega^{\omega\cdot 2}})$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,8,9	$\psi(\Omega_{\omega^{\omega^2}})$
1,4,7,8,10	$\psi(\Omega_{\psi(0)})$
1,4,7,8,10,10	$\psi(\Omega_{\psi(1)})$
1,4,7,8,10,11	$\psi(\Omega_{\psi(\omega)})$
1,4,7,8,10,12	$\psi(\Omega_{\psi(\Omega)})$
1,4,7,8,10,12,14	$\psi(\Omega_{\psi(\Omega^\Omega)})$
1,4,7,8,10,13	$\psi(\Omega_{\psi(\psi_1(0))})$
1,4,7,8,10,13,17	$\psi(\Omega_{\psi(\psi_2(0))})$
1,4,7,8,11	$\psi(\Omega_{\psi(\Omega_\omega)})$
1,4,7,8,11,14	$\psi(\Omega_{\psi(\Omega_{\omega^2})})$
1,4,7,8,11,14,15,18,21	$\psi(\Omega_{\psi(\Omega_{\psi(\Omega_{\omega^2})})})$
1,4,7,9	$\psi(\Omega_\Omega)$
1,4,7,9,3	$\psi(\Omega_\Omega+1)$
1,4,7,9,3,6	$\psi(\Omega_{\Omega} + \psi_1(0))$
1,4,7,9,3,7	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\omega}))$
1,4,7,9,3,7,11,13	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\Omega}))$
1,4,7,9,3,7,11,13,6	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\Omega} + 1))$
1,4,7,9,3,7,11, 13,6,8,12,16,18	$\psi(\Omega_{\Omega} + \psi_1(\Omega_{\Omega} + \psi_1(\Omega_{\Omega})))$
1,4,7,9,3,7,11,13,6,9	$\psi(\Omega_{\Omega}+\Omega_{2})$
1,4,7,9,3,7,11,13,7	$\psi(\Omega_{\Omega}+\Omega_{\omega})$
1,4,7,9,3,7,11,13,7,7	$\psi(\Omega_{\Omega} + \Omega_{\omega} \cdot 2)$
1,4,7,9,3,7, 11,13,7,10,7	$\psi(\Omega_{\Omega}+\Omega_{\omega}^2)$
1,4,7,9,3,7, 11,13,7,10,14	$\psi(\Omega_\Omega + \psi_\omega(0))$
1,4,7,9,3,7,11, 13,7,10,15,20,22	$\psi(\Omega_{\Omega} + \psi_{\omega}(\Omega_{\Omega}))$
1,4,7,9,3,7,11,13, 7,10,15,20,22,14,18	$\psi(\Omega_{\Omega} + \Omega_{\omega+1})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,3,7,11,13,	$\psi(\Omega_\Omega+\Omega_{\omega\cdot 2})$
7,10,15,20,22,15	$\psi(\mathfrak{d}\iota_{\Omega}+\mathfrak{d}\iota_{\omega}.2)$
1,4,7,9,3,7,11,13,7,11	$\psi(\Omega_{\Omega}+\Omega_{\omega^2})$
1,4,7,9,3,7,	$\psi(\Omega_{\Omega} + \Omega_{\omega^2} \cdot 2)$
11,13,7,11,7,11	$\varphi(3301 + 33\omega^2 - 2)$
1,4,7,9,3,7,	$\psi(\Omega_\Omega+\Omega_{\omega^2}^2)$
11,13,7,11,10,7	, (22 · w-)
1,4,7,9,3,7,	$\psi(\Omega_\Omega + \psi_{\omega^2}(0))$
11,13,7,11,10,14	
1,4,7,9,3,7,	$\psi(\Omega_\Omega+\Omega_{\omega^3})$
11,13,7,11,11 1,4,7,9,3,7,	
1,4,7,5,5,7, 11,13,7,11,12	$\psi(\Omega_\Omega+\Omega_{\omega^\omega})$
1,4,7,9,3,7,	
11,13,7,11,12,15	$\psi(\Omega_\Omega+\Omega_{\psi(\Omega_\omega)})$
1,4,7,9,3,7,11,13,7,11,12,	//0 0
15,18,20,14,18,22,24,18,22	$\psi(\Omega_{\Omega} + \Omega_{\psi(\Omega_{\Omega} + \Omega_{2})})$
1,4,7,9,3,7,	$\psi(\Omega_\Omega \cdot 2)$
11,13,7,11,13	$\psi(\mathfrak{s}_{M},\mathfrak{s}_{2})$
1,4,7,9,3,7,11,13,8	$\psi(\Omega_\Omega\cdot\omega)$
1,4,7,9,3,7,11,13,9	$\psi(\Omega_\Omega\cdot\Omega)$
1,4,7,9,3,7,11,13,10,7	$\psi(\Omega_\Omega\cdot\Omega_\omega)$
1,4,7,9,3,7,	$\psi(\Omega_\Omega\cdot\Omega_{\omega^2})$
11,13,10,7,11	$\varphi(3i\eta \cdot 3i\omega^2)$
1,4,7,9,3,7,	$\psi(\Omega^2_\Omega)$
11,13,10,7,11,13	1 (327
1,4,7,9,3,7,11,13,10,8	$\psi(\Omega_\Omega^\omega)$
1,4,7,9,3,7,	$\psi(\Omega^{\Omega_\omega}_\Omega)$
11,13,10,12,7	Ψ(σξή)
1,4,7,9,3,7,11,	$\psi(\Omega_\Omega^{\Omega_\Omega})$
13,10,13,7,11,13	, , , , , ,
1,4,7,9,3,7,11,13,10,14	$\psi(\psi_\Omega(0))$
1,4,7,9,3,7,	ah(ah- (1\)
11,13,10,14,14	$\psi(\psi_\Omega(1))$
1,4,7,9,3,7,	$\psi(\psi_\Omega(\omega))$
11,13,10,14,15	7 (732(37))

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,3,7,	$\psi(\psi_\Omega(\Omega))$
11,13,10,14,16	$\psi(\psi_{\Omega}(\mathfrak{s}\iota))$
1,4,7,9,3,7,	$\psi(\psi_\Omega(\Omega_2))$
11,13,10,14,17	$\psi(\psi_{\Omega}(\mathfrak{1}\mathfrak{2}\mathfrak{2}))$
1,4,7,9,3,7,11,	$\psi(\psi_\Omega(\Omega_\Omega))$
13,10,14,17,7,11,13	$\psi(\psi\Omega(22\Omega))$
1,4,7,9,3,7,11,	$\psi(\psi_\Omega(\psi_\Omega(0)))$
13,10,14,17,21	$\varphi(\varphi \Omega(\varphi \Omega(0)))$
1,4,7,9,3,7,	$\psi(\Omega_{\Omega+1})$
11,13,10,14,18	ψ(συμ+1)
1,4,7,9,3,7,11,13,10,15	$\psi(\Omega_{\Omega+\omega})$
1,4,7,9,3,7,	$\psi(\Omega_{\Omega+\omega\cdot 2})$
11,13,10,15,19,25	$\psi(\Omega^{2}\Omega+\omega\cdot 2)$
1,4,7,9,3,7,	$\psi(\Omega_{\Omega+\omega^2})$
11,13,10,15,20	$\psi(^{12}\Omega+\omega^{2})$
1,4,7,9,3,7,11,	$\psi(\Omega_{\Omega+\psi(0)})$
13,10,15,20,21,23	ψ (2.21 $t+\psi(0)$)
1,4,7,9,3,7,11,	$\psi(\Omega_{\Omega+\psi(\Omega_\omega)})$
13,10,15,20,21,24	$\psi(\mathfrak{I}^{\omega}\Omega + \psi(\Omega_{\omega}))$
1,4,7,9,3,7,11,	$\psi(\Omega_{\Omega+\psi(\Omega_{\Omega})})$
13,10,15,20,21,24,27,29	$\psi(\Omega \Omega + \psi(\Omega_{\Omega}))$
1,4,7,9,3,7,11,	$\psi(\Omega_{\Omega\cdot 2})$
13,10,15,20,22	ψ (52 Ω -2)
1,4,7,9,3,7,11,	$\psi(\Omega_{\Omega\cdot 2}+\Omega_{\Omega})$
13,10,15,20,22,7,11,13	$\varphi(zz_{U,Z} + zz_{U})$
1,4,7,9,3,7,11,13,10,15,	$\psi(\Omega_{\Omega\cdot 2}+\psi_{\Omega}(0))$
20,22,7,11,13,10,14	Y (32·2 Y31(V))
1,4,7,9,3,7,11,13,10,15,	$\psi(\Omega_{\Omega\cdot 2}+\psi_{\Omega}(\Omega_{\Omega\cdot 2}))$
20,22,7,11,13,10,15,20,22	7 (20.2 730(30.2))
1,4,7,9,3,7,11,13,	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega\cdot 2})\cdot\Omega)$
10,15,20,22,9	, (352 - , 65(352))
1,4,7,9,3,7,11,13,10,	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega\cdot 2})\cdot\Omega_{\Omega})$
15,20,22,10,7,11,13	1 (30.2 - 130 (30.2) 30)
1,4,7,9,3,7,11,13,10,	$\psi(\Omega_{\Omega\cdot 2} + \psi_{\Omega}(\Omega_{\Omega\cdot 2})^2)$
15,20,22,10,15,20,22	, (352 - , 65(352))
1,4,7,9,3,7,11,13,	$\psi(\Omega_{\Omega\cdot 2}+\psi_{\Omega}(\Omega_{\Omega\cdot 2}+1))$
10,15,20,22,14	, (302 - 132 (302 - 7)
1,4,7,9,3,7,11,13,	$\psi(\Omega_{\Omega \cdot 2} + \Omega_{\Omega + 1})$
10,15,20,22,14,18	

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,3,7,11,13,	$\psi(\Omega_{\Omega\cdot 2}\cdot 2)$
10,15,20,22,15,20,22	$\psi(\mathfrak{su}_{l,2}\cdot 2)$
1,4,7,9,3,7,11,13,	$\psi(\Omega_{\Omega\cdot 2}\cdot\Omega_2)$
10,15,20,22,18	φ (5511.2 552)
1,4,7,9,3,7,11,13,10,15,	$\psi(\Omega^2_{\Omega,2})$
20,22,19,15,20,22	T (\l(-2)
1,4,7,9,3,7,11,13,10,15,	$\psi(\Omega^{\Omega_{\Omega\cdot2}}_{\Omega\cdot2})$
20,22,19,23,15,20,22	, \ 20-2 \
1,4,7,9,3,7,11,13,	$\psi(\psi_{\Omega\cdot 2}(0))$
10,15,20,22,19,24	
1,4,7,9,3,7,11,13,10,	$\psi(\Omega_{\Omega\cdot 2+1})$
15,20,22,19,24,29	
1,4,7,9,3,7,11,13,	$\psi(\Omega_{\Omega\cdot 2+\omega})$
10,15,20,22,19,25	
1,4,7,9,3,7,11,13,10,	$\psi(\Omega_{\Omega\cdot 3})$
15,20,22,19,25,31,33	
1,4,7,9,3,7,11,13,11	$\psi(\Omega_{\Omega\cdot\omega})$
1,4,7,9,3,7,11,13,11,11	$\psi(\Omega_{\Omega\cdot\omega^2})$
1,4,7,9,3,7,11,13,11,13	$\psi(\Omega_{\Omega^2})$
1,4,7,9,3,7,11,13,13	$\psi(\Omega_{\Omega^\Omega})$
1,4,7,9,3,7,11,13,	$\psi(\Omega_{\scriptscriptstyle O\Omega}^{\Omega_{\scriptscriptstyle \Omega\Omega}})$
13,10,13,7,11,13,13	$\psi(\Omega_{\Omega\Omega})$
1,4,7,9,3,7,11,13,15	$\psi(\Omega_{\Omega^{\Omega^\Omega}})$
1,4,7,9,3,7,11,13,16	$\psi(\Omega_{\psi_1(0)})$
1,4,7,9,3,7,11,13,16,19	$\psi(\Omega_{\psi_1(\Omega_2)})$
1,4,7,9,3,7,11,13,17	$\psi(\Omega_{\psi_1(\Omega_\omega)})$
1,4,7,9,3,7,	//0
11,13,17,21,23	$\psi(\Omega_{\psi_1(\Omega_\Omega)})$
1,4,7,9,3,7,11,	al-(O
13,17,21,23,26	$\psi(\Omega_{\psi_1(\Omega_{\psi_1(0)})})$
1,4,7,9,3,7,11,14	$\psi(\Omega_{\Omega_2})$
1,4,7,9,3,7,11,14,	ali(O
6,11,16,19,15,20,25	$\psi(\Omega_{\Omega_2+1})$
1,4,7,9,3,7,11,	ah(O o)
14,6,11,16,19,19	$\psi(\Omega_{\Omega_2^{\Omega_2}})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,3,7,11, 14,6,11,16,19,23	$\psi(\Omega_{\psi_2(0)})$
1,4,7,9,3,7,11, 14,6,11,16,20	$\psi(\Omega_{\Omega_3})$
1,4,7,9,4	$\psi(\Omega_{\Omega_\omega})$
1,4,7,9,4,4	$\psi(\Omega_{\Omega_{\omega}}+\Omega_{\omega})$
1,4,7,9,4,6,9	$\psi(\Omega_{\Omega_{\omega}} + \psi_{\omega}(0))$
1,4,7,9,4,6,10,14,16	$\psi(\Omega_{\Omega_{\omega}} + \psi_{\omega}(\Omega_{\Omega}))$
1,4,7,9,4,6,10,14,16,4	$\psi(\Omega_{\Omega_{\omega}} + \psi_{\omega}(\Omega_{\Omega_{\omega}}))$
1,4,7,9,4,6, 10,14,16,9,12	$\psi(\Omega_{\Omega_{\omega}} + \Omega_{\omega+1})$
1,4,7,9,4,6,10,14,16,10	$\psi(\Omega_{\Omega_{\omega}} + \Omega_{\omega \cdot 2})$
1,4,7,9,4,6, 10,14,16,10,14,16	$\psi(\Omega_{\Omega_{\omega}}+\Omega_{\Omega})$
1,4,7,9,4,6, 10,14,16,10,14,16,4	$\psi(\Omega_{\Omega_\omega}\cdot 2)$
1,4,7,9,4,6,10,14,16,11	$\psi(\Omega_{\Omega_\omega}\cdot\omega)$
1,4,7,9,4,6,10,14,16,12	$\psi(\Omega_{\Omega_\omega}\cdot\Omega)$
1,4,7,9,4,6, 10,13,15,12,4	$\psi(\Omega_{\Omega_\omega}\cdot\Omega_\omega)$
1,4,7,9,4,6, 10,14,16,12,15	$\psi(\Omega_{\Omega_\omega}\cdot\psi_\omega(0))$
1,4,7,9,4,6,10,14,16,13	$\psi(\Omega_{\Omega_{\omega}}\cdot\Omega_{\omega+1})$
1,4,7,9,4,6,10, 14,16,13,10,14,16	$\psi(\Omega_{\Omega_\omega}\cdot\Omega_\Omega)$
1,4,7,9,4,6,10, 14,16,13,10,14,16,4	$\psi(\Omega^2_{\Omega_\omega})$
1,4,7,9,4,6, 10,14,16,13,12	$\psi(\Omega^{\Omega}_{\Omega_{\omega}})$
1,4,7,9,4,6, 10,14,16,13,17	$\psi(\psi_{\Omega_\omega}(0))$
1,4,7,9,4,6,10, 14,16,13,18,23,26	$\psi(\Omega_{\Omega_\omega+1})$
1,4,7,9,4,6,10, 14,16,14,16,4	$\psi(\Omega_{\Omega^2_\omega})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,4,6,	$\psi(\Omega_{\Omega^{\Omega_\omega}_\omega})$
10,14,16,16,4 1,4,7,9,4,6,10,14,16,19	$\psi(\Omega_{\psi_\omega(0)})$
1,4,7,9,4,6,10,14,17	$\psi^{(\Sigma^2\psi_\omega(0))} = \psi(\Omega_{\Omega_{\omega+1}})$
1,4,7,9,4,7	$\psi(\Omega_{\Omega_{\omega^2}})$
1,4,7,9,4,7,8,10	$\psi(\Omega_{\Omega_{\psi(0)}})$
1,4,7,9,4,7,8,11	$\psi(\Omega_{\Omega_{\psi(\Omega_{\omega})}})$
1,4,7,9,4,7,8,11,14,16	$\psi(\Omega_{\Omega_{\psi(\Omega_\Omega)}})$
1,4,7,9,4,7,9	$\psi(\Omega_{\Omega_\Omega})$
1,4,7,9,4,7,9,4,7,9	$\psi(\Omega_{\Omega_{\Omega_\Omega}})$
1,4,7,9,5	$\psi(\psi_I(0))$
1,4,7,9,5,3	$\psi(\psi_I(0)+1)$
1,4,7,9,5,3, 4,7,10,12,8	$\psi(\psi_I(0) + \psi(\psi_I(0)))$
1,4,7,9,5,3,5	$\psi(\psi_I(0)+\Omega)$
1,4,7,9,5,4,6,9	$\psi(\psi_I(0) + \psi_{\Omega_{\omega+1}}(0))$
1,4,7,9,5,4,6,9,12	$\psi(\psi_I(0) + \Omega_{\omega+1})$
1,4,7,9,5,4,7,9	$\psi(\psi_I(0)+\Omega_\Omega)$
1,4,7,9,5,4,7,9,5	$\psi(\psi_I(0)\cdot 2)$
1,4,7,9,5,5	$\psi(\psi_I(0)\cdot\omega)$
1,4,7,9,5,8,11,13,9	$\psi(\psi_I(0)\cdot\psi(\psi_I(0)))$
1,4,7,9,6	$\psi(\psi_I(0)\cdot\Omega)$
1,4,7,9,6,4,7	$\psi(\psi_I(0)\cdot\Omega_{\omega^2})$
1,4,7,9,6,4,7,9	$\psi(\psi_I(0)\cdot\Omega_\Omega)$
1,4,7,9,6,4,7,9,6,4,7,9,5	$\psi(\psi_I(0)^2\cdot 2)$
1,4,7,9,6,5	$\psi(\psi_I(0)^2\cdot\omega)$
1,4,7,9,6,6	$\psi(\psi_I(0)^2\cdot\Omega)$
1,4,7,9,6,6,4,7,9,5	$\psi(\psi_I(0)^3)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,6,7,10,13,15,11	$\psi(\psi_I(0)^{\psi(\psi_I(0))})$
1,4,7,9,6,8	$\psi(\psi_I(0)^\Omega)$
1,4,7,9,6,8,4,7,9,5	$\psi(\psi_I(0)^{\psi_I(0)})$
1,4,7,9,6,9	$\psi(\psi_{\Omega_{\psi_I(0)+1}}(0))$
1,4,7,9,6,9,9	$\psi(\psi_{\Omega_{\psi_I(0)+1}}(1))$
1,4,7,9,6,9, 11,4,7,9,5	$\psi(\psi_{\Omega_{\psi_I(0)+1}}(\psi_I(0)))$
1,4,7,9,6,9,11,14	$\psi(\psi_{\Omega_{\psi_{I}(0)+1}}(\psi_{\Omega_{\psi_{I}(0)+1}}(0)))$
1,4,7,9,6,9,12	$\psi(\Omega_{\psi_I(0)+1})$
1,4,7,9,6,10	$\psi(\Omega_{\psi_I(0)+\omega})$
1,4,7,9,6,10,14,16	$\psi(\Omega_{\psi_I(0)+\Omega})$
1,4,7,9,6,10, 14,16,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 2})$
1,4,7,9,6,10,14, 16,4,7,9,5,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_I(0))$
1,4,7,9,6,10,14, 16,4,7,9,6,9	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(0))$
1,4,7,9,6,10,14, 16,4,7,9,6,9,12	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)+1}))$
1,4,7,9,6,10,14,16,4,7, 9,6,10,14,16,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2}))$
1,4,7,9,6,10,14,16,6	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2}) \cdot \Omega)$
1,4,7,9,6,10, 14,16,6,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2}) \cdot \psi_I(0))$
1,4,7,9,6,10,14,16,6,9	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2}) \cdot \psi_{\Omega_{\psi_I(0)+1}}(0))$
1,4,7,9,6,10,14,16, 6,10,14,16,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2})^2)$
1,4,7,9,6,10,14,16,7	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2})^{\omega})$
1,4,7,9,6,10,14, 16,8,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2})^{\psi_I(0)})$
1,4,7,9,6,10,14,16,9	$\psi(\Omega_{\psi_I(0)\cdot 2} + \psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2} + 1))$
1,4,7,9,6,10,14,16,9,12	$\psi(\Omega_{\psi_I(0)\cdot 2} + \Omega_{\psi_I(0)+1})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,6,10,14,16,10	$\psi(\Omega_{\psi_I(0)\cdot 2} + \Omega_{\psi_I(0)+\omega})$
1,4,7,9,6,10,14,16, 10,14,16,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot 2)$
1,4,7,9,6,10,14,16,12	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot\Omega)$
1,4,7,9,6,10, 14,16,12,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot \psi_I(0))$
1,4,7,9,6,10,14,16,12,15	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot\psi_{\Omega_{\psi_I(0)+1}}(0))$
1,4,7,9,6,10,14, 16,12,16,20,22,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot\psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_I(0)\cdot 2}))$
1,4,7,9,6,10,14,16,13	$\psi(\Omega_{\psi_I(0)\cdot 2}\cdot\Omega_{\psi_I(0)+1})$
1,4,7,9,6,10,14,16,13, 10,14,16,13,4,7,9,5	$\psi(\Omega^2_{\psi_I(0)\cdot 2})$
1,4,7,9,6,10,14, 16,13,13,4,7,9,5	$\psi(\Omega^{\Omega_{\psi_I(0)\cdot 2}}_{\psi_I(0)\cdot 2})$
1,4,7,9,6,10,14,16,13,17	$\psi(\psi_{\Omega_{\psi_I(0)\cdot 2+1}}(0))$
1,4,7,9,6,10, 14,16,13,17,21	$\psi(\Omega_{\psi_I(0)\cdot 2+1})$
1,4,7,9,6,10,14,16, 13,18,23,25,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot 3})$
1,4,7,9,6,10,14,16,14	$\psi(\Omega_{\psi_I(0)\cdot\omega})$
1,4,7,9,6,10,14, 16,14,10,14,16,14	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot 2)$
1,4,7,9,6,10,14,16,14,12	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\Omega)$
1,4,7,9,6,10,14, 16,14,12,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0))$
1,4,7,9,6,10,14, 16,14,12,9,12	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)+\Omega_{\psi_I(0)+1})$
1,4,7,9,6,10,14,16,14,12, 10,14,16,14,12,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)\cdot 2)$
1,4,7,9,6,10, 14,16,14,12,12	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)\cdot\Omega)$
1,4,7,9,6,10,14, 16,14,12,12,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)^2)$
1,4,7,9,6,10,14, 16,14,12,14,4,7,9,5	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_I(0)^{\psi_I(0)})$
1,4,7,9,6,10, 14,16,14,12,15	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\psi_{\Omega_{\psi_I(0)+1}}(0))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,6,10,14,16,14,13	$\psi(\Omega_{\psi_I(0)\cdot\omega}\cdot\Omega_{\psi_I(0)+1})$
1,4,7,9,6,10,14, 16,14,13,10,14,16,14	$\psi(\Omega^2_{\psi_I(0)\cdot\omega})$
1,4,7,9,6,10, 14,16,14,13,15	$\psi(\Omega^\Omega_{\psi_I(0)\cdot\omega})$
1,4,7,9,6,10, 14,16,14,13,17	$\psi(\psi_{\Omega_{\psi_I(0)\cdot\omega+1}}(0))$
1,4,7,9,6,10, 14,16,14,13,17,21	$\psi(\Omega_{\psi_I(0)\cdot\omega+1})$
1,4,7,9,6,10,14, 16,14,13,18,23,25,23	$\psi(\Omega_{\psi_I(0)\cdot\omega\cdot 2})$
1,4,7,9,6,10,14,16,14,14	$\psi(\Omega_{\psi_I(0)\cdot\omega^2})$
1,4,7,9,6,10,14,16,14,16	$\psi(\Omega_{\psi_I(0)\cdot\Omega})$
1,4,7,9,6,10,14, 16,14,16,4,7,9,5	$\psi(\Omega_{\psi_I(0)^2})$
1,4,7,9,6,10,14, 16,16,4,7,9,5	$\psi(\Omega_{\psi_I(0)^{\psi_I(0)}})$
1,4,7,9,6,10,14,16,19	$\psi(\Omega_{\psi_{\Omega_{\psi_I(0)+1}}(0)})$
1,4,7,9,6,10,14,16,19,19	$\psi(\Omega_{\psi_{\Omega_{\psi_I(0)+1}}(1)})$
1,4,7,9,6,10,14, 16,20,24,26,29	$\psi(\Omega_{\psi_{\Omega_{\psi_I(0)+1}}(\Omega_{\psi_{\Omega_{\psi_I(0)+1}}(0)})})$
1,4,7,9,6,10,14,17	$\psi(\Omega_{\Omega_{\psi_I(0)+1}})$
1,4,7,9,6,10, 14,17,10,14,17	$\psi(\Omega_{\Omega_{\Omega_{\psi_I(0)+1}}})$
1,4,7,9,6,10,14,17,11	$\psi(\psi_I(1))$
1,4,7,9,6,10, 14,17,11,4,7,9,5	$\psi(\psi_I(1)+\psi_I(0))$
1,4,7,9,6,10,14, 17,11,4,7,9,6,9	$\psi(\psi_I(1) + \psi_{\Omega_{\psi_I(0)+1}}(0))$
1,4,7,9,6,10,14,17, 11,4,7,9,6,10,14,17	$\psi(\psi_I(1) + \psi_{\Omega_{\psi_I(0)+1}}(\psi_I(1)))$
1,4,7,9,6,10,14, 17,11,6,4,7,9,5	$\psi(\psi_I(1) + \psi_{\Omega_{\psi_I(0)+1}}(\psi_I(1)) \cdot \psi_I(0))$
1,4,7,9,6,10,14,17,11,9	$\psi(\psi_I(1) + \psi_{\Omega_{\psi_I(0)+1}}(\psi_I(1) + 1))$
1,4,7,9,6,10, 14,17,11,9,12	$\psi(\psi_I(1) + \Omega_{\psi_I(0)+1})$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,6,10,14,17,11,10	$\psi(\psi_I(1) + \Omega_{\psi_I(0) + \omega})$
1,4,7,9,6,10,14, 17,11,10,14,17,11	$\psi(\psi_I(1)\cdot 2)$
1,4,7,9,6,10,14, 17,12,4,7,9,5	$\psi(\psi_I(1)\cdot\psi_I(0))$
1,4,7,9,6,10,14, 17,12,6,10,14,17,11	$\psi(\psi_I(1)\cdot\psi_{\Omega_{\psi_I(0)+1}}(\psi_I(1)))$
1,4,7,9,6,10, 14,17,12,9,12	$\psi(\psi_I(1)\cdot\Omega_{\psi_I(0)+1})$
1,4,7,9,6,10,14,17,12,10	$\psi(\psi_I(1)\cdot\Omega_{\psi_I(0)+\omega})$
1,4,7,9,6,10,14, 17,12,10,14,17,11	$\psi(\psi_I(1)^2)$
1,4,7,9,6,10,14,17,12,11	$\psi(\psi_I(1)^\omega)$
1,4,7,9,6,10,14,17,12,12	$\psi(\psi_I(1)^\Omega)$
1,4,7,9,6,10,14, 17,12,12,4,7,9,5	$\psi(\psi_I(1)^{\psi_I(0)})$
1,4,7,9,6,10,14,17,13	$\psi(\psi_I(1)^{\Omega_{\psi_I(0)+1}})$
1,4,7,9,6,10,14, 17,13,10,14,17,11	$\psi(\psi_I(1)^{\psi_I(1)})$
1,4,7,9,6,10,14,17,13,17	$\psi(\psi_{\Omega_{\psi_I(1)+1}}(0))$
1,4,7,9,6,10, 14,17,13,17,21	$\psi(\Omega_{\psi_I(1)+1})$
1,4,7,9,6,10,14,17,13,18	$\psi(\Omega_{\psi_I(1)+\omega})$
1,4,7,9,6,10, 14,17,13,18,23	$\psi(\Omega_{\psi_I(1)+\Omega})$
1,4,7,9,6,10,14,17, 13,18,23,25,4,7,9,5	$\psi(\Omega_{\psi_I(1)+\psi_I(0)})$
1,4,7,9,6,10,14,17,13, 18,23,26,10,14,17,11	$\psi(\Omega_{\psi_I(1)\cdot 2})$
1,4,7,9,6,10,14, 17,13,18,23,26,22,28	$\psi(\Omega_{\psi_{\Omega_{\psi_I(1)+1}}(0)})$
1,4,7,9,6,10,14, 17,13,18,23,27	$\psi(\Omega_{\Omega_{\psi_I(1)+1}})$
1,4,7,9,6,10,14, 17,13,18,23,27,19	$\psi(\psi_I(2))$
1,4,7,9,7	$\psi(\psi_I(\omega))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,7,3,5	$\psi(\psi_I(\omega) + \Omega)$
1,4,7,9,7,4,7,9,7	$\psi(\psi_I(\omega)\cdot 2)$
1,4,7,9,7,6	$\psi(\psi_I(\omega)\cdot\Omega)$
1,4,7,9,7,6,4,7,9,7	$\psi(\psi_I(\omega)^2)$
1,4,7,9,7,6,9	$\psi(\psi_{\Omega_{\psi_I(\omega)+1}}(0))$
1,4,7,9,7,6,9,9	$\psi(\psi_{\Omega_{\psi_I(\omega)+1}}(1))$
1,4,7,9,7,6,9,12	$\psi(\Omega_{\psi_I(\omega)+1})$
1,4,7,9,7,6,10, 14,16,4,7,9,7	$\psi(\Omega_{\psi_I(\omega)\cdot 2})$
1,4,7,9,7,6,10, 14,16,16,4,7,9,7	$\psi(\Omega_{\psi_I(\omega)^{\psi_I(\omega)}})$
1,4,7,9,7,6,10,14,16,19	$\psi(\Omega_{\psi_{\Omega_{\psi_I(\omega)+1}}(0)})$
1,4,7,9,7,6,10, 14,16,20,24,26,29	$\psi(\Omega_{\psi_{\Omega_{\psi_I(\omega)+1}}(\Omega_{\psi_{\Omega_{\psi_I(\omega)+1}}(0)})})$
1,4,7,9,7,6,10,14,17	$\psi(\Omega_{\Omega_{\psi_I(\omega)+1}})$
1,4,7,9,7,6,10,14,17,11	$\psi(\psi_I(\omega+1))$
1,4,7,9,7,6,10,14,17,14	$\psi(\psi_I(\omega\cdot 2))$
1,4,7,9,7,7	$\psi(\psi_I(\omega^2))$
1,4,7,9,7,8,10	$\psi(\psi_I(\psi(0)))$
1,4,7,9,7,8,11	$\psi(\psi_I(\psi(\Omega_\omega)))$
1,4,7,9,7,8,11,14,16,12	$\psi(\psi_I(\psi(\psi_I(0))))$
1,4,7,9,7,9	$\psi(\psi_I(\Omega))$
1,4,7,9,7,9,4,7,9,5	$\psi(\psi_I(\psi_I(0)))$
1,4,7,9,7,9,4,7,9,6	$\psi(\psi_I(\psi_I(0)) + \psi_I(0) \cdot \Omega)$
1,4,7,9,7,9,4, 7,9,6,10,14,17,11	$\psi(\psi_I(\psi_I(0)) + \psi_I(1))$
1,4,7,9,7,9,4, 7,9,6,10,14,17,14	$\psi(\psi_I(\psi_I(0)) + \psi_I(\omega))$
1,4,7,9,7,9,4,7, 9,6,10,14,17,14,16	$\psi(\psi_I(\psi_I(0)) + \psi_I(\Omega))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,7,9,4,7,9,6,	// / / / (n)) a)
10,14,17,14,16,4,7,9,5	$\psi(\psi_I(\psi_I(0))\cdot 2)$
1,4,7,9,7,9,4,7,9,	
6,10,14,17,14,16,6	$\psi(\psi_I(\psi_I(0))\cdot\Omega)$
1,4,7,9,7,9,4,7,9,	(0))
6,10,14,17,14,16,6,9	$\psi(\psi_{\Omega_{\psi_I(\psi_I(0))+1}}(0))$
1,4,7,9,7,9,4,7,9,6,	//0
10,14,17,14,16,6,9,12	$\psi(\Omega_{\psi_I(\psi_I(0))+1})$
1,4,7,9,7,9,4,7,9,6,10,	.l(.l, (.l, (0) + 1))
14,17,14,16,6,10,14,17,11	$\psi(\psi_I(\psi_I(0)+1))$
1,4,7,9,7,9,4,7,9,6,10,	
14,17,14,16,6,10,14,17,14	$\psi(\psi_I(\psi_I(0)+\omega))$
1,4,7,9,7,9,4,7,9,6,10,	
14,17,14,16,6,10,14,17,14,16	$\psi(\psi_I(\psi_I(0)+\Omega))$
1,4,7,9,7,9,4,7,9,	
6,10,14,17,14,16,6,10,	$\psi(\psi_I(\psi_I(0)\cdot 2))$
14,17,14,16,4,7,9,5	
1,4,7,9,7,9,4,7,	$\psi(\psi_I(\psi_I(0)\cdot\omega))$
9,6,10,14,17,14,16,7	$\psi(\psi_I(\psi_I(0),\omega))$
1,4,7,9,7,9,4,7,	$\psi(\psi_I(\psi_{\Omega_{\psi_I(0)+1}}(0)))$
9,6,10,14,17,14,16,19	$\psi(\psi I(\psi \Omega_{\psi_I(0)+1}(0)))$
1,4,7,9,7,9,4,7,9,6,	$\psi(\psi_I(\psi_I(1)))$
10,14,17,14,16,20,24,27,21	$\varphi(\varphi_I(\varphi_I(1)))$
1,4,7,9,7,9,4,7,9,7	$\psi(\psi_I(\psi_I(\omega)))$
1,4,7,9,7,9,4,7,9,7,9	$\psi(\psi_I(\psi_I(\Omega)))$
1,4,7,9,7,9,4,	$\psi(\psi_I(\psi_I(\psi_I(0))))$
7,9,7,9,4,7,9,5	al.(I)
1,4,7,9,7,9,5	$\psi(I)$
	$\psi(2 1-2)$
1,4,7,9,7,9,5,3	$\psi(I+1)$
1,4,7,9,7,9,5,	$\psi(I + \psi(I))$
3,4,7,10,12,10,12,8	$\psi(1 + \psi(1))$
1,4,7,9,7,9,5,3,5	$\psi(I+\Omega)$
1,4,7,9,7,9,	$\psi(I+\psi_I(0))$
5,4,7,9,5	$\varphi(\mathbf{i} + \varphi_I(\mathbf{v}))$
1,4,7,9,7,9,	$\psi(I+\psi_I(I))$
5,4,7,9,7,9,5	

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,7,9,6	$\psi(I+\psi_I(I)\cdot\Omega)$
1,4,7,9,7,9,	$\psi(I+\psi_I(I)^2)$
6,4,7,9,7,9,5	$\psi(I+\psi I(I))$
1,4,7,9,7,9,6,9	$\psi(I+\psi_{\Omega_{\psi_I(I)+1}}(0))$
1,4,7,9,7,9,6,9,12	$\psi(I + \Omega_{\psi_I(I)+1})$
1,4,7,9,7,9,	$\psi(I+\psi_I(I+1))$
6,10,14,17,11	7 () () ()
1,4,7,9,7,9,	$\psi(I+\psi_I(I+\omega))$
6,10,14,17,14 1,4,7,9,7,9,6,10,14,	
17,14,16,4,7,9,7,9,5	$\psi(I+\psi_I(I+\psi_I(I)))$
1,4,7,9,7,9,6,10,	/// a)
14,17,14,17,11	$\psi(I\cdot 2)$
1,4,7,9,7,9,7	$\psi(I\cdot\omega)$
1,4,7,9,7,9,7,7	$\psi(I\cdot\omega^2)$
1,4,7,9,7,9,7,8,	$\psi(I\cdot\psi(I))$
11,14,16,14,16,12	$\psi(I \cdot \psi(I))$
1,4,7,9,7,9,7,9	$\psi(I\cdot\Omega)$
1,4,7,9,7,9,7,	$\psi(I\cdot \psi_I(I))$
9,4,7,9,7,9,5	$\varphi(1 \cdot \varphi_I(1))$
1,4,7,9,7,9,7,	$\psi(I\cdot\psi_I(I\cdot\Omega))$
9,4,7,9,7,9,7,9	
1,4,7,9,7,9,7,9,5	$\psi(I^2)$
1,4,7,9,7,9,	$\psi(I^3)$
7,9,7,9,5	,
1,4,7,9,8	$\psi(I^\omega)$
1,4,7,9,8,7,9,5	$\psi(I^{\omega+1})$
1,4,7,9,8,7,9,8	$\psi(I^{\omega \cdot 2})$
1,4,7,9,9	$\psi(I^\Omega)$
1,4,7,9,9,4,7,9,9	$\psi(I^{\psi_I(I^\Omega)})$
1,4,7,9,9,5	$\psi(I^I)$
1,4,7,9,9,7,9,5	$\psi(I^{I+1})$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,9,7,9,9,5	$\psi(I^{I\cdot 2})$
1,4,7,9,9,8	$\psi(I^{I\cdot\omega})$
1,4,7,9,9,9	$\psi(I^{I\cdot\Omega})$
1,4,7,9,9,9,5	$\psi(I^{I^2})$
1,4,7,9,10	$\psi(I^{I^\omega})$
1,4,7,9,11	$\psi(I^{I^\Omega})$
1,4,7,9,11,5	$\psi(I^{I^I})$
1,4,7,9,11,13,5	$\psi(I^{I^{I^I}})$
1,4,7,9,12	$\psi(\psi_{\Omega_{I+1}}(0))$
1,4,7,9,12,3	$\psi(\psi_{\Omega_{I+1}}(0)+1)$
1,4,7,9,12,4,7,9,12	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0)))$
1,4,7,9,12,6,9	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_{\psi_I(\psi_{\Omega_{I+1}}(0))+1}(0))$
1,4,7,9,12,6,9,12	$\psi(\psi_{\Omega_{I+1}}(0) + \Omega_{\psi_I(\psi_{\Omega_{I+1}}(0))+1})$
1,4,7,9,12,6,10,14,17,11	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0) + 1))$
1,4,7,9,12,6, 10,14,17,14,16	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0) + \Omega))$
1,4,7,9,12,6,10,14, 17,14,16,4,7,9,12	$\psi(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0) + \psi_I(\psi_{\Omega_{I+1}}(0))))$
1,4,7,9,12,6,10, 14,17,14,17,11	$\psi(\psi_{\Omega_{I+1}}(0)+I)$
1,4,7,9,12,6,10, 14,17,14,17,14	$\psi(\psi_{\Omega_{I+1}}(0) + I \cdot \omega)$
1,4,7,9,12,6,10,14, 17,14,17,14,17,11	$\psi(\psi_{\Omega_{I+1}}(0)+I^2)$
1,4,7,9,12,6,10,14,17,15	$\psi(\psi_{\Omega_{I+1}}(0)+I^{\omega})$
1,4,7,9,12,6, 10,14,17,17,11	$\psi(\psi_{\Omega_{I+1}}(0) + I^I)$
1,4,7,9,12,6,10,14,17,21	$\psi(\psi_{\Omega_{I+1}}(0)\cdot 2)$
1,4,7,9,12,7	$\psi(\psi_{\Omega_{I+1}}(0)\cdot\omega)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,12,7, 9,4,7,9,12	$\psi(\psi_{\Omega_{I+1}}(0)\cdot\psi_I(\psi_{\Omega_{I+1}}(0)))$
1,4,7,9,12,7,9,5	$\psi(\psi_{\Omega_{I+1}}(0)\cdot I)$
1,4,7,9,12,7,9,12	$\psi(\psi_{\Omega_{I+1}}(0)^2)$
1,4,7,9,12,9	$\psi(\psi_{\Omega_{I+1}}(0)^\Omega)$
1,4,7,9,12,9,5	$\psi(\psi_{\Omega_{I+1}}(0)^I)$
1,4,7,9,12,9,12	$\psi(\psi_{\Omega_{I+1}}(0)^{\psi_{\Omega_{I+1}}(0)})$
1,4,7,9,12,11	$\psi(\psi_{\Omega_{I+1}}(0)^{\psi_{\Omega_{I+1}}(0)^{\Omega}})$
1,4,7,9,12,12	$\psi(\psi_{\Omega_{I+1}}(1))$
1,4,7,9,12,14	$\psi(\psi_{\Omega_{I+1}}(\Omega))$
1,4,7,9,12,14,5	$\psi(\psi_{\Omega_{I+1}}(I))$
1,4,7,9,12,14,12,14,5	$\psi(\psi_{\Omega_{I+1}}(I\cdot 2))$
1,4,7,9,12,14,14,5	$\psi(\psi_{\Omega_{I+1}}(I^2))$
1,4,7,9,12,14,17	$\psi(\psi_{\Omega_{I+1}}(\psi_{\Omega_{I+1}}(0)))$
1,4,7,9,12,15	$\psi(\Omega_{I+1})$
1,4,7,9,12,16	$\psi(\psi_{\Omega_{I+2}}(0))$
1,4,7,9,12,16,20	$\psi(\Omega_{I+2})$
1,4,7,9,13	$\psi(\Omega_{I+\omega})$
1,4,7,9,13,17,19	$\psi(\Omega_{I+\Omega})$
1,4,7,9,13,17, 19,4,7,9,13,17,19	$\psi(\Omega_{I+\psi_I(\Omega_{I+\Omega})})$
1,4,7,9,13,17,19,5	$\psi(\Omega_{I\cdot 2})$
1,4,7,9,13,17,19,6	$\psi(\Omega_{I\cdot 2} + \psi_I(\Omega_{I\cdot 2}) \cdot \Omega)$
1,4,7,9,13,17, 19,6,10,14,17,11	$\psi(\Omega_{I\cdot 2} + \psi_I(\Omega_{I\cdot 2} + 1))$
1,4,7,9,13,17,19, 6,10,14,17,14,17,11	$\psi(\Omega_{I\cdot 2}+I)$
1,4,7,9,13,17, 19,6,10,14,17,21	$\psi(\Omega_{I\cdot 2} + \psi_{\Omega_{I+1}}(0))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,13,17,19, 6,10,14,17,22,27,30	$\psi(\Omega_{I\cdot 2}\cdot 2)$
1,4,7,9,13,17,19,7	$\psi(\Omega_{I\cdot 2}\cdot\omega)$
1,4,7,9,13,17,19,7,9	$\psi(\Omega_{I\cdot 2}\cdot\Omega)$
1,4,7,9,13,17,19,7,9,5	$\psi(\Omega_{I\cdot 2}\cdot I)$
1,4,7,9,13,17,19,9	$\psi(\Omega^\Omega_{I^*2})$
1,4,7,9,13,17,19,9,5	$\psi(\Omega^I_{I\cdot 2})$
1,4,7,9,13,17, 19,9,13,17,19	$\psi(\Omega_{I\cdot 2}^{\psi_{\Omega_{I+1}}(\Omega_{I\cdot 2})})$
1,4,7,9,13,17,19,11	$\psi(\Omega_{I\cdot 2}^{\psi_{\Omega_{I+1}}(\Omega_{I\cdot 2})\cdot\Omega})$
1,4,7,9,13,17,19,12	$\psi(\Omega_{I\cdot 2}^{\psi_{\Omega_{I+1}}(\Omega_{I\cdot 2}+1)})$
1,4,7,9,13,17,19,12,16,20	$\psi(\Omega_{I\cdot 2}^{\Omega_{I+1}})$
1,4,7,9,13,17,19,13	$\psi(\Omega_{I \cdot 2}^{\Omega_{I + \omega}})$
1,4,7,9,13,17, 19,13,17,19,5	$\psi(\Omega_{I\cdot 2}^{\Omega_{I\cdot 2}})$
1,4,7,9,13,17,19,16,20	$\psi(\psi_{\Omega_{I\cdot 2+1}}(0))$
1,4,7,9,13,17,19,16,20,24	$\psi(\Omega_{I\cdot 2+1})$
1,4,7,9,13,17, 19,16,21,26,28,5	$\psi(\Omega_{I\cdot 3})$
1,4,7,9,13,17,19,17	$\psi(\Omega_{I\cdot\omega})$
1,4,7,9,13,17,19,17,19,5	$\psi(\Omega_{I^2})$
1,4,7,9,13,17,19,19,5	$\psi(\Omega_{I^I})$
1,4,7,9,13,17,19,22	$\psi(\Omega_{\psi_{\Omega_{I+1}}(0)})$
1,4,7,9,13,17,20	$\psi(\Omega_{\Omega_{I+1}})$
1,4,7,9,13,17,20,13,17,20	$\psi(\Omega_{\Omega_{\Omega_{I+1}}})$
1,4,7,9,13,17,20,14	$\psi(\psi_{I_2}(0))$
1,4,7,9,13,17,20,14,6	$\psi(\psi_{I_2}(0) + \psi_I(\psi_{I_2}(0)) \cdot \Omega)$
1,4,7,9,13,17,20,14,6, 10,14,17,14,17,11	$\psi(\psi_{I_2}(0)+I)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,13,17,20,	$\psi(\psi_{I_2}(0) + \psi_{\Omega_{I+1}}(0))$
14,6,10,14,17,21	/ (/12 (/ / / 1001+1 (/ /
1,4,7,9,13,17,20,14,6, 10,14,17,22,27,31,23	$\psi(\psi_{I_2}(0)\cdot 2)$
1,4,7,9,13,17,20,14,7	$\psi(\psi_{I_2}(0)\cdot\omega)$
1,4,7,9,13,17, 20,14,7,9,5	$\psi(\psi_{I_2}(0)\cdot I)$
1,4,7,9,13,17,20, 14,7,9,13,17,20,14	$\psi(\psi_{I_2}(0)^2)$
1,4,7,9,13,17,20,14,9	$\psi(\psi_{I_2}(0)^\Omega)$
1,4,7,9,13,17,20,14,9,5	$\psi(\psi_{I_2}(0)^I)$
1,4,7,9,13,17,20, 14,9,13,17,20,14	$\psi(\psi_{I_2}(0)^{\psi_{\Omega_{I+1}}(\psi_{I_2}(0))})$
1,4,7,9,13,17,20, 14,13,17,20,14	$\psi(\psi_{I_2}(0)^{\psi_{I_2}(0)})$
1,4,7,9,13,17,20,16,20	$\psi(\psi_{\Omega_{\psi_{I_2}(0)+1}}(0))$
1,4,7,9,13,17,20,16,20,20	$\psi(\psi_{\Omega_{\psi_{I_2}(0)+1}}(1))$
1,4,7,9,13,17, 20,14,16,20,21	$\psi(\psi_{\Omega_{\psi_{I_2}(0)+1}}(\omega))$
1,4,7,9,13,17,20,16,20,22	$\psi(\psi_{\Omega_{\psi_{I_2}(0)+1}}(\Omega))$
1,4,7,9,13,17,20,16,20,24	$\psi(\Omega_{\psi_{I_2}(0)+1})$
1,4,7,9,13,17, 20,16,21,26,30	$\psi(\Omega_{\Omega_{\psi_{I_2}(0)+1}})$
1,4,7,9,13,17, 20,16,21,26,30,22	$\psi(\psi_{I_2}(1))$
1,4,7,9,13,17,20,17	$\psi(\psi_{I_2}(\omega))$
1,4,7,9,13,17,20,17,19	$\psi(\psi_{I_2}(\Omega))$
1,4,7,9,13,17,20,17,19	$\psi(\psi_{I_2}(\Omega))$
1,4,7,9,13,17,20,17,19,5	$\psi(\psi_{I_2}(I))$
1,4,7,9,13,17,20,17,19,22	$\psi(\psi_{I_2}(\psi_{\Omega_{I+1}}(0)))$
1,4,7,9,13,17,20,17,20	$\psi(\psi_{I_2}(\Omega_{I+1}))$
1,4,7,9,13,17, 20,17,20,13,17,20	$\psi(\psi_{I_2}(\Omega_{\Omega_{I+1}}))$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,9,13,17, 20,17,20,13,17,20,14	$\psi(\psi_{I_2}(\psi_{I_2}(0)))$
1,4,7,9,13,17,20, 17,20,13,17,20,17,20	$\psi(\psi_{I_2}(\psi_{I_2}(\Omega_{I+1})))$
1,4,7,9,13,17,20,17,20,14	$\psi(I_2)$
1,4,7,9,13,17,20,17,20, 16,21,26,30,35,30,35,31	$\psi(I_2 \cdot 2)$
1,4,7,9,13,17,20,17,20,17	$\psi(I_2\cdot\omega)$
1,4,7,9,13,17, 20,17,20,17,20,14	$\psi(I_2^2)$
1,4,7,9,13,17,20,19	$\psi(I_2^\Omega)$
1,4,7,9,13,17,20,19,5	$\psi(I_2^I)$
1,4,7,9,13,17,20,20,14	$\psi(I_2^{I_2})$
1,4,7,9,13,17,20,24	$\psi(\psi_{\Omega_{I_2+1}}(0))$
1,4,7,9,13,17,20,24,24	$\psi(\psi_{\Omega_{I_2+1}}(1))$
1,4,7,9,13,17,20,24,28	$\psi(\Omega_{I_2+1})$
1,4,7,9,13,17,20,24,29	$\psi(\psi_{\Omega_{I_2+2}}(0))$
1,4,7,9,13,17,20,25,30,34	$\psi(\Omega_{\Omega_{I_2+1}})$
1,4,7,9,13,17, 20,25,30,34,26	$\psi(\psi_{I_3}(0))$
1,4,7,9,13,17,20, 25,30,34,30,34,26	$\psi(I_3)$
1,4,7,10	$\psi(I_\omega)$
1,4,7,10,3	$\psi(I_\omega+1)$
1,4,7,10,4	$\psi(I_\omega+\Omega_\omega)$
1,4,7,10,4,7,9,5	$\psi(I_{\omega} + \psi_I(0))$
1,4,7,10,4,7,9,7,9,5	$\psi(I_\omega + \psi_I(I))$
1,4,7,10,4,7,9,12	$\psi(I_{\omega} + \psi_I(\psi_{\Omega_{I+1}}(0)))$
1,4,7,10,4,7,9,12,15	$\psi(I_{\omega} + \psi_I(\Omega_{I+1}))$
1,4,7,10,4,7, 9,13,17,20,14	$\psi(I_{\omega} + \psi_I(\psi_{I_2}(0)))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,4,7,9,13,17,21	$\psi(I_\omega + \psi_I(I_\omega))$
1,4,7,10,4,7, 9,13,17,21,6,9	$\psi(I_{\omega} + \psi_{\Omega_{\psi_I(I_{\omega})+1}}(0))$
1,4,7,10,4,7, 9,13,17,21,6,9,12	$\psi(I_{\omega} + \Omega_{\psi_I(I_{\omega})+1})$
1,4,7,10,4,7,9,13, 17,21,6,10,14,17,11	$\psi(I_{\omega} + \psi_I(I_{\omega} + 1))$
1,4,7,10,4,7,9,13,17, 21,6,10,14,17,14,17,11	$\psi(I_\omega+I)$
1,4,7,10,4,7,9,13, 17,21,6,10,14,17,21	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(0))$
1,4,7,10,4,7,9,13,17, 21,6,10,14,17,21,21	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(1))$
1,4,7,10,4,7,9,13,17, 21,6,10,14,17,21,25	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(\Omega_{I+1}))$
1,4,7,10,4,7,9,13, 17,21,6,10,14,18	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}))$
1,4,7,10,4,7,9,13,17,21,6, 10,14,18,10,14,17,22,27,32	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) \cdot 2)$
1,4,7,10,4,7,9,13,17,21,7	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega}) \cdot \omega)$
1,4,7,10,4,7,9,13, 17,21,7,9,13,17,21	$\psi(I_{\omega} + \psi_{\Omega_{I+1}}(I_{\omega})^2)$
1,4,7,10,4,7,9, 13,17,21,12,15	$\psi(I_{\omega} + \Omega_{I+1})$
1,4,7,10,4,7,9, 13,17,21,13,17,20	$\psi(I_{\omega} + \Omega_{\Omega_{I+1}})$
1,4,7,10,4,7,9, 13,17,21,13,17,20,14	$\psi(I_{\omega}+\psi_{I_2}(0))$
1,4,7,10,4,7,9,13, 17,21,13,17,20,25, 30,35,25,30,34,26	$\psi(I_{\omega}+\psi_{I_3}(0))$
1,4,7,10,4,7,10	$\psi(I_\omega \cdot 2)$
1,4,7,10,5	$\psi(I_\omega\cdot\omega)$
1,4,7,10,6	$\psi(I_\omega\cdot\Omega)$
1,4,7,10,6,4,7,9,5	$\psi(I_\omega\cdot\psi_I(0))$
1,4,7,10,6,4, 7,9,13,17,21	$\psi(I_\omega\cdot\psi_I(I_\omega))$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,6,4,	$\psi(I_{\omega}\cdot\psi_I(I_{\omega}\cdot\Omega))$
7,9,13,17,21,16	$\psi(I_{\omega} \cdot \psi I(I_{\omega} \cdot s_{z}))$
1,4,7,10,6,4,7,9,13,17,	$\psi(I_\omega\cdot\psi_I(I_\omega\cdot\psi_I(I_\omega)))$
21,16,4,7,9,13,17,21	$Y (-\omega - YI(-\omega - YI(-\omega)))$
1,4,7,10,6,4,7,	$\psi(I_\omega\cdot I)$
9,13,17,21,16,5	, (
1,4,7,10,6,4,7,9,	$\psi(I_{\omega}\cdot\psi_{\Omega_{I+1}}(0))$
13,17,21,16,12	
1,4,7,10,6,4,7,9,	$\psi(I_\omega\cdot\Omega_{I+1})$
13,17,21,16,12,15	
1,4,7,10,6,4,7,9,	$\psi(I_{\omega}\cdot\Omega_{\Omega_{I+1}})$
13,17,21,16,13,17,20 1,4,7,10,6,4,7,9,13,	
17,21,16,13,17,20,14	$\psi(I_\omega\cdot\psi_{I_2}(0))$
1,4,7,10,6,4,7,9,13,	
17,21,16,13,17,20,25,30,	$\psi(I_\omega\cdot\psi_{I_2}(0))$
35,29,25,30,34,26	Ψ (-ω Ψ13(Θ))
1,4,7,10,6,4,7,10	$\psi(I_\omega^2)$
1,4,7,10,6,4,	$\psi(I_{\omega}^2+I_{\omega})$
7,10,4,7,10	$\psi(I_{\omega}+I_{\omega})$
1,4,7,10,6,4,	$\psi(I_{\omega}^2 \cdot 2)$
7,10,6,4,7,10	$\psi(1_{\omega} + 2)$
1,4,7,10,6,5	$\psi(I_\omega^2\cdot\omega)$
1,4,7,10,6,6	$\psi(I_\omega^2\cdot\Omega)$
1,4,7,10,6,6,4,7,10	$\psi(I^3_\omega)$
1,4,7,10,6,7	$\psi(I_\omega^\omega)$
1,4,7,10,6,8	$\psi(I^\Omega_\omega)$
1,4,7,10,6,8,4,7,10	$\psi(I^{I_\omega}_\omega)$
1,4,7,10,6,9	$\psi(\psi_{\Omega_{I_\omega+1}}(0))$
1,4,1,10,0,9	$\psi((1-)^{1,0} \text{ aft } 1-2 \ 1-2)$
1,4,7,10,6,9,9	$\psi(\psi_{\Omega_{I_{\omega}+1}}(1))$
1,4,7,10,6,9,12	$\psi(\Omega_{I_\omega+1})$
1,4,7,10,6,10	$\psi(\Omega_{I_\omega+\omega})$
1,4,7,10,6,10,14,16,19	$\psi(\Omega_{\psi_{\Omega_{I_{\omega}+1}}(0)})$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,6,10,14,17	$\psi(\psi_{I_{\omega+1}}(0))$
1,4,7,10,6,10, 14,17,14,17,11	$\psi(I_{\omega+1})$
1,4,7,10,6,10,14,18	$\psi(I_{\omega \cdot 2})$
1,4,7,10,7	$\psi(I_{\omega^2})$
1,4,7,10,7,7	$\psi(I_{\omega^3})$
1,4,7,10,7,9	$\psi(I_\Omega)$
1,4,7,10,7,9,4,7,9,5	$\psi(I_{\psi_I(0)})$
1,4,7,10,7,9, 4,7,9,13,17,21	$\psi(I_{\psi_I(I_\omega)})$
1,4,7,10,7,9,4, 7,9,13,17,21,17,19	$\psi(I_{\psi_I(I_\Omega)})$
1,4,7,10,7,9,4,7,9, 13,17,21,17,19,4,7,9, 13,17,21,17,19	$\psi(I_{\psi_I(I_{\psi_I(I_\Omega)})})$
1,4,7,10,7,9,4,7, 9,13,17,21,17,19,5	$\psi(I_I)$
1,4,7,10,7,9,4,7,10	$\psi(I_{I_\omega})$
1,4,7,10,7,9, 4,7,10,7,9	$\psi(I_{I_\Omega})$
1,4,7,10,7,9, 4,7,10,7,9,4,7,10	$\psi(I_{I_{I_{\omega}}})$
1,4,7,10,7,9,5	$\psi(\psi_{I(1,0)}(0))$
1,4,7,10,7,9,5,3	$\psi(\psi_{I(1,0)}(0)+1)$
1,4,7,10,7,9,5,4,7,10	$\psi(\psi_{I(1,0)}(0) + I_{\omega})$
1,4,7,10,7,9, 5,4,7,10,7,9	$\psi(\psi_{I(1,0)}(0) + I_{\Omega})$
1,4,7,10,7,9, 5,4,7,10,7,9,5	$\psi(\psi_{I(1,0)}(0)\cdot 2)$
1,4,7,10,7,9,5,5	$\psi(\psi_{I(1,0)}(0)\cdot\omega)$
1,4,7,10,7,9,6	$\psi(\psi_{I(1,0)}(0)\cdot\Omega)$
1,4,7,10,7,9,6,4,7,10	$\psi(\psi_{I(1,0)}(0)\cdot I_{\omega})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,7,9,	$\psi(\psi_{I(1,0)}(0)^2)$
6,4,7,10,7,9,5	$\psi(\psi_{I(1,0)}(0))$
1,4,7,10,7,9,6,	$\psi(\psi_{I(1,0)}(0)^2 + \psi_{I(1,0)}(0) \cdot \Omega)$
4,7,10,7,9,6	$\psi(\psi I(1,0)(0) + \psi I(1,0)(0) = 22)$
1,4,7,10,7,9,6,4,7,	$\psi(\psi_{I(1,0)}(0)^2 \cdot 2)$
10,7,9,6,4,7,10,7,9,5	, (, 2(250)(, , ,
1,4,7,10,7,9,6,5	$\psi(\psi_{I(1,0)}(0)^2 \cdot \omega)$
1,4,7,10,7,9,6,6	$\psi(\psi_{I(1,0)}(0)^2 \cdot \Omega)$
1,4,7,10,7,9,	$\psi(\psi_{I(1,0)}(0)^3)$
6,6,4,7,10,7,9,5	$\psi(\psi I(1,0)(0)^{-})$
1,4,7,10,7,9,6,	$\psi(\psi_{I(1,0)}(0)^4)$
6,6,4,7,10,7,9,5	7 (71(1,0)(3))
1,4,7,10,7,9,6,7	$\psi(\psi_{I(1,0)}(0)^{\omega})$
1,4,7,10,7,9,6,8	$\psi(\psi_{I(1,0)}(0)^\Omega)$
1,4,7,10,7,9,6,	$\psi(\psi_{I(1,0)}(0)^{\psi_{I(1,0)}(0)})$
8,4,7,10,7,9,5	$\psi(\psi_{I(1,0)}(0))$
1,4,7,10,7,9,6,9	$\psi(\psi_{\Omega_{\psi_{I(1,0)}(0)+1}}(0))$
1,4,7,10,7,9,6,9,9	$\psi(\psi_{\Omega_{\psi_{I(1,0)}(0)+1}}(1))$
1,4,7,10,7,9,6,9,11	$\psi(\psi_{\Omega_{\psi_{I(1,0)}(0)+1}}(\Omega))$
1,4,7,10,7,9,6,9,12	$\psi(\Omega_{\psi_{I(1,0)}(0)+1})$
1,4,7,10,7,9,6,10,	*//(O
14,16,4,7,10,7,9,5	$\psi(\Omega_{\psi_{I(1,0)}(0)\cdot 2})$
1,4,7,10,7,9,6,10,14,17	$\psi(\Omega_{\Omega_{\psi_{I(1,0)}(0)+1}})$
1,4,7,10,7,9,	$\psi(\psi_{I_{\psi_{I(1,0)}(0)+1}}(0))$
6,10,14,17,11	$\forall (\forall I_{\psi_{I(1,0)}(0)+1}(\forall J)$
1,4,7,10,7,9,	$\psi(\psi_{I_{\psi_{I(1,0)}(0)+1}}(\omega))$
6,10,14,17,14	$f = \int_{-1}^{1} \psi_{I(1,0)}(0) + 1 $
1,4,7,10,7,9,	$\psi(I_{\psi_{I(1,0)}(0)+1})$
6,10,14,17,14,17,11	, (\(\psi_1(1,0)(\psi) + \frac{1}{2}\)
1,4,7,10,7,9,	$\psi(\Omega_{I_{\psi_{I(1,0)}(0)+1}+1})$
6,10,14,17,21,25	· •/(1,0)(0)+1·-/
1,4,7,10,7,9,6,	$\psi(\psi_{I_{\psi_{I(1,0)}(0)+2}}(0))$
10,14,17,22,27,31,23	4(4)07 - 7 - 7
1,4,7,10,7,9,6,10,14,18	$\psi(I_{\psi_{I(1,0)}(0)+\omega})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,7,9,6,10,14,	ah(I
18,14,16,4,7,10,7,9,5	$\psi(I_{\psi_{I(1,0)}(0)\cdot 2})$
1,4,7,10,7,9,6,	$y_0(I_0)$
10,14,18,14,17	$\psi(I_{\Omega_{\psi_{I(1,0)}(0)+1}})$
1,4,7,10,7,9,6,	$\psi(\psi_{I(1,0)}(1))$
10,14,18,14,17,11	Ψ (ΨΙ(1,0)(±))
1,4,7,10,7,9,6,10,14,18,	$\psi(\psi_{I(1,0)}(2))$
14,17,13,18,23,27,23,26,19	7 (71(1,0)(-7)
1,4,7,10,7,9,7	$\psi(\psi_{I(1,0)}(\omega))$
1,4,7,10,7,9,7,7	$\psi(\psi_{I(1,0)}(\omega^2))$
1,4,7,10,7,9,7,9	$\psi(\psi_{I(1,0)}(\Omega))$
1,4,7,10,7,9,7,	$\psi(\psi_{I(1,0)}(\psi_{I(1,0)}(\Omega)))$
9,4,7,10,7,9,7,9	$\psi(\psi I(1,0)(\psi I(1,0)(2^{2})))$
1,4,7,10,7,9,7,9,5	$\psi(I(1,0))$
1,4,7,10,7,9,7,9,5	$\psi(2\;1-2\;1-2)$
1,4,7,10,7,9,7,9,	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0)))$
5,4,7,10,7,9,7,9,5	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0)))$
1,4,7,10,7,9,7,9,6	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0)) \cdot \Omega)$
1,4,7,10,7,9,7,9,6,9	$\psi(I(1,0) + \psi_{\Omega_{\psi_{I(1,0)}(I(1,0))+1}}(0))$
1,4,7,10,7,9,	-L(I(1,0) + O
7,9,6,9,12	$\psi(I(1,0) + \Omega_{\psi_{I(1,0)}(I(1,0))+1})$
1,4,7,10,7,9,	$g(I(1,0) + \Omega_0)$
7,9,6,10,14,17	$\psi(I(1,0) + \Omega_{\Omega_{\psi_{I(1,0)}(I(1,0))+1}})$
1,4,7,10,7,9,7,	$\psi(I(1,0) + \psi_{I_{\psi_{I(1,0)}(I(1,0))+1}}(0))$
9,6,10,14,17,11	$\varphi(I(1,0)) + \varphi I_{\psi_{I(1,0)}(I(1,0))+1}(0))$
1,4,7,10,7,9,7,	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))+1})$
9,6,10,14,17,14,17,11	$\gamma (-1, 0) + 2\psi_{I(1,0)}(I(1,0))+1$
1,4,7,10,7,9,7,	$\psi(I(1,0) + I_{\psi_{I(1,0)}(I(1,0))+\omega})$
9,6,10,14,18	$\forall (2,2,2) \mid 2\psi_{I(1,0)}(I(1,0)) + \omega_{J}$
1,4,7,10,7,9,7,	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0) + 1))$
9,6,10,14,18,14,17,11	7 (- (-) 2) 1 71(1,0)(- (-) 2) 1
1,4,7,10,7,9,7,	
9,6,10,14,18,14,17,	$\psi(I(1,0) + \psi_{I(1,0)}(I(1,0) + \psi_{I(1,0)}(I(1,0))))$
14,16,4,7,10,7,9,7,9,5	
1,4,7,10,7,9,7,9,6,10,	$\psi(I(1,0)\cdot 2)$
14,18,14,17,14,17,11	γ (- (-) ~)
· ·	

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,7,9,7,9,7,9	$\psi(I(1,0)\cdot\Omega)$
1,4,7,10,7,9,7,9,7, 9,4,7,10,7,9,7,9,5	$\psi(I(1,0)\cdot\psi_{I(1,0)}(I(1,0)))$
1,4,7,10,7, 9,7,9,7,9,5	$\psi(I(1,0)^2)$
1,4,7,10,7,9,7,9,7,9, 7,9,4,7,10,7,9,7,9,5	$\psi(I(1,0)^2 \cdot \psi_{I(1,0)}(I(1,0)))$
1,4,7,10,7,9, 7,9,7,9,7,9,5	$\psi(I(1,0)^3)$
1,4,7,10,7,9,8	$\psi(I(1,0)^{\omega})$
1,4,7,10,7,9,9,5	$\psi(I(1,0)^{I(1,0)})$
1,4,7,10,7,9,12	$\psi(\psi_{\Omega_{I(1,0)}+1}(0))$
1,4,7,10,7,9,12,15	$\psi(\Omega_{I(1,0)+1})$
1,4,7,10,7,9,13	$\psi(\Omega_{I(1,0)+\omega})$
1,4,7,10,7,9,13,17,19	$\psi(\Omega_{I(1,0)+\Omega})$
1,4,7,10,7,9,13,17, 19,4,7,10,7,9,7,9,5	$\psi(\Omega_{I(1,0)\cdot 2})$
1,4,7,10,7,9,13,17,19,17	$\psi(\Omega_{I(1,0)\cdot\omega})$
1,4,7,10,7,9,13,17,19,22	$\psi(\Omega_{\psi_{\Omega_{I(1,0)+1}}(0)})$
1,4,7,10,7,9,13,17,20	$\psi(\Omega_{\Omega_{I(1,0)+1}})$
1,4,7,10,7,9,13,17,20,14	$\psi(\psi_{I_{I(1,0)+1}}(0))$
1,4,7,10,7,9, 13,17,20,17,20,14	$\psi(I_{I(1,0)+1})$
1,4,7,10,7,9,13,17,21	$\psi(I_{I(1,0)+\omega})$
1,4,7,10,7,9,13,17,21, 17,19,4,7,10,7,9,5	$\psi(I_{I(1,0)+\psi_{I(1,0)}(0)})$
1,4,7,10,7,9,13, 17,21,17,19,5	$\psi(I_{I(1,0)\cdot 2})$
1,4,7,10,7,9,13, 17,21,17,19,17	$\psi(I_{I(1,0)\cdot\omega})$
1,4,7,10,7,9,13, 17,21,17,19,18	$\psi(I_{I(1,0)^\omega})$
1,4,7,10,7,9,13, 17,21,17,19,22	$\psi(I_{\psi_{\Omega_{I(1,0)+1}}(0)})$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,7,9,	(1
13,17,21,17,20	$\psi(I_{\Omega_{I(1,0)+1}})$
1,4,7,10,7,9,13,17,	
21,17,20,13,17,20,14	$\psi(I_{\psi_{I_{I(1,0)+1}}(0)})$
1,4,7,10,7,9,13,17,21,	.l.(I
17,20,13,17,20,17,20,14	$\psi(I_{I_{I(1,0)+1}})$
1,4,7,10,7,9,13,	
17,21,17,20,13,17,21	$\psi(I_{I_{I(1,0)+\omega}})$
1,4,7,10,7,9,13,17,21,17,	$\psi(I_{\tau})$
20,13,17,21,17,19,22	$\psi(I_{I_{\psi_{\Omega_{I(1,0)+1}}(0)}})$
1,4,7,10,7,9,13,17,21,	$\psi(I_{I_{\Omega_{I(1,0)+1}}})$
17,20,13,17,21,17,20	$\psi(I_{\Omega_{I(1,0)+1}})$
1,4,7,10,7,9,13,17,	
21,17,20,13,17,21,17,	$\psi(I_{I_{I_{\Omega_{I(1,0)+1}}}})$
20,13,17,21,17,20	
1,4,7,10,7,9,13,	$\psi(\psi_{I(1,1)}(0))$
17,21,17,20,14	$\psi((1-)^{1,0} \ 2 \ 1-2 \ \text{aft} \ (2 \ 1-)^2 \ 2)$
1,4,7,10,7,9,13,	
17,21,17,20,16,20	$\psi(\psi_{\Omega_{\psi_{I(1,1)}(0)+1}}(0))$
1,4,7,10,7,9,13,17,21,	a/a/a/a
17,20,16,21,26,30,22	$\psi(\psi_{I_{\psi_{I(1,1)}(0)+1}}(0))$
1,4,7,10,7,9,13,17,21,	$\psi(I_{\psi_{I(1,1)}(0)+1})$
17,20,16,21,26,30,26,30,22	$\psi(1\psi_{I(1,1)}(0)+1)$
1,4,7,10,7,9,13,17,	$\psi(I_{\psi_{I(1,1)}(0)+\omega})$
21,17,20,16,21,26,31	$\psi(I\psi_{I(1,1)}(0)+\omega)$
1,4,7,10,7,9,13,17,21,	$\psi(\psi_{I(1.1)}(1))$
17,20,16,21,26,31,26,30,22	$\psi(\psi I(1,1)(1))$
1,4,7,10,7,9,13,	$\psi(\psi_{I(1,1)}(\omega))$
17,21,17,20,17	$\varphi (\varphi I(1,1)(\omega))$
1,4,7,10,7,9,13,	$\psi(\psi_{I(1,1)}(\Omega_{\psi_{I(1,1)}(0)+1}))$
17,21,17,20,17,20	$\tau (\tau I(1,1)(0.5\psi_{I(1,1)}(0)+1))$
1,4,7,10,7,9,13,	$\psi(I(1,1))$
17,21,17,20,17,20,14	Ψ(±(±),±))
1,4,7,10,7,9,	$\psi(\psi_{\Omega_{I(1,1)+1}}(0))$
13,17,21,17,20,24	γ (ΥΔ <i>I</i> (1,1)+1 (Υ))
1,4,7,10,7,9,	$\psi(\Omega_{I(1,1)+\omega})$
13,17,21,17,20,25	$\gamma \setminus (-1(1,1)+\omega)$
1,4,7,10,7,9,13,17,	$\psi(\psi_{I_{I(1,1)+1}}(0))$
21,17,20,25,30,34,26	7 \Y1I(1,1)+1\\(\text{\\overline}\)/

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,7,9,13,17,21,	als(I)
17,20,25,30,34,30,34,26	$\psi(I_{I(1,1)+1})$
1,4,7,10,7,9,13,17,21,	$\psi(I_{\Omega_{I(1,1)+1}})$
17,20,25,30,35,30,34	$\psi({}^{1}\Omega_{I(1,1)+1})$
1,4,7,10,7,9,13,17,21,	$\psi(\psi_{I(1,2)}(0))$
17,20,25,30,35,30,34,26	$\psi(\psi I(1,2)(0))$
1,4,7,10,7,9,13,17,	
21,17,20,25,30,35,	$\psi(I(1,2))$
30,34,30,34,26	
1,4,7,10,7,10	$\psi(I(1,\omega))$
1,4,7,10,7,10,7	$\psi(I(1,\omega^2))$
1,4,7,10,7,10,7,9	$\psi(I(1,\Omega))$
1,4,7,10,7,	$\psi(I(1,\psi_I(0)))$
10,7,9,4,7,9,5	$\psi(I(1,\psi_I(0)))$
1,4,7,10,7,10,7,9,4,	
7,9,13,17,21,17,	$\psi(I(1,I))$
21,17,19,5	
1,4,7,10,7,10,	$\psi(I(1,I_\omega))$
7,9,4,7,10	$\psi(I(1,I_{\omega}))$
1,4,7,10,7,10,	$\psi(I(1,\psi_{I(1,0)}(0)))$
7,9,4,7,10,7,9,5	$\psi(I(1,\psi_{I(1,0)}(0)))$
1,4,7,10,7,10,7,9,4,	
7,10,7,9,13,17,21,	$\psi(I(1,I(1,0)))$
17,21,17,19,5	
1,4,7,10,7,10,7,	$\psi(I(1,I(1,\Omega)))$
9,4,7,10,7,10,7,9	$\psi(I(1,I(1,3L)))$
1,4,7,10,7,10,7,9,5	$\psi(\psi_{I(2,0)}(0))$
1,4,7,10,7,10,7,9,7	$\psi(\psi_{I(2,0)}(\omega))$
1,4,7,10,7,10,7,9,7,9,5	$\psi(I(2,0))$
1,4,7,10,7,10,7,9,12	$\psi(\psi_{\Omega_{I(2,0)+1}}(0))$
1,4,7,10,7,10,7,9,12,15	$\psi(\Omega_{I(2,0)+1})$
1,4,7,10,7,10,	1/1 (0)
7,9,13,17,20,14	$\psi(\psi_{I_{I(2,0)+1}}(0))$
1,4,7,10,7,10,7,	// 7
9,13,17,20,17,20,14	$\psi(I_{I(2,0)+1})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,7,10,7, 9,13,17,21,17,20,14	$\psi(\psi_{I(1,I(2,0)+1)}(0))$
1,4,7,10,7,10,7,9,13, 17,21,17,20,17,20,14	$\psi(I(1,I(2,0)+1))$
1,4,7,10,7,10,7,9,13, 17,21,17,21,17,20,14	$\psi(\psi_{I(2,1)}(0))$
1,4,7,10,7,10,7,9,13, 17,21,17,21,17,20,17,20,14	$\psi(I(2,1))$
1,4,7,10,7,10,7,10	$\psi(I(2,\omega))$
1,4,7,10,7,10,7,10,7,9	$\psi(I(2,\Omega))$
1,4,7,10,7,10,7,10,7, 9,4,7,10,7,10,7,9,5	$\psi(I(2,\psi_{I(2,0)}(0)))$
1,4,7,10,7,10,7,10, 7,9,4,7,10,7,10,7,9,13, 17,21,17,21,17,21,17,19,5	$\psi(I(2,I(2,0)))$
1,4,7,10,7,10, 7,10,7,9,5	$\psi(\psi_{I(3,0)}(0))$
1,4,7,10,7,10,7,10,7,10	$\psi(I(3,\omega))$
1,4,7,10,7,10, 7,10,7,10,7,10	$\psi(I(4,\omega))$
1,4,7,10,8	$\psi(I(\omega,0))$
1,4,7,10,8,3	$\psi(I(\omega,0)+1)$
1,4,7,10,8,4,7,10,8	$\psi(I(\omega,0)\cdot 2)$
1,4,7,10,8,6	$\psi(I(\omega,0)\cdot\Omega)$
1,4,7,10,8,6,9	$\psi(\psi_{\Omega_{I(\omega,0)+1}}(0))$
1,4,7,10,8,6,10,14,17,11	$\psi(\psi_{I_{I(\omega,0)+1}}(0))$
1,4,7,10,8,6,10,14,18	$\psi(I_{I(\omega,0)+\omega})$
1,4,7,10,8,6,10, 14,18,14,17,14,17,11	$\psi(I(1,I(\omega,0)+1))$
1,4,7,10,8,6,10, 14,18,14,18,14,17,11	$\psi(I(2,I(\omega,0)+1))$
1,4,7,10,8,6,10,14,18,15	$\psi(I(\omega,1))$
1,4,7,10,8,6,10,14, 18,15,13,18,23,28,24	$\psi(I(\omega,2))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,8,7	$\psi(I(\omega,\omega))$
1,4,7,10,8,7,9	$\psi(I(\omega,\Omega))$
1,4,7,10,8, 7,9,4,7,10,8	$\psi(I(\omega,I(\omega,0)))$
1,4,7,10,8,7,9,5	$\psi(\psi_{I(\omega+1,0)}(0))$
1,4,7,10,8,7,9,7,9,5	$\psi(I(\omega+1,0))$ $\psi(\text{real.}(2\ 1-)^{\omega}\ 2)$
1,4,7,10,8,7,10	$\psi(I(\omega+1,\omega))$
1,4,7,10,8,7, 10,7,9,7,9,5	$\psi(I(\omega+2,0))$
1,4,7,10,8,7,10,8	$\psi(I(\omega\cdot 2,0))$
1,4,7,10,8,8	$\psi(I(\omega^2,0))$
1,4,7,10,8,9	$\psi(I(\omega^\omega,0))$
1,4,7,10,9	$\psi(I(\Omega,0))$
1,4,7,10,9,4, 7,9,13,17,21,19,5	$\psi(I(I,0))$
1,4,7,10,9,4,7,10,9	$\psi(I(I(\Omega,0),0))$
1,4,7,10,9,5	$\psi(\psi_{I(1,0,0)}(0))$ $\psi((2\ 1-)^{1,0}\ 2)$ $\psi(\psi_{\psi_{M}(M^{M})}(0))$ TBO
1,4,7,10,9,6	$\psi(\psi_{I(1,0,0)}(0)\cdot\Omega)$
1,4,7,10,9,6,9	$\psi(\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0))$
1,4,7,10,9,6,9,12	$\psi(\Omega_{\psi_{I(1,0,0)}(0)+1})$
1,4,7,10,9,6,10,14,17,11	$\psi(\psi_{I_{I(1,0,0)+1}}(0))$
1,4,7,10,9,6,10, 14,18,14,17,14,17,11	$\psi(I(1,\psi_{I(1,0,0)}(0)+1))$
1,4,7,10,9,6,10,14,18,15	$\psi(I(\omega, \psi_{I(1,0,0)}(0)+1))$
1,4,7,10,9,6,10,14,18,16	$\psi(I(\Omega, \psi_{I(1,0,0)}(0)+1))$
1,4,7,10,9,6,10, 14,18,16,4,7,10,9,5	$\psi(I(\psi_{I(1,0,0)}(0),1))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,6,10,	, ,
14,18,16,4,7,10,9,6	$\psi(I(\psi_{I(1,0,0)}(0),1) + \psi_{I(1,0,0)}(0) \cdot \Omega)$
1,4,7,10,9,6,10,	(0) 1) - (0)
14,18,16,4,7,10,9,6,9	$\psi(I(\psi_{I(1,0,0)}(0),1) + \psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0))$
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),1)+$
14,18,16,4,7,10,9,6,10,	
14,18,16,4,7,10,9,5	$\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(I(\psi_{I(1,0,0)}(0),1)))$
1,4,7,10,9,6,	$\psi(I(\psi_{I(1,0,0)}(0),1)+$
10,14,18,16,6	$\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(I(\psi_{I(1,0,0)}(0),1))\cdot\Omega)$
1,4,7,10,9,6,	$\psi(I(\psi_{I(1,0,0)}(0),1)+$
10,14,18,16,9	$\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(I(\psi_{I(1,0,0)}(0),1)+1))$
1,4,7,10,9,6,	
10,14,18,16,9,12	$\psi(I(\psi_{I(1,0,0)}(0),1) + \Omega_{\psi_{I(1,0,0)}(0)+1})$
1,4,7,10,9,6,	$\psi(I(\psi_{I(1,0,0)}(0),1) + \Omega_{\psi_{I(1,0,0)}(0)+\omega})$
10,14,18,16,10	$\psi(I(\psi_{I(1,0,0)}(0),1) + 2\iota_{\psi_{I(1,0,0)}(0)+\omega})$
1,4,7,10,9,6,10,14,18,	$\psi(I(\psi_{I(1,0,0)}(0),1) + I_{\psi_{I(1,0,0)}(0)+1})$
16,10,14,17,14,17,11	$\psi(I(\psi_{I(1,0,0)}(0),1) + I\psi_{I(1,0,0)}(0)+1)$
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),1) + I_{\psi_{I(1,0,0)}(0)+\omega})$
14,18,16,10,14,18	$\psi(I(\psi_{I(1,0,0)}(0), I) + I\psi_{I(1,0,0)}(0) + \omega)$
1,4,7,10,9,6,10,14,18,	$\psi(I(\psi_{I(1,0,0)}(0),1) + I(1,\psi_{I(1,0,0)}(0)+1))$
16,10,14,18,14,17,14,17,11	7 (- (+1(1,0,0)(-), -)
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),1) + I(\omega,\psi_{I(1,0,0)}(0)+1))$
14,18,16,10,14,18,15	(12(2)0,0)(7)
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),1) + I(\Omega,\psi_{I(1,0,0)}(0)+1))$
14,18,16,10,14,18,16	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1,4,7,10,9,6,10,14,18,	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot 2)$
16,10,14,18,16,4,7,10,9,5	
1,4,7,10,9,6, 10,14,18,16,11	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\omega)$
1,4,7,10,9,6,	
10,14,18,16,12	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\Omega)$
1,4,7,10,9,6,10,14,	
18,16,12,4,7,10,9,5	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\psi_{I(1,0,0)}(0))$
1,4,7,10,9,6,10,	
14,18,16,12,10,14,	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\psi_{I(1,0,0)}(0)+I(\psi_{I(1,0,0)}(0),1))$
18,16,4,7,10,9,5	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1,4,7,10,9,6,10,	
14,18,16,12,10,14,18,	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\psi_{I(1,0,0)}(0)\cdot 2)$
16,12,4,7,10,9,5	

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,6,10,14,18,	(1/1/ (0) 1) / (0) ²)
16,12,12,4,7,10,9,5	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\psi_{I(1,0,0)}(0)^2)$
1,4,7,10,9,6,10,	$a/a(I(a), \dots, (0), 1), a/a \qquad (0)$
14,18,16,12,15	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0))$
1,4,7,10,9,6,10,14,	
18,16,12,16,20,24	$\psi(I(\psi_{I(1,0,0)}(0),1)\cdot I_{\psi_{I(1,0,0)}(0)+\omega})$
1,4,7,10,9,6,10,14,18,16,	$\psi(I(\psi_{I(1,0,0)}(0),1)^2)$
12,16,20,24,22,4,7,10,9,5	$\psi(I(\psi I(1,0,0)(0),1))$
1,4,7,10,9,6,10,14,	
18,16,12,16,20,24,22,14,18,16,	$\psi(I(\psi_{I(1,0,0)}(0),1)^3)$
12,16,20,24,22,4,7,10,9,5	
1,4,7,10,9,6,	$\psi(\psi_{\Omega_{I(\psi_{I(1,0,0)}(0),1)+1}}(0))$
10,14,18,16,13	$\psi(\psi \Omega_{I(\psi_{I(1,0,0)}(0),1)+1}(0))$
1,4,7,10,9,6,10,	$\psi(\Omega_{I(\psi_{I(1,0,0)}(0),1)+\omega})$
14,18,16,13,18	$\psi({}^{2}I(\psi_{I(1,0,0)}(0),1)+\omega)$
1,4,7,10,9,6,10,	$\psi(I_{I(\psi_{I(1,0,0)}(0),1)+\omega})$
14,18,16,13,18,23,28	$\psi(II(\psi_{I(1,0,0)}(0),1)+\omega)$
1,4,7,10,9,6,10,14,	
18,16,13,18,23,28,	$\psi(I(1, I(\psi_{I(1,0,0)}(0), 1) + 1))$
23,27,23,27,14	
1,4,7,10,9,6,10,14,	$\psi(I(\omega, I(\psi_{I(1.0.0)}(0), 1) + 1))$
18,16,13,18,23,28,24	$\varphi(\Gamma(\omega,\Gamma(\varphi_{I(1,0,0)}(\vee),\Gamma)+\Gamma))$
1,4,7,10,9,6,10,14,	$\psi(I(\Omega, I(\psi_{I(1.0.0)}(0), 1) + 1))$
18,16,13,18,23,28,25	$\varphi(1(uz, 1(\varphi_{I(1,0,0)}(0), 1) + 1))$
1,4,7,10,9,6,10,14,	
18,16,13,18,23,28,	$\psi(I(I(\omega,0),I(\psi_{I(1,0,0)}(0),1)+1))$
25,4,7,10,8	
1,4,7,10,9,6,10,14,	
18,16,13,18,23,28,25,	$\psi(I(\psi_{I(1,0,0)}(0),2))$
4,7,10,9,5	
1,4,7,10,9,6,10,	
14,18,16,13,18,23,28,25,22,	$\psi(I(\psi_{I(1,0,0)}(0),3))$
28,34,40,36,4,7,10,9,5	
1,4,7,10,9,6,	$\psi(I(\psi_{I(1,0,0)}(0),\omega))$
10,14,18,16,14	γ (* (γ1(1,0,0)(∨), ~))
1,4,7,10,9,6,	$\psi(I(\psi_{I(1,0,0)}(0),\omega^2))$
10,14,18,16,14,14	γ (~ (γ1(1,0,0)(~), ~))
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),\Omega))$
14,18,16,14,16	Υ (* (Υ1(1,0,0)(°), °°))

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,6,10,14,18,	(0)
16,14,16,4,7,10,9,5	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)))$
1,4,7,10,9,6,10,	sh(I(sh, (0) sh, (0) + sh))
14,18,16,14,16,14	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)+\omega))$
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)+\Omega))$
14,18,16,14,16,14,16	$\psi(I(\psi I(1,0,0)(0),\psi I(1,0,0)(0)+22))$
1,4,7,10,9,6,10,14,	
18,16,14,16,14,16,	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)\cdot 2))$
4,7,10,9,5	
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)\cdot\omega))$
14,18,16,14,16,15	7 (- (71(1,0,0)(-)), 71(1,0,0)(-),
1,4,7,10,9,6,10,14,18,	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)^2))$
16,14,16,16,4,7,10,9,5	, ((,1(1,0,0) (), ,1(1,0,0) (), /)
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)^{\omega}))$
14,18,16,14,16,17	((((((((((((((((((((
1,4,7,10,9,6,10,14,18,	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I(1,0,0)}(0)^{\psi_{I(1,0,0)}(0)}))$
16,14,16,18,4,7,10,9,5	
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0)))$
14,18,16,14,16,19	1(1,0,0)
1,4,7,10,9,6,10,	$\psi(I(\psi_{I(1,0,0)}(0),\Omega_{\psi_{I(1,0,0)}(0)+1}))$
14,18,16,14,17	
1,4,7,10,9,6,10,14,18, 16,14,17,10,14,17,11	$\psi(I(\psi_{I(1,0,0)}(0),\psi_{I_{\psi_{I(1,0,0)}(0)+1}}(0)))$
1,4,7,10,9,6,10,14,18,	· · · · · · · · · · · · · · · · · · ·
16,14,17,10,14,18,	$\psi(I(\psi_{I(1,0,0)}(0),I(1,\psi_{I(1,0,0)}(0)+1)))$
14,17,14,17,11	$\psi(I(\psi I(1,0,0)(0),I(1,\psi I(1,0,0)(0)+1)))$
1,4,7,10,9,6,10,14,	
18,16,14,17,10,14,	$\psi(I(\psi_{I(1,0,0)}(0),I(\psi_{I(1,0,0)}(0),1)))$
18,16,4,7,10,9,5	γ (~ (γ1(1,0,0)(~)) ~ (γ1(1,0,0)(~)) ~)))
1,4,7,10,9,6,10,	
14,18,16,14,17,11	$\psi(\psi_{I(\psi_{I(1,0,0)}(0)+1,0)}(0))$
1,4,7,10,9,6,10,14,	1777
18,16,14,17,14,17,11	$\psi(I(\psi_{I(1,0,0)}(0)+1,0))$
1,4,7,10,9,6,10,14,	
18,16,14,17,14,17,11,10,	$\psi(I(\psi_{I(1,0,0)}(0)+1,0)\cdot 2)$
14,18,16,14,17,14,17,11	
1,4,7,10,9,6,10,14,	$\psi(\psi_{\Omega_{I(\psi_{I(1,0,0)}(0)+1,0)}+1}(0))$
18,16,14,17,14,17,13	

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,6,10,	<u> </u>
14,18,16,14,17,14,17,13,	$\psi(I(\psi_{I(1,0,0)}(0),I(\psi_{I(1,0,0)}(0)+1,0)+1))$
18,23,28,25,4,7,10,9,5	/ (/ I(1,0,0) (- / / / / / / / / / / / / / / / / / /
1,4,7,10,9,6,10,14,	
18,16,14,17,14,17,13,	$\psi(\psi_{I(\psi_{I(1,0,0)}(0)+1,1)}(0))$
18,23,28,25,23,26,19	· (· · (· I (1,0,0) (· · · · · · · / · / · / · / · · · · ·
1,4,7,10,9,6,10,14,	(174)
18,16,14,17,14,17,14	$\psi(I(\psi_{I(1,0,0)}(0)+1,\omega))$
1,4,7,10,9,6,10,	
14,18,16,14,17,14,17,	$\psi(I(\psi_{I(1,0,0)}(0)+1,\psi_{I(1,0,0)}(0)))$
14,16,4,7,10,9,5	, , , , , , , , , , , , , , , , , , ,
1,4,7,10,9,6,10,14,18,	
16,14,17,14,17,14,16,10,14,	$\psi(I(\psi_{I(1,0,0)}(0)+1,I(\psi_{I(1,0,0)}(0)+1,\Omega)))$
18,16,14,17,14,17,14,16	
1,4,7,10,9,6,10,14,18,	ah(ah (0))
16,14,17,14,17,14,17,11	$\psi(\psi_{I(\psi_{I(1,0,0)}(0)+2,0)}(0))$
1,4,7,10,9,6,10,	
14,18,16,14,17,15	$\psi(I(\psi_{I(1,0,0)}(0) + \omega, 0))$
1,4,7,10,9,6,10,	$ab(I(a), \dots, (0) + O(0))$
14,18,16,14,17,16	$\psi(I(\psi_{I(1,0,0)}(0) + \Omega, 0))$
1,4,7,10,9,6,10,14,18,	$\psi(I(\psi_{I(1,0,0)}(0)\cdot 2,0))$
16,14,17,16,4,7,10,9,5	$\psi(I(\psi I_{(1,0,0)}(0)\cdot Z,0))$
1,4,7,10,9,6,	$\psi(I(\psi_{I(1,0,0)}(0)\cdot\omega,0))$
10,14,18,16,15	$\psi(I(\psi_{I(1,0,0)}(0),\omega,0))$
1,4,7,10,9,6,10,14,	$\psi(I(\psi_{I(1,0,0)}(0)^2,0))$
18,16,16,4,7,10,9,5	$\psi(I(\psi_{I(1,0,0)}(0)^{-},0))$
1,4,7,10,9,6,	$\psi(I(\psi_{\Omega_{\psi_{I(1,0,0)}(0)+1}}(0),0))$
10,14,18,16,19	φ (2 (φ $\Omega_{\psi_{I(1,0,0)}(0)+1}$ (\mathcal{O}), \mathcal{O}))
1,4,7,10,9,6,10,14,18,17	$\psi(I(\Omega_{\psi_{I(1,0,0)}(0)+1},0))$
1,4,7,10,9,6,10,	
14,18,17,10,14,17,11	$\psi(I(\psi_{I_{\psi_{I(1,0,0)}(0)+1}}(0),0))$
1,4,7,10,9,6,10,14,18,	ab(I(I(1 ab,, (0) + 1), 0))
17,10,14,18,14,17,14,17,11	$\psi(I(I(1,\psi_{I(1,0,0)}(0)+1),0))$
1,4,7,10,9,6,10,14,18,	$\psi(I(I(\psi_{I(1,0,0)}(0),1),0))$
17,10,14,18,16,4,7,10,9,5	$\psi(I(I(\Psi I(1,0,0)(\mathbf{U}),1),\mathbf{U}))$
1,4,7,10,9,6,10,14,	
18,17,10,14,18,16,	$\psi(I(I(\psi_{I(1,0,0)}(0)+1,0),0))$
14,17,14,17,11	
1,4,7,10,9,6,	$\psi(\psi_{I(1,0,0)}(1))$
10,14,18,17,11	Ψ(ΨI(1,0,0)(±))

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,6,10,14, 18,17,13,18,23,28,14	$\psi(\psi_{I(1,0,0)}(2))$
1,4,7,10,9,7	$\psi(\psi_{I(1,0,0)}(\omega))$
1,4,7,10,9,7,9	$\psi(\psi_{I(1,0,0)}(\Omega))$
1,4,7,10,9,7, 9,4,7,10,9,7,9	$\psi(\psi_{I(1,0,0)}(\psi_{I(1,0,0)}(\Omega)))$
1,4,7,10,9,7,9,5	$\psi(I(1,0,0))$
1,4,7,10,9,7,9,5,3	$\psi(I(1,0,0)+1)$
1,4,7,10,9,7,9, 5,4,7,10,7,9,7,9,5	$\psi(I(1,0,0) + I(1,0))$
1,4,7,10,9,7,9, 5,4,7,10,9,7,9,5	$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0)))$
1,4,7,10,9,7,9,6	$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0)) \cdot \Omega)$
1,4,7,10,9,7,9,6,9	$\psi(I(1,0,0) + \psi_{\Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1}}(0))$
1,4,7,10,9,7,9,6,9,12	$\psi(I(1,0,0) + \Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1})$
1,4,7,10,9,7, 9,6,10,14,17,11	$\psi(I(1,0,0) + \psi_{I_{\psi_{I(1,0,0)}(I(1,0,0))+1}}(0))$
1,4,7,10,9,7,9,6,10, 14,18,14,17,14,17,11	$\psi(I(1,0,0) + I(1,\psi_{I(1,0,0)}(I(1,0,0)) + 1))$
1,4,7,10,9,7, 9,6,10,14,18,15	$\psi(I(1,0,0) + I(\omega,\psi_{I(1,0,0)}(I(1,0,0)) + 1))$
1,4,7,10,9,7,9,6,10,14, 18,16,4,7,10,9,7,9,5	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)),1))$
1,4,7,10,9,7,9,6,10, 14,18,16,10,14,18, 16,4,7,10,9,5	$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)),1) \cdot 2)$
1,4,7,10,9,7,9, 6,10,14,18,16,13	$\psi(I(1,0,0) + \psi_{\Omega_{I(\psi_{I(1,0,0)}(I(1,0,0)),1)+1}}(0))$
1,4,7,10,9,7,9,6,10, 14,18,16,13,18,23,28	$\psi(I(1,0,0) + I_{I(\psi_{I(1,0,0)}(I(1,0,0)),1)+\omega})$
1,4,7,10,9,7,9, 6,10,14,18,16,13,18, 23,28,23,27,23,27,14	$\psi(I(1,0,0) + I(1,I(\psi_{I(1,0,0)}(I(1,0,0)),1) + 1))$
1,4,7,10,9,7,9,6,10, 14,18,16,13,18,23,28,24	$\psi(I(1,0,0) + I(\omega, I(\psi_{I(1,0,0)}(I(1,0,0)), 1) + 1))$

MOCF/反射 OCF/稳定 OCF
$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)), 2))$
$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)),\omega))$
$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)),\omega))$
$\psi(I(1,0,0)+$
$I(\psi_{I(1,0,0)}(I(1,0,0)),\psi_{I(1,0,0)}(I(1,0,0))))$
$\psi(I(1,0,0)+$
$I(\psi_{I(1,0,0)}(I(1,0,0)),\psi_{\Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1}}(0)))$
$\psi(I(1,0,0)+$
$I(\psi_{I(1,0,0)}(I(1,0,0)), \Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1}))$
$\psi(I(1,0,0) + I(\psi_{I(1,0,0)})$
$(I(1,0,0)), I(1,\psi_{I(1,0,0)}(I(1,0,0))+1)))$
$\psi(I(1,0,0) + I(\psi_{I(1,0,0)})$
$(I(1,0,0)), I(\Omega, \psi_{I(1,0,0)}(I(1,0,0)) + 1)))$
$\psi(I(1,0,0)+$
$I(\psi_{I(1,0,0)}(I(1,0,0)),I(\psi_{I(1,0,0)}(I(1,0,0)),1)))$
$\psi(I(1,0,0) + \psi_{I(\psi_{I(1,0,0)}(I(1,0,0))+1,0)}(0))$
$\psi(I(1,0,0) + \psi I(\psi_{I(1,0,0)}(I(1,0,0))+1,0)(0))$
$\psi(I(1,0,0) + I(\psi_{I(1,0,0)}(I(1,0,0)) + \omega, 0))$
$\varphi(z(1,0,0) + z(\varphi_1(1,0,0)(z(1,0,0)) + \omega,0))$
$\psi(I(1,0,0) + I(\Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1},0))$
$\tau \leftarrow (-\tau, \tau, \tau) + \tau \leftarrow (-\tau \psi_{I(1,0,0)}(I(1,0,0))+1, \tau))$
$\psi(I(1,0,0) + I(I(\omega,\psi_{I(1,0,0)}(I(1,0,0)) + 1),0))$
((((((((((((((((((((
$\psi(I(1,0,0) + I(I(\Omega_{\psi_{I(1,0,0)}(I(1,0,0))+1},0),0))$
$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0) + 1))$
$\psi(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0) + \omega))$
$\psi(I(1,0,0)+$
$\psi_{I(1,0,0)}(I(1,0,0) + \psi_{I(1,0,0)}(I(1,0,0))))$
$\psi(I(1,0,0)\cdot 2)$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,7,9,7	$\psi(I(1,0,0)\cdot\omega)$
1,4,7,10,9,7,9,7,7	$\psi(I(1,0,0)\cdot\omega^2)$
1,4,7,10,9,7,9, 7,9,4,7,10,9,7,9,5	$\psi(I(1,0,0)\cdot\psi_{I(1,0,0)}(I(1,0,0)))$
1,4,7,10,9,7,9,7,9,5	$\psi(I(1,0,0)^2)$
1,4,7,10,9,7,9,8	$\psi(I(1,0,0)^{\omega})$
1,4,7,10,9,7,9,12	$\psi(\psi_{\Omega_{I(1,0,0)+1}}(0))$
1,4,7,10,9,7,9,12,15	$\psi(\Omega_{I(1,0,0)+1})$
1,4,7,10,9,7, 9,13,17,20,14	$\psi(\psi_{I_{I(1,0,0)+1}}(0))$
1,4,7,10,9,7,9,13,17,21	$\psi(I_{I(1,0,0)+\omega})$
1,4,7,10,9,7,9,13, 17,21,17,20,17,20,14	$\psi(I(1, I(1, 0, 0) + 1))$
1,4,7,10,9,7, 9,13,17,21,18	$\psi(I(\omega,I(1,0,0)+1))$
1,4,7,10,9,7,9,13,17, 21,19,4,7,10,9,7,9,5	$\psi(I(\psi_{I(1,0,0)}(I(1,0,0)),I(1,0,0)+1))$
1,4,7,10,9,7,9,13, 17,21,19,4,7,10,9,7,9, 13,17,21,17,20,17,20,14	$\psi(I(I(1,I(1,0,0)+1),I(1,0,0)+1))$
1,4,7,10,9,7,9,13, 17,21,19,4,7,10,9, 7,9,13,17,21,19	$\psi(I(\psi_{I(1,0,0)}(I(\Omega,I(1,0,0)+1)),I(1,0,0)+1))$
1,4,7,10,9,7, 9,13,17,21,19,5	$\psi(I(I(1,0,0),1))$
1,4,7,10,9,7,9, 13,17,21,19,5,4,7,10, 9,7,9,13,17,21,19,5	$\psi(I(I(1,0,0),1) + \psi_{I(1,0,0)}(I(I(1,0,0),1)))$
1,4,7,10,9,7,9, 13,17,21,19,6	$\psi(I(I(1,0,0),1) + \psi_{I(1,0,0)}(I(I(1,0,0),1)) \cdot \Omega)$
1,4,7,10,9,7,9, 13,17,21,19,6,9	$\psi(I(I(1,0,0),1) + \psi_{\Omega_{\psi_{I(1,0,0)}(I(I(1,0,0),1))+1}}(0))$
1,4,7,10,9,7,9,13, 17,21,19,6,10,14,18	$\psi(I(I(1,0,0),1) + I_{I(I(1,0,0),1)+\omega})$
1,4,7,10,9,7,9,13,17,21, 19,6,10,14,18,17,11	$\psi(I(I(1,0,0),1) + \psi_{I(1,0,0)}(I(I(1,0,0),1) + 1))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,7,9,13,17,21,	<u> </u>
19,6,10,14,18,17,14,17,11	$\psi(I(I(1,0,0),1) + I(1,0,0))$
1,4,7,10,9,7,9,	
13,17,21,19,6,10,14,18,	$\psi(I(I(1,0,0),1)\cdot 2)$
17,14,17,22,27,32,30,11	
1,4,7,10,9,7,	// [/ [/ [/ [/ [/ [/ [/ [/ [/ [/ [/ [/ [
9,13,17,21,19,7	$\psi(I(I(1,0,0),1)\cdot\omega)$
1,4,7,10,9,7,9,	J.(I(I(1 0 0) 1) I(1 0 0))
13,17,21,19,7,9,5	$\psi(I(I(1,0,0),1) \cdot I(1,0,0))$
1,4,7,10,9,7,9,13,17,21,	J.(I(I(1,0,0),1)2)
19,7,9,13,17,21,19,5	$\psi(I(I(1,0,0),1)^2)$
1,4,7,10,9,7,9,	$\psi(I(I(1,0,0),1)^{\omega})$
13,17,21,19,8	$\psi(I(I(1,0,0),1))$
1,4,7,10,9,7,9,	
13,17,21,19,12	$\psi(\psi_{\Omega_{I(I(1,0,0),1)+1}}(0))$
1,4,7,10,9,7,9,	$\psi(\Omega_{I(I(1,0,0),1)+1})$
13,17,21,19,12,15	$\psi(^{32}I(I(1,0,0),1)+1)$
1,4,7,10,9,7,9,13,	$\psi(\psi_{I_{I(I(1,0,0),1)+1}}(0))$
17,21,19,13,17,20,14	$\psi(\psi I_{I(I(1,0,0),1)+1}(0))$
1,4,7,10,9,7,9,	$\psi(I_{I(I(1,0,0),1)+\omega})$
13,17,21,19,13,17,21	$\psi(^{2}I(I(1,0,0),1)+\omega)$
1,4,7,10,9,7,9,13,17,	
21,19,13,17,21,17,	$\psi(I(1, I(I(1, 0, 0), 1) + 1))$
19,17,19,5	
1,4,7,10,9,7,9,13,	$\psi(I(\Omega, I(I(1,0,0),1)+1))$
17,21,19,13,17,21,19	γ(1(-1) , 2(1(-1, 0, 0)), 2) 1 2))
1,4,7,10,9,7,9,	
13,17,21,19,13,17,21,19,4,7,	$\psi(I(\psi_{I(1,0,0)}(I(\Omega,I(I(1,0,0),1)+1)),$
10,9,7,9,13,17,	I(I(1,0,0),1)+1))
21,19,13,17,21,19	
1,4,7,10,9,7,9,13,17,	$\psi(I(I(1,0,0),2))$
21,19,13,17,21,19,5	, , , , , , , , , , , , , , , , , , , ,
1,4,7,10,9,7,9,	$\psi(I(I(1,0,0),\omega))$
13,17,21,19,14	
1,4,7,10,9,7,9,	$\psi(I(I(1,0,0),\Omega))$
13,17,21,19,15	
1,4,7,10,9,7,9,	$\psi(\psi_{I(I(1,0,0)+1,0)}(0))$
13,17,21,19,15,5	
1,4,7,10,9,7,9,	$\psi(\psi_{I(I(1,0,0)+1,0)}(\omega))$
13,17,21,19,17	, (71(1(1,0,0)+1,0)(**))

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,7,9, 13,17,21,19,17,19,5	$\psi(I(I(1,0,0)+1,0))$
1,4,7,10,9,7,9,13, 17,21,19,17,21,17,19,5	$\psi(I(I(1,0,0)+2,0))$
1,4,7,10,9,7,9, 13,17,21,19,17,21,18	$\psi(I(I(1,0,0)+\omega,0))$
1,4,7,10,9,7,9, 13,17,21,19,17,21,19,5	$\psi(I(I(1,0,0)\cdot 2,0))$
1,4,7,10,9,7,9, 13,17,21,19,19,5	$\psi(I(I(1,0,0)^2,0))$
1,4,7,10,9,7,9, 13,17,21,19,22	$\psi(I(\psi_{\Omega_{I(1,0,0)+1}}(0),1))$
1,4,7,10,9,7, 9,13,17,21,20	$\psi(I(\Omega_{I(1,0,0)+1},0))$
1,4,7,10,9,7,9,13, 17,21,20,13,17,21,20	$\psi(I(I(\Omega_{I(1,0,0)+1},0),0))$
1,4,7,10,9,7, 9,13,17,21,20,14	$\psi(\psi_{I(1,0,1)}(0))$
1,4,7,10,9,7,9,13,17, 21,20,17,20,25,30,35,34,26	$\psi(\psi_{I(1,0,2)}(0))$
1,4,7,10,9,7,10	$\psi(I(1,0,\omega))$
1,4,7,10,9,7,10,7,9,5	$\psi(\psi_{I(1,1,0)}(0))$
1,4,7,10,9, 7,10,7,9,7,9,5	$\psi(I(1,1,0))$
1,4,7,10,9,7,10,7,10	$\psi(I(1,1,\omega))$
1,4,7,10,9,7,10,8	$\psi(I(1,\omega,0))$
1,4,7,10,9,7,10,9	$\psi(I(1,\Omega,0))$
1,4,7,10,9,7,10,9,5	$\psi(\psi_{I(2,0,0)}(0))$
1,4,7,10,9, 7,10,9,7,9,5	$\psi(I(2,0,0))$
1,4,7,10,9,7,10,9,7, 9,13,17,21,20,17,21,20,14	$\psi(\psi_{I(2,0,1)}(0))$
1,4,7,10,9,7,10,9,7,10	$\psi(I(2,0,\omega))$
1,4,7,10,9,7, 10,9,7,10,7,10	$\psi(I(2,1,\omega))$
1,4,7,10,9,7, 10,9,7,10,8	$\psi(I(2,\omega,0))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,7,	$\psi(I(2,\Omega,0))$
10,9,7,10,9	
1,4,7,10,9,7, 10,9,7,10,9,7,9,5	$\psi(I(3,0,0))$
1,4,7,10,9,8	$\psi(I(\omega,0,0))$
1,4,7,10,9,9	$\psi(I(\Omega,0,0))$
1,4,7,10,9,9,7,9,5	$\psi(I(1,0,0,0))$
1,4,7,10,9,9,7,10	$\psi(I(1,0,0,\omega))$
1,4,7,10,9,9, 7,10,7,9,5	$\psi(I(1,0,1,0))$
1,4,7,10,9,9,7,10,8	$\psi(I(1,0,\omega,0))$
1,4,7,10,9, 9,7,10,9,7,9,5	$\psi(I(1,1,0,0))$
1,4,7,10,9,9, 7,10,9,9,7,9,5	$\psi(I(2,0,0,0))$
1,4,7,10,9,9,8	$\psi(I(\omega,0,0,0))$
1,4,7,10,9,9,9	$\psi(I(\Omega,0,0,0))$
1,4,7,10,9,9,9,7,9,5	$\psi(I(1,0,0,0,0))$
1,4,7,10,9, 9,9,9,7,9,5	$\psi(I(1,0,0,0,0,0))$
1,4,7,10,9,10	$\psi(I(1@\omega)) \ \psi(M^{M^\omega})$
1,4,7,10,9,10,7	$\psi(I(1@\omega, \omega@0))$ $\psi(M^{M^{\omega}} \cdot \omega)$
1,4,7,10,9,10,7,9,5	$\psi(\psi_{I(1@\omega,1@1)}(0))$
1,4,7,10,9,10,7,10	$\psi(I(1@\omega,1@1,\omega@0))$
1,4,7,10,9,10,7,10,9,10	$\psi(I(2@\omega))$
1,4,7,10,9,10,9	$\psi(I(\Omega@\omega))$
1,4,7,10,9,10,9,7,9,5	$\psi(I(1@\omega+1))$
1,4,7,10,9,11	$\psi(I(1@\Omega))$
1,4,7,10,9,11,5	$\psi(\psi_{I(1@(1,0))}(0)) \ \psi(M^{M^{\psi_{M}(M^{M^{M}})}})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,11,7,9,5	$\psi(I(1@(1,0)))$
	$\psi(M^{M^M})$
1.4.7.10.0.11.7.10	$\psi(I(1@(1,0),\omega@0))$
1,4,7,10,9,11,7,10	$\psi(M^{M^M}\cdot\omega)$
1,4,7,10,9,	$\psi(\psi_{I(1@(1,0),1@1)}(0))$
11,7,10,7,9,5	$\psi(M^{M^M} \cdot \psi_{\psi_M(M^{M^M+1})}(0))$
1,4,7,10,9,11,	$\psi(I(1@(1,0),1@1))$
7,10,7,9,7,9,5	$\psi(M^{M^M+1})$
1.4.5.10.0.11.5.10.0	$\psi(I(1@(1,0),\omega@1))$
1,4,7,10,9,11,7,10,8	$\psi(M^{M^M+\omega})$
1 47 10 0 11 7 10 0 10	$\psi(I(1@(1,0),1@\omega))$
1,4,7,10,9,11,7,10,9,10	$\psi(M^{M^M+M^\omega})$
1.47.10.0.11.7.10.0.11	$\psi(I(1@(1,0),1@\Omega))$
1,4,7,10,9,11,7,10,9,11	$\psi(M^{M^M+M^\Omega})$
1,4,7,10,9,11,	$\psi(I(2@(1,0)))$
7,10,9,11,7,9,5	$\psi(M^{M^M\cdot 2})$
1.47.10.0.11.0	$\psi(I(\omega@(1,0)))$
1,4,7,10,9,11,8	$\psi(M^{M^M\cdot\omega})$
1.47.10.0.11.0	$\psi(I(\Omega@(1,0)))$
1,4,7,10,9,11,9	$\psi(M^{M^M\cdot\Omega})$
1 4 7 10 0 11 0 7 0 5	$\psi(I(1@(1,1)))$
1,4,7,10,9,11,9,7,9,5	$\psi(M^{M^{M+1}})$
1,4,7,10,9,	$\psi(I(1@(1,2)))$
11,9,9,7,9,5	$\varphi(I(1\otimes(1,2)))$
1,4,7,10,9,11,9,10	$\psi(I(1@(1,\omega)))$
	$\psi(I(1@(2,0)))$
1,4,7,10,9,11,9,11,7,9,5	$\psi(M^{M^{M\cdot 2}})$
	$\psi(I(1@(\omega,0)))$
1,4,7,10,9,11,10	$\psi(M^{M^{M\cdot\omega}})$
1,4,7,10,9,11,11	$\psi(I(1@(\Omega,0)))$
	$\psi(I(1@(1,0,0)))$
1,4,7,10,9,11,11,7,9,5	$\psi(M^{M^{M^2}})$
1,4,7,10,9,11,	
11,9,7,9,5	$\psi(I(1@(1,0,1)))$
1,4,7,10,9,11, 11,9,11,7,9,5	$\psi(I(1@(1,1,0)))$
	$\psi(1(1\otimes(1,1,0)))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,11, 11,9,11,11,7,9,5	$\psi(I(1@(2,0,0)))$
1,4,7,10,9,11,11,11	$\psi(I(1@(\Omega,0,0)))$
1,4,7,10,9, 11,11,11,7,9,5	$\psi(I(1@(1,0,0,0)))$
1,4,7,10,9,11,12	$\psi(I(1@(1@\omega))) \ \psi(M^{M^{M^{\omega}}})$
1,4,7,10,9, 11,13,7,9,5	$\psi(I(1@(1@(1,0)))) \ \psi(M^{M^M})$
1,4,7,10,9,11, 13,15,7,9,5	$\psi(I(1@(1@(1@(1,0)))))$ $\psi(M^{M^{M^{M}}})$
1,4,7,10,9,12	$\psi(\psi_{\Omega_{M+1}}(0))$
1,4,7,10,9,12,3	$\psi(\psi_{\Omega_{M+1}}(0)+1)$
1,4,7,10,9,12,4	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\omega))$
1,4,7,10,9,12,4,7,10	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(M \cdot \omega))$ $\psi(\psi_{\Omega_{M+1}}(0) + I_\omega)$
1,4,7,10,9, 12,4,7,10,9,12	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{M}(\psi_{\Omega_{M+1}}(0)))$
1,4,7,10,9,12,6	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0)) \cdot \Omega)$
1,4,7,10,9, 12,6,4,7,10,9,12	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0))^2)$
1,4,7,10,9,12,6,9	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{\Omega_{\psi_M(\psi_{\Omega_{M+1}}(0))+1}}(0))$
1,4,7,10,9,12,6,9,12	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0) + 1))$ $\psi(\psi_{\Omega_{M+1}}(0) + \Omega_{\psi_M(\psi_{\Omega_{M+1}}(0))+1})$
1,4,7,10,9,12,6,10	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0) + \omega))$
1,4,7,10,9, 12,6,10,14,16	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_M(\psi_{\Omega_{M+1}}(0) + \Omega))$
1,4,7,10,9,12, 6,10,14,16,4,7,10,9,12	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{M}(\psi_{\Omega_{M+1}}(0) + \psi_{M}(\psi_{\Omega_{M+1}}(0))))$ $\psi(\psi_{\Omega_{M+1}}(0) + \Omega_{\psi_{M}(\psi_{\Omega_{M+1}}(0)) \cdot 2})$
1,4,7,10,9,12,6,10,14,17	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{M}(\psi_{\Omega_{M+1}}(0) + \psi_{M}(\psi_{\Omega_{M+1}}(0) + 1)))$ $\psi(\psi_{\Omega_{M+1}}(0) + \Omega_{\Omega_{\psi_{M}(\psi_{\Omega_{M+1}}(0))+1}})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{\psi_M(\psi_{\Omega_{M+1}}(0)+M)}(0))$
12,6,10,14,17,11	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{I_{\psi_M(\psi_{\Omega_{M+1}}(0))+1}}(0))$
1,4,7,10,9,12,6,10, 14,17,11,4,7,10,9,12	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{\psi_M(\psi_{\Omega_{M+1}}(0)+M)}(0) + \psi_M(\psi_{\Omega_{M+1}}(0)))$
1,4,7,10,9,12,6, 10,14,17,11,9,12	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{\psi_{M}(\psi_{\Omega_{M+1}}(0)+M)}(0) + \psi_{M}(\psi_{\Omega_{M+1}}(0) + \psi_{\psi_{M}(\psi_{\Omega_{M+1}}(0)+M)}(0) + 1))$ $\psi(\psi_{\Omega_{M+1}}(0) + \Omega_{\psi_{I_{\psi_{M}(\psi_{\Omega_{M+1}}(0))+1}(0)+1})$
1,4,7,10,9,12,6,10, 14,17,13,18,23,27,19	$\psi(\psi_{\Omega_{M+1}}(0) + \psi_{\psi_{M}(\psi_{\Omega_{M+1}}(0)+M)}(1))$ $\psi(\psi_{\Omega_{M+1}}(0) + \psi_{I_{\psi_{M}(\psi_{\Omega_{M+1}}(0))+1}}(1))$
1,4,7,10,9,12,6, 10,14,17,14,17,11	$\psi(\psi_{\Omega_{M+1}}(0) + M)$ $\psi(\psi_{\Omega_{M+1}}(0) + I_{\psi_{M}(\psi_{\Omega_{M+1}}(0))+1})$
1,4,7,10,9,12,6,10,14,18	$\psi(\psi_{\Omega_{M+1}}(0) + M \cdot \omega)$
1,4,7,10,9,12,6,10, 14,18,14,17,14,17,11	$\psi(\psi_{\Omega_{M+1}}(0) + I(1, \psi_M(\psi_{\Omega_{M+1}}(0)) + 1))$
1,4,7,10,9,12,6,10,	$\psi(\psi_{\Omega_{M+1}}(0) + M^M)$
14,18,17,14,17,11	$\psi(\psi_{\Omega_{M+1}}(0) + I(1, 0, \psi_M(\psi_{\Omega_{M+1}}(0)) + 1))$
1,4,7,10,9,12,6, 10,14,18,17,18	$\psi(\psi_{\Omega_{M+1}}(0) + M^{M^{\omega}})$
1,4,7,10,9,12,6,10, 14,18,17,19,14,17,11	$\psi(\psi_{\Omega_{M+1}}(0) + M^{M^M})$
1,4,7,10,9,12,6, 10,14,18,17,21	$\psi(\psi_{\Omega_{M+1}}(0)\cdot 2)$
1,4,7,10,9,12,7	$\psi(\psi_{\Omega_{M+1}}(0)\cdot\omega)$
1,4,7,10,9,12,7,9	$\psi(\psi_{\Omega_{M+1}}(0)\cdot\Omega)$
1,4,7,10,9,12,7, 9,4,7,10,9,12	$\psi(\psi_{\Omega_{M+1}}(0)\cdot\psi_{M}(\psi_{\Omega_{M+1}}(0)))$
1,4,7,10,9,12,7,9,5	$\psi(\psi_{\Omega_{M+1}}(0)\cdot\psi_{\psi_M(\psi_{\Omega_{M+1}}(0)\cdot M)}(0))$
1,4,7,10,9,12, 7,9,7,9,5	$\psi(\psi_{\Omega_{M+1}}(0)\cdot M)$
1,4,7,10,9,12,7,10	$\psi(\psi_{\Omega_{M+1}}(0)\cdot M\cdot \omega)$
1,4,7,10,9,12, 7,10,7,9,7,9,5	$\psi(\psi_{\Omega_{M+1}}(0)\cdot M^2)$
1,4,7,10,9,12, 7,10,9,7,9,5	$\psi(\psi_{\Omega_{M+1}}(0)\cdot M^M)$
1,4,7,10,9,12,7,10,9,12	$\psi(\psi_{\Omega_{M+1}}(0)^2)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,12,8	$\psi(\psi_{\Omega_{M+1}}(0)^\omega)$
1,4,7,10,9,12,9	$\psi(\psi_{\Omega_{M+1}}(0)^\Omega)$
1,4,7,10,9,12,9,5	$\psi(\psi_{\Omega_{M+1}}(0)^{\psi_{\psi_{M}(\psi_{\Omega_{M+1}}(0)^{M})}(0)})$
1,4,7,10,9,12,9,7,9,5	$\psi(\psi_{\Omega_{M+1}}(0)^M)$
1,4,7,10,9,12,9,12	$\psi(\psi_{\Omega_{M+1}}(0)^{\psi_{\Omega_{M+1}}(0)})$
1,4,7,10,9,12,10	$\psi(\psi_{\Omega_{M+1}}(0)^{\psi_{\Omega_{M+1}}(0)^{\omega}})$
1,4,7,10,9,12,11	$\psi(\psi_{\Omega_{M+1}}(0)^{\psi_{\Omega_{M+1}}(0)^{\Omega}})$
1,4,7,10,9,12,11,14	$\psi(\psi_{\Omega_{M+1}}(0)^{\psi_{\Omega_{M+1}}(0)^{\psi_{\Omega_{M+1}}(0)}})$
1,4,7,10,9,12,12	$\psi(\psi_{\Omega_{M+1}}(1))$
1,4,7,10,9,12,13	$\psi(\psi_{\Omega_{M+1}}(\omega))$
1,4,7,10,9,12,14	$\psi(\psi_{\Omega_{M+1}}(\Omega))$
1,4,7,10,9, 12,14,4,7,10,9,12	$\psi(\psi_{\Omega_{M+1}}(\psi_M(\psi_{\Omega_{M+1}}(0))))$
1,4,7,10,9,12, 14,4,7,10,9,12,14	$\psi(\psi_{\Omega_{M+1}}(\psi_M(\psi_{\Omega_{M+1}}(\Omega))))$
1,4,7,10,9,12,14,5	$\psi(\psi_{\Omega_{M+1}}(\psi_{\psi_M(\psi_{\Omega_{M+1}}(M))}(0)))$
1,4,7,10,9,12,14,7,9,5	$\psi(\psi_{\Omega_{M+1}}(M))$
1,4,7,10,9,12,14,17	$\psi(\psi_{\Omega_{M+1}}(\psi_{\Omega_{M+1}}(0)))$
1,4,7,10,9,12,15	$\psi(\Omega_{M+1})$ $\psi(\psi_{M_2}(0))$ $\psi(2 ext{ aft } 2-2)$
1,4,7,10,9,13	$\psi(\Omega_{M+\omega}) \ \psi(\psi_{M_2}(\omega))$
1,4,7,10,9,13,17,19	$\psi(\Omega_{M+\Omega}) \ \psi(\psi_{M_2}(\Omega))$
1,4,7,10,9,13, 17,19,4,7,10,9,12	$\psi(\Omega_{M+\psi_M(\psi_{\Omega_{M+1}}(0))})$
1,4,7,10,9,13, 17,19,4,7,10,9,12,15	$\psi(\Omega_{M+\psi_M(\Omega_{M+1})}) \ \psi(\psi_{M_2}(\psi_M(\psi_{M_2}(0))))$
1,4,7,10,9,13,17,19,5	$\psi(\Omega_{M+\psi_{\psi_{M}}(\Omega_{M\cdot2})(0)}) \ \psi(\psi_{M_{2}}(\psi_{\psi_{M}(\psi_{M_{2}}(M))}(0)))$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,13,	$\psi(\Omega_{M\cdot 2})$
17,19,7,9,5	$\psi(\psi_{M_2}(M))$
1,4,7,10,9,13,17,19,22	$\psi(\Omega_{\psi_{\Omega_{M+1}}(0)})$
	$\psi(\psi_{M_2}(\psi_{\Omega_{M+1}}(0)))$
1,4,7,10,9,13,17,20	$\psi(\Omega_{\Omega_{M+1}})$
1,4,1,10,9,19,11,20	$\psi(\psi_{M_2}(\psi_{M_2}(0)))$
1,4,7,10,9,13,17,20,14	$\psi(\psi_{I_{M+1}}(0))$
1,4,7,10,8,18,17,20,14	$\psi(\psi_{\psi_{M_2}(M_2)}(0))$
1 4 7 10 0 12	$\psi(I_{M+1})$
1,4,7,10,9,13, 17,20,17,20,14	$\psi(\psi_{M_2}(M_2))$
17,20,17,20,14	$\psi(M_2)$
1,4,7,10,9,13,17,21	$\psi(I_{M+\omega})$
1,4,7,10,9,15,17,21	$\psi(M_2\cdot\omega)$
1,4,7,10,9,13,17,21,17,19	$\psi(I_{M+\Omega})$
1,4,7,10,9,13,	$\psi(I_{M\cdot 2})$
17,21,17,19,7,9,5	$\psi(M_2\cdot M)$
1 4 7 10 0 19 17 91 17 90	$\psi(I_{\Omega_{M+1}})$
1,4,7,10,9,13,17,21,17,20	$\psi(M_2\cdot\psi_{M_2}(0))$
1,4,7,10,9,13,	$\psi(\psi_{I(1,M+1)}(0))$
17,21,17,20,14	$\psi(M_2 \cdot \psi_{\psi_{M_2}(M_2^2)}(0))$
1,4,7,10,9,13,17,	$\psi(I(1,M+1))$
21,17,20,17,20,14	$\psi(M_2^2)$
1 4 7 10 0 19 17 91 10	$\psi(I(\omega,M+1))$
1,4,7,10,9,13,17,21,18	$\psi(M_2^\omega)$
1 4 7 10 0 12 17 21 10	$\psi(I(\Omega,M+1))$
1,4,7,10,9,13,17,21,19	$\psi(M_2^\Omega)$
1,4,7,10,9,13,17,21,20	$\psi(I(\Omega_{M+1}, M+1))$
1,4,7,10,9,13,17,21,20	$\psi(M_2^{\psi_{M_2}(0)})$
1 4 7 10 0 10 17 01 00 14	$\psi(\psi_{I(1,0,M+1)}(0))$
1,4,7,10,9,13,17,21,20,14	$\psi(M_2^{\psi_{\psi_{M_2}(M_2^{M_2})}(0)})$
1,4,7,10,9,13,17,	$\psi(I(1,0,M+1))$
21,20,17,20,14	$\psi(M_2^{M_2})$
1 4 7 10 0 19 17 01 00 01	$\psi(I(1@\omega, M+1@0))$
1,4,7,10,9,13,17,21,20,21	$\psi(M_2^{M_2^\omega})$
1,4,7,10,9,13,17,	$\psi(I(1@(1,0), M+1@0))$
21,20,22,14	$\psi(M_2^{M_2^{M_2}})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,9,13,17,21,20,24	$\psi(\psi_{\Omega_{M_2+1}}(0))$
1,4,7,10,9,13, 17,21,20,24,24	$\psi(\psi_{\Omega_{M_2+1}}(1))$
1,4,7,10,9,13,	$\psi(\Omega_{M_2+1})$
17,21,20,24,28	$\psi(\psi_{M_3}(0))$
1,4,7,10,9,13,17,21,20,25	$\psi(\Omega_{M_2+\omega}) \ \psi(\psi_{M_3}(\omega))$
1,4,7,10,9,13,	$\psi(\psi_{I_{M_2+1}}(0))$
17,21,20,25,30,34,26	$\psi(\psi_{\psi_{M_3}(M_3)}(0))$
1,4,7,10,9,13,17,21,	$\psi(I_{M_2+1})$
20,25,30,34,30,34,26	$\psi(M_3)$
1,4,7,10,9,13,	$\psi(I_{M_2+\omega})$
17,21,20,25,30,35	$\psi(M_3\cdot\omega)$
1,4,7,10,9,13,17,21,20,	$\psi(I(1,M_2+1))$
25,30,35,30,34,30,34,26	$\psi(M_3^2)$
1,4,7,10,9,13,17,21,20,	$\psi(I(1,0,M_2+1))$
25,30,35,34,30,34,26	$\psi(M_3^{M_3})$
1,4,7,10,9,13,17,21,20,	$\psi(I(1@(1,0), M_2 + 1@0))$
25,30,35,34,36,30,34,26	$\psi(M_3^{M_3^{M_3}})$
1,4,7,10,9,13,17,21, 20,25,30,35,34,39	$\psi(\psi_{\Omega_{M_3+1}}(0))$
1,4,7,10,9,13,17,21,20,	$\psi(\Omega_{M_3+1})$
25,30,35,34,39,44	$\psi(M_4)$
1,4,7,10,9,13,17,21,	$\psi(\Omega_{M_4+1})$
20,25,30,35,34,40,	$\psi(M_5)$
46,52,51,57,63	$\psi(M_\omega)$
1.47.10.10	
1,4,7,10,10	$\psi(1-2-2)$
	SMO
1,4,7,10,10,4,7,10,4	$\psi(M_\omega + I_\omega + \Omega_\omega)$
1,4,7,10,10,4, 7,10,9,13,17,21,21	$\psi(M_\omega + \psi_M(M_\omega))$
1,4,7,10,10,4,7,10,10	$\psi(M_\omega\cdot 2)$
1,4,7,10,10,6	$\psi(M_\omega\cdot\Omega)$
1,4,7,10,10,6,4,7,10,10	$\psi(M_\omega^2)$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,6,7	$\psi(M_\omega^\omega)$
1,4,7,10,10,	$\psi(M^{M_\omega}_\omega)$
6,8,4,7,10,10	, (w)
1,4,7,10,10,6,9	$\psi(\psi_{\Omega_{M_\omega+1}}(0))$
1,4,7,10,10,6,9,12	$\psi(\Omega_{M_\omega+1})$
1,1,1,10,10,0,0,12	$\psi(\psi_{M_{\omega+1}}(0))$
1,4,7,10,10,6,10,14,17,11	$\psi(\psi_{I_{M_\omega+1}}(0))$
-,-,-,,,	$\psi(\psi_{\psi_{M_{\omega+1}}(M_{\omega+1})}(0))$
1,4,7,10,10,6,	$\psi(I_{M_\omega+1})$
10,14,17,14,17,11	$\psi(M_{\omega+1})$
1,4,7,10,10,6,10,14,18	$\psi(I_{M_\omega+\omega})$
1,1,1,10,10,0,10,11,10	$\psi(M_{\omega+1}\cdot\omega)$
1,4,7,10,10,6,	$\psi(I(1,0,M_\omega+1))$
10,14,18,17,14,17,11	$\psi(M^{M_{\omega+1}}_{\omega+1})$
1,4,7,10,10,6,	$\psi(\psi_{\Omega_{M_{\omega+1}+1}}(0))$
10,14,18,17,21	
1,4,7,10,10,6,	$\psi(\Omega_{M_{\omega+1}+1})$
10,14,18,17,21,25	$\psi(\psi_{M_{\omega+2}}(0))$
1,4,7,10,10,6,10, 14,18,17,22,27,31,23	$\psi(\psi_{I_{M_{\omega+1}+1}}(0))$
, , , , ,	$\psi(\psi_{\psi_{M_{\omega+2}}(M_{\omega+2})}(0))$
1,4,7,10,10,6,10,14,18,	$\psi(I_{M_{\omega+1}+1})$
17,22,27,31,27,31,23	$\psi(M_{\omega+2})$
1,4,7,10,10,6,10,14,18,18	$\psi(M_{\omega \cdot 2})$
1,4,7,10,10,6,10,14,18,	$\psi(M_{\omega\cdot 3})$
18,13,18,23,28,28	₇ (
1,4,7,10,10,7	$\psi(M_{\omega^2})$
1,4,7,10,10,7,7	$\psi(M_{\omega^3})$
1,4,7,10,10,7,8	$\psi(M_{\omega^\omega})$
1,4,7,10,10,7,9	$\psi(M_\Omega)$
1,4,7,10,10,7,9,4,7,	.//14)
9,13,17,21,21,17,19,5	$\psi(M_I)$
1,4,7,10,10,7,9,4,7,10	$\psi(M_{I_\omega})$
1,4,7,10,10,7,9,4,	$\psi(M_{\psi_M(M_\omega)})$
7,10,9,13,17,21,21	$_{I}$ $\backslash ^{}\psi M(^{M}\omega)/$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,7,9,4,7,10,	$\psi(M_{\psi_{M}(M_{M})}(0))$
9,13,17,21,21,17,19,5	$\psi(\mathcal{W}_{\psi_{M}(M_{M})}(0))$
1,4,7,10,10,7,9,4,7,10,	$\psi(M_M)$
9,13,17,21,21,17,19,7,9,5	\(\sigma\)
1,4,7,10,10,7,	$\psi(M_{M_*})$
9,4,7,10,10	γ (1/1ω)
1,4,7,10,10,7,	$\psi(M_{M_{\Omega}})$
9,4,7,10,10,7,9	1
1,4,7,10,10,7,9,5	$\psi(\psi_{M(1,0)}(0))$
1,4,7,10,10,7,9,7,9,5	$\psi(M(1,0))$
1,4,7,10,10,7,9,7,9,5	$\psi(\psi_{M(1;0)}(0))$
1,4,7,10,10,7,9,7,9,6	$\psi(M(1,0) + \psi_{M(1,0)}(M(1,0)) \cdot \Omega)$
1,4,7,10,10,7,9,7,9,6,9	$\psi(M(1,0) + \psi_{\Omega_{\psi_{M(1,0)}(M(1,0))+1}}(0))$
1,4,7,10,10,7,9,	$\psi(M(1,0) + \psi_{I_{\psi_{M(1,0)}(M(1,0))+1}}(0))$
7,9,6,10,14,17,11	$\psi(M(1,0) + \psi_{\psi_{M_{\psi_{M(1,0)}(M(1,0))+1}}(M_{\psi_{M(1,0)}(M(1,0))+1})}(0))$
1,4,7,10,10,7,9,	$\psi(M(1,0) + I_{\psi_{M(1,0)}(M(1,0))+\omega})$
7,9,6,10,14,18	$\psi(M(1,0) + M_{\psi_{M(1,0)}(M(1,0))+1} \cdot \omega)$
1,4,7,10,10,7,9,7,9,6,	$\psi(M(1,0) + I(1,0,\psi_{M(1,0)}(M(1,0)) + 1))$
10,14,18,17,14,17,11	$\psi(M(1,0) + M_{\psi_{M(1,0)}(M(1,0))+1}^{M_{\psi_{M(1,0)}(M(1,0))+1}})$
1,4,7,10,10,7,9,	
7,9,6,10,14,18,17,21	$\psi(M(1,0) + \psi_{\Omega_{M_{\psi_{M(1,0)}(M(1,0))+1}+1}}(0))$
1,4,7,10,10,7,9,7,9,6,	$\psi(M(1,0) + \psi_{I_{M_{\psi_{M(1,0)}(M(1,0))+1}+1}}(0))$
10,14,18,17,22,27,31,23	$\psi(M(1,0) + \psi_{\psi_{M_{\psi_{M(1,0)}(M(1,0))+2}}(M_{\psi_{M(1,0)}(M(1,0))+2})}(0))$
1,4,7,10,10,7,9,	
7,9,6,10,14,18,18	$\psi(M(1,0) + M_{\psi_{M(1,0)}(M(1,0))+\omega})$
1,4,7,10,10,7,9,7,	$\psi(M(1,0) + M_{\psi_{M(1,0)}(M(1,0)) + \omega^2})$
9,6,10,14,18,18,14	$\tau \leftarrow (-\tau, \tau) \leftarrow -\tau \psi_{M(1,0)}(M(1,0)) + \omega^{-\tau}$
1,4,7,10,10,7,9,	(427/4.5)
7,9,6,10,14,18,18,14,	$\psi(M(1,0) + M_{\psi_{M(1,0)}(M(1,0))\cdot 2})$
16,4,7,10,10,7,9,5	
1,4,7,10,10,7,9,7,9,6,	$\psi(M(1,0) + \psi_{M(1,0)}(M(1,0) + 1))$
10,14,18,18,14,17,11	
1,4,7,10,10,7,9,7, 9,6,10,14,18,18,14,	$\psi(M(1,0)\cdot 2)$
9,0,10,14,10,14, 17,14,17,11	$\psi(m(1,0)\cdot 2)$
	(///// 0)
1,4,7,10,10,7,9,7,9,7	$\psi(M(1,0)\cdot\omega)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10, 7,9,7,9,7,9	$\psi(M(1,0)\cdot\Omega)$
1,4,7,10,10,7,9,7,9,7, 9,4,7,10,10,7,9,7,9,5	$\psi(M(1,0)\cdot\psi_{M(1,0)}(M(1,0)))$
1,4,7,10,10, 7,9,7,9,7,9,5	$\psi(M(1,0)^2)$
1,4,7,10,10,7,9,8	$\psi(M(1,0)^\omega)$
1,4,7,10,10,7,9,12	$\psi(\psi_{\Omega_{M(1,0)+1}}(0))$
1,4,7,10,10,7,9,12,15	$\psi(\Omega_{M(1,0)+1}) \ \psi(\psi_{M_{M(1,0)+1}}(0))$
1,4,7,10,10,	$\psi(\psi_{I_{M(1,0)+1}}(0))$
7,9,13,17,20,14	$\psi(\psi_{\Psi_{M_{M(1,0)+1}}(M_{M(1,0)+1})}(0))$
1,4,7,10,10,7,9,	$\psi(I_{M(1,0)+1})$
13,17,20,17,20,14	$\psi(M_{M(1,0)+1})$
1,4,7,10,10,7, 9,13,17,21,21	$\psi(M_{M(1,0)+\omega})$
1,4,7,10,10,7,9,	$\psi(\psi_{M(1,1)}(0))$
13,17,21,21,17,20,14	$\psi((1-)^{1,0} 2-2 \text{ aft } 2 1-2-2)$
1,4,7,10,10,7,9,13,17,	$\psi(M(1,1))$
21,21,17,20,17,20,14	$\psi(\psi_{M(1;0)}(1))$
1,4,7,10,10,7,9,	$\psi(M(1,2))$
13,17,21,21,17,20,25, 30,35,35,30,34,30,34,26	$\psi(\psi_{M(1;0)}(2))$
1,4,7,10,10,7,10	$\psi(M(1,\omega))$ $\psi(\psi_{M(1;0)}(\omega))$
1,4,7,10,10,7,10,7	$\psi(M(1,\omega^2)) \ \psi(\psi_{M(1;0)}(\omega^2))$
1,4,7,10,10,7,10,7,9	$\psi(M(1,\Omega)) \ \psi(\psi_{M(1;0)}(\Omega))$
1,4,7,10,10,7,10,7,9,5	$\psi(\psi_{M(1;0)}(0))$ $\psi(\psi_{M(2,0)}(0))$ $\psi(\psi_{\psi_{M(1;0)}(M(1;0))}(0))$
1,4,7,10,10,7,10,7,9,7	$\psi(\psi_{M(1;0)}(M(1;0))(\psi)) \ \psi(\psi_{M(2;0)}(M(1;0))(\omega))$
1,4,7,10,10,7,10,7,9,7,9	$\psi(\psi_{M(2,0)}(\Omega)) \ \psi(\psi_{\psi_{M(1;0)}(M(1;0))}(\Omega))$
1,4,7,10,10, 7,10,7,9,7,9,5	$\psi(M(2,0))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,	$\psi(M(2,0)+1)$
7,10,7,9,7,9,5,3	
1,4,7,10,10,7, 10,7,9,7,9,7,9,5	$\psi(M(2,0)^2)$
1,4,7,10,10,7,10,7,9,8	$\psi(M(2,0)^{\omega})$
1,4,7,10,10,7,	$\psi(M(2,0)^{M(2,0)})$
10,7,9,9,5	
1,4,7,10,10,7,10,7,9,12	$\psi(\psi_{\Omega_{M(2,0)+1}}(0))$
1,4,7,10,10,7,	$\psi(\psi_{\Omega_{M(2,0)+1}}(1))$
10,7,9,12,12	$\psi\left(\psi\Omega_{M(2,0)+1}\left(1\right)\right)$
1,4,7,10,10,7,	$\psi(\Omega_{M(2,0)+1})$
10,7,9,12,15	
1,4,7,10,10,7,	$\psi(\psi_{I_{M(2,0)+1}}(0))$
10,7,9,13,17,20,14	$\psi(\psi_{\psi_{M_{M(2,0)+1}}(M_{M(2,0)+1})}(0))$
1,4,7,10,10,7,10,	$\psi(I_{M(2,0)+1})$
7,9,13,17,20,17,20,14	$\psi(M_{M(2,0)+1})$
1,4,7,10,10,7,	$\psi(M_{M(2,0)+\omega})$
10,7,9,13,17,21,21	
$1,4,7,10,10,7,10,7,9, \\ 13,17,21,21,17,20,14$	$\psi(\psi_{M(1,M(2,0)+1)}(0))$
1,4,7,10,10,7,10,	
7,9,13,17,21,21,17,21	$\psi(M(1,M(2,0)+\omega))$
1,4,7,10,10,7,10,7,	
9,13,17,21,21,17,21,	$\psi(M(2,1))$
17,20,17,20,14	
1,4,7,10,10,7,10,7,10	$\psi(M(2,\omega))$
1,4,7,10,10,7,	
10,7,10,7,9,5	$\psi(\psi_{M(3,0)}(0))$
1,4,7,10,10,7,10,	$\psi(M(3,0))$
7,10,7,9,7,9,5	$\psi(M(1;0)^2)$
1,4,7,10,10,7,	$\psi(M(3,\omega))$
10,7,10,7,10	
1,4,7,10,10,7,10,8	$\psi(M(\omega,0))$
, ,.,,,,,,,-	$\psi(M(1;0)^\omega)$
1,4,7,10,10,7,10,9	$\psi(M(\Omega,0))$
1 4 7 10 10 7 10 0 5	$\psi(\psi_{M(1,0,0)}(0))$
1,4,7,10,10,7,10,9,5	$\psi(\psi_{\psi_{M(1;0)}(M(1;0)^{M(1;0)})}(0))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,7,	$\psi(M(1,0,0))$
10,9,7,9,5	$\psi(M(1;0)^{M(1;0)})$
1,4,7,10,10,7,10,9,7,	$\psi(M(1,0,1))$
9,13,17,21,21,17,	
21,20,17,20,14	$\psi(M(1;0)^{M(1;0)} \cdot 2)$
1 4 7 10 10 7 10 0 7 10	$\psi(M(1,0,\omega))$
1,4,7,10,10,7,10,9,7,10	$\psi(M(1;0)^{M(1;0)}\cdot\omega)$
1,4,7,10,10,7,10,	//34/1 1 0))
9,7,10,7,9,7,9,5	$\psi(M(1,1,0))$
1,4,7,10,10,7,	//35/4 4 \\
10,9,7,10,7,10	$\psi(M(1,1,\omega))$
1,4,7,10,10,7,10,9,	.h(M(1.9.0))
7,10,7,10,7,9,7,9,5	$\psi(M(1,2,0))$
1,4,7,10,10,7,	J/(M/(1 0))
10,9,7,10,8	$\psi(M(1,\omega,0))$
1,4,7,10,10,7,	oh(M(1,O,O))
10,9,7,10,9	$\psi(M(1,\Omega,0))$
1,4,7,10,10,7,	$\psi(M(2,0,0))$
10,9,7,10,9,7,9,5	$\psi(M(2,0,0))$
1,4,7,10,10,7,10,9,8	$\psi(M(\omega,0,0))$
1,4,7,10,10,	$\psi(M(1,0,0,0))$
7,10,9,9,7,9,5	$\psi(M(1;0)^{M(1;0)^2})$
1,4,7,10,10,7,	//35/1 0 0 0 0)
10,9,9,9,7,9,5	$\psi(M(1,0,0,0,0))$
1,4,7,10,10,7,	/M/1 0 0 0 0 0\\
10,9,9,9,9,7,9,5	$\psi(M(1,0,0,0,0,0))$
1 4 7 10 10 7 10 0 10	$\psi(M(1@\omega))$
1,4,7,10,10,7,10,9,10	$\psi(M(1;0)^{M(1;0)^{\omega}})$
1,4,7,10,10,7,10,9,11	$\psi(M(1@\Omega))$
1,4,7,10,10,7,10,9,11,5	$\psi(\psi_{M(1@(1,0))}(0))$
1,4,7,10,10,7,	$\psi(M(1@(1,0)))$
10,9,11,7,9,5	$\psi(M(1;0)^{M(1;0)^{M(1;0)}})$
1,4,7,10,10,7,10,9,12	$\psi(\psi_{\Omega_{M(1:0)+1}}(0))$
	· · · · · ·
1,4,7,10,10,7,10,9,12,12	$\psi(\psi_{\Omega_{M(1;0)+1}}(1))$
1,4,7,10,10,7,10,9,12,15	$\psi(\Omega_{M(1;0)+1})$
	$\psi(\psi_{M_{M(1;0)+1}}(0))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,7,10,9,13	$\psi(\Omega_{M(1;0)+\omega})$
	$\psi(\psi_{M_{M(1;0)+1}}(\omega))$
1,4,7,10,10,7,	$\psi(\psi_{I_{M(1;0)+1}}(0))$
10,9,13,17,20,14	$\psi(\psi_{\psi_{M_{M(1;0)+1}}(M_{M(1;0)+1})}(0))$
1,4,7,10,10,7,10,	$\psi(I_{M(1;0)+1})$
9,13,17,20,17,20,14	$\psi(M_{M(1;0)+1})$
1,4,7,10,10,7,10,	
9,13,17,21,21	$\psi(M_{M(1;0)+\omega})$
1,4,7,10,10,7,10,9,	ah(ah (0))
13,17,21,21,17,20,14	$\psi(\psi_{M(1,M(1;0)+1)}(0))$
1,4,7,10,10,7,10,9,13,17,	$\psi(M(1,M(1;0)+1))$
21,21,17,20,17,20,14	$\psi(\psi_{M(1;1)}(0))$
1,4,7,10,10,7,10,9,13,	$\psi(\psi_{M(2,M(1;0)+1)}(0))$
17,21,21,17,21,17,20,14	$\psi(\psi_{\psi_{M(1;1)}(M(1;1))}(0))$
1,4,7,10,10,7,10,9,13,17,	$\psi(M(2, M(1; 0) + 1))$
21,21,17,21,17,20,17,20,14	$\psi(M(1;1))$
1,4,7,10,10,7,10,9,	$\psi(M(\omega, M(1;0)+1))$
13,17,21,21,17,21,18	$\psi(M(1;1)^\omega)$
1,4,7,10,10,7,10,9,13,	$\psi(\psi_{M(1,0,M(1;0)+1)})$
17,21,21,17,21,20,14	$\psi(\psi_{\psi_{M(1;1)}(M(1;1)^{M(1;1)})}(0))$
1,4,7,10,10,7,10,9,13,17,	$\psi(M(1,0,M(1;0)+1))$
21,21,17,21,20,17,20,14	$\psi(M(1;1)^{M(1;1)})$
1,4,7,10,10,7,10,9,13,17,	$\psi(M(1,0,0,M(1;0)+1))$
21,21,17,21,20,20,17,20,14	$\psi(M(1;1)^{M(1;1)^2})$
1,4,7,10,10,7,10,9,13,	$\psi(M(1@\omega, M(1;0) + 1@0))$
17,21,21,17,21,20,21	$\psi(M(1;1)^{M(1;1)^{\omega}})$
1,4,7,10,10,7,10,9,13,	$\psi(M(1@(1,0),M(1;0)+1@0))$
17,21,21,17,21,20,23,14	$\psi(M(1;1)^{M(1;1)^{M(1;1)}})$
1,4,7,10,10,7,10,9,13,	
17,21,21,17,21,20,24	$\psi(\psi_{\Omega_{M(1;1)+1}}(0))$
1,4,7,10,10,7,10,9,13,	$\psi(\Omega_{M(1;1)+1})$
17,21,21,17,21,20,24,28	$\psi(\psi_{M_{M(1;1)+1}}(0))$
1,4,7,10,10,7,10,9,	C . 7.1 =
13,17,21,21,17,21,	$\psi(\psi_{I_{M(1;1)+1}}(0))$
20,25,30,34,26	
1,4,7,10,10,7,10,	$\psi(I_{M(1;1)+1})$
9,13,17,21,21,17,21,	$\psi(M_{M(1;1)+1})$
20,25,30,34,30,34,26	$Y \cap M(1;1)+1$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,7,10,9,13,	
17,21,21,17,21,20,	$\psi(M_{M(1;1)+\omega})$
25,30,35,35	
1,4,7,10,10,7,10,	$\psi(M(1,M(1;1)+1))$
9,13,17,21,21,17,21,20,	
25,30,35,35,30,34,30,34,26	$\psi(\psi_{M(1;2)}(0))$
1,4,7,10,10,7,10,9,	$\psi(\psi_{M(2,M(1:1)+1)}(0))$
13,17,21,21,17,21,20,25,	
30,35,35,30,35,30,34,26	$\psi(\psi_{\psi_{M(1;2)}(M(1;2))}(0))$
1,4,7,10,10,7,10,9,	$\psi(M(2,M(1;1)+1))$
13,17,21,21,17,21,20,25,30,35,	
35,30,35,30,34,30,34,26	$\psi(M(1;2))$
1,4,7,10,10,7,10,9,	$\psi(M(1,0,M(1;1)+1))$
13,17,21,21,17,21,20,25,	$\psi(M(1;2)^{M(1;2)})$
30,35,35,30,35,34,30,34,26	$\psi(M(1;Z), \cdots)$
1,4,7,10,10,7,10,9,	$\psi(M(1@(1,0),M(1;1)+1@0))$
13,17,21,21,17,21,20,25,30,	$\psi(M(1;2)^{M(1;2)^{M(1;2)}})$
35,35,30,35,34,39,30,34,26	$\psi(M(1,2)$
1,4,7,10,10,7,10,9,	
13,17,21,21,17,21,20,	$\psi(\psi_{\Omega_{M(1;2)+1}}(0))$
25,30,35,35,30,35,34,39	
1,4,7,10,10,7,10,9,	
13,17,21,21,17,21,20,25,	$\psi(M(2,M(1;2)+1))$
30,35,35,30,35,34,40,46,52,	$\psi(M(1;3))$
52,46,52,46,51,46,51,41	
1,4,7,10,10,7,10,10	$\psi(M(1;\omega))$
1,4,7,10,10,7,10,10,6	$\psi(M(1;\omega)\cdot\Omega)$
1,4,7,10,10,7,10,10,6,9	$\psi(\psi_{\Omega_{M(1;\omega)+1}}(0))$
1,4,7,10,10,7,10,10,	$\psi(I_{M(1;\omega)+1})$
6,10,14,17,14,17,11	$\psi(M_{M(1;\omega)+1})$
1,4,7,10,10,7,10,10,6,	$\psi(M(1,M(1;\omega)+1))$
10,14,18,18,14,17,14,17,11	$\psi(\psi_{M(1;\omega+1)}(0))$
1,4,7,10,10,7,10,	$\psi(M(2,M(1;\omega)+1))$
10,6,10,14,18,18,14,	
18,14,17,14,17,11	$\psi(M(1;\omega+1))$
1,4,7,10,10,7,10,10,6,	d.(M(1 9\)
10,14,18,18,14,18,18	$\psi(M(1;\omega\cdot 2))$
1,4,7,10,10,7,10,10,7	$\psi(M(1;\omega^2))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,7, 10,10,7,9,5	$\psi(\psi_{M(1;1,0)}(0))$
1 4 7 10 10 7	$\psi(M(1;1,0))$
1,4,7,10,10,7,	$\psi(\psi_{M(2;0)}(0))$
10,10,7,9,7,9,5	$\psi(2\ 1-2-2\ 1-2-2)$
	$\psi(M(1;1,\omega))$
1,4,7,10,10,7,10,10,7,10	$\psi(\psi_{M(2;0)}(\omega))$
1,4,7,10,10,7,	$\psi(\psi_{M(1;2,0)}(0))$
10,10,7,10,7,9,5	$\psi(\psi_{\psi_{M(2;0)}(M(2;0))}(0))$
1,4,7,10,10,7,10,	$\psi(M(1;2,0))$
10,7,10,7,9,7,9,5	$\psi(M(2;0))$
1,4,7,10,10,7,	$\psi(M(1;2,\omega))$
10,10,7,10,7,10	$\psi(M(2;0)\cdot\omega)$
1,4,7,10,10,7,	$\psi(M(1;\omega,0))$
10,10,7,10,8	$\psi(M(2;0)^{\omega})$
1,4,7,10,10,7,	
10,10,7,10,9,5	$\psi(\psi_{M(1;1,0,0)}(0))$
1,4,7,10,10,7,10,	$\psi(M(1;1,0,0))$
10,7,10,9,7,9,5	$\psi(M(2;0)^{M(2;0)})$
1,4,7,10,10,7,	$\psi(M(1;1@\omega))$
10,10,7,10,9,10	$\psi(M(2;0)^{M(2;0)^{\omega}})$
1,4,7,10,10,7,	
10,10,7,10,9,12	$\psi(\psi_{\Omega_{M(2;0)+1}}(0))$
1,4,7,10,10,7,10,10,7,	$\psi(I_{M(2;0)+1})$
10,9,13,17,20,17,20,14	$\psi(M_{M(2;0)+1})$
1,4,7,10,10,7,10,	
10,7,10,9,13,17,21,21	$\psi(M_{M(2;0)+\omega})$
1,4,7,10,10,7,10,	$\psi(M(2, M(2; 0) + 1))$
10,7,10,9,13,17,21,21,	$\psi(M(2;1))$
17,21,17,20,17,20,14	$\psi(M(2,1))$
1,4,7,10,10,7,	$\psi(M(2;\omega))$
10,10,7,10,10	
	$\psi(M(\omega;0))$
1,4,7,10,10,8	$\psi(\psi_N(\omega))$
	$\psi((2-2\ 1-)^{\omega}\ 2-2)$
1,4,7,10,10,8,7	$\psi(M(\omega;\omega))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,8,	$\psi(M(\omega+1;0))$
7,10,7,9,7,9,5	$\psi(\psi_N(\omega+1))$
1,4,7,10,10,8,7,10,10	$\psi(M(\omega+1,\omega))$
1,4,7,10,10,8,7, 10,10,7,10,7,9,7,9,5	$\psi(M(\omega+2;0))$
1,4,7,10,10,8,7,10,10,8	$\psi(M(\omega\cdot 2;0))$
1,4,7,10,10,8,8	$\psi(M(\omega^2;0))$
1 4 7 10 10 0	$\psi(M(\Omega;0))$
1,4,7,10,10,9	$\psi(\psi_N(\Omega))$
1,4,7,10,10,9,5	$\psi(\psi_{M(1,0;0)}(0))$
1,4,7,10,10,9,9	$\psi(\psi_{\psi_{W^{(N)}}(0)}(0))$
1,4,7,10,10,9,7,9,5	$\psi(M(1,0;0))$
1,1,1,10,10,0,1,0,0	$\psi(\psi_{\psi_N(N)}(0))$
1,4,7,10,10,9,7,9,7	$\psi(M(1,0;0)\cdot\omega)$
1,4,7,10,10, 9,7,9,7,9,5	$\psi(M(1,0;0)^2)$
1,4,7,10,10,9,7,9,12	$\psi(\psi_{\Omega_{M(1,0;0)+1}}(0))$
1,4,7,10,10,9,7,	$\psi(I_{M(1,0;0)+1})$
9,13,17,20,17,20,14	$\psi(M_{M(1,0;0)+1})$
1,4,7,10,10,9,7,9,13,	$\psi(M(1, M(1, 0; 0) + 1))$
17,21,21,17,20,17,20,14	$\varphi(m(1,m(1,0,0)+1))$
1,4,7,10,10,9,7,9,	$\psi(M(2,M(1,0;0)+1))$
13,17,21,21,17,21, 17,20,17,20,14	$\psi(M(1,0;1))$
1,4,7,10,10,9,7,10	$\psi(M(1,0;\omega))$
1,4,7,10,10,9,	$\psi(M(1,0;1,0))$
7,10,7,9,7,9,5	$\psi(\psi_{M(1,1;0)}(0))$
1,4,7,10,10,9,7,	$\psi(M(1,0;2,0))$
10,7,10,7,9,7,9,5	$\psi(M(1,1;0))$
1,4,7,10,10,9,7,10,8	$\psi(M(1,0;\omega,0))$
1,4,7,10,10,9,	$\psi(M(1,0;1,0,0))$
7,10,9,7,9,5	$\psi(M(1,1;0)^{M(1,1;0)})$
1,4,7,10,10,9,7,10,9,12	$\psi(\psi_{\Omega_{M(1,1;0)+1}}(0))$
1,4,7,10,10,9,7,10, 9,13,17,20,17,20,14	$\psi(M_{M(1,1;0)+1})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,9,7,10,9,13,	$\psi(M(1, M(1, 1; 0) + 1))$
17,21,21,17,20,17,20,14	$\psi(M(1,M(1,1,0)+1))$
1,4,7,10,10,9,	$\psi(M(2,M(1,1;0)+1))$
7,10,9,13,17,21,21,17,	$\psi(M(1,1;1))$
21,17,20,17,20,14	$\psi(m(1,1,1))$
1,4,7,10,10,9,7,10,10	$\psi(M(1,1;\omega))$
1,4,7,10,10,9,7,10,10,8	$\psi(M(1,\omega;0))$
1,4,7,10,10,9,7,10,10,0	$\psi(\psi_N(\psi_{\psi_N(N)}(0)+\omega))$
1 4 7 10 10 0 7 10 10 0	$\psi(M(1,\Omega;0))$
1,4,7,10,10,9,7,10,10,9	$\psi(\psi_N(\psi_{\psi_N(N)}(0) + \Omega))$
1,4,7,10,10,9,	$\psi(\psi_{M(2,0;0)}(0))$
7,10,10,9,5	$\psi(\psi_{\psi_{W_N(N)}(1)}(0))$
1,4,7,10,10,9,	$\psi(M(2,0;0))$
7,10,10,9,7,9,5	$\psi(\psi_{\psi_N(N)}(1))$
1,4,7,10,10,9,7,	$\psi(M(3,0;0))$
10,10,9,7,10,10,9,7,9,5	$\psi(\psi_{\psi_N(N)}(2))$
1.4.7.10.10.00	$\psi(M(\omega,0;0))$
1,4,7,10,10,9,8	$\psi(\psi_{\psi_N(N)}(\omega))$
1.4.7.10.10.00	$\psi(M(\Omega,0;0))$
1,4,7,10,10,9,9	$\psi(\psi_{\psi_N(N)}(\Omega))$
	$\psi(\psi_{M(1,0,0;0)}(0))$
	$\psi(\psi_N(N))$
1,4,7,10,10,9,9,5	$\psi(N)$
	$\psi(2-2-2)$
	$\psi(M(1,0,0;0))$
1,4,7,10,10,9,9,7,9,5	$\psi(N + \psi_{\psi_N(N\cdot 2)}(0))$
1,4,7,10,10,9,	$\psi(\psi_{M(1,0,1;0)}(0))$
9,7,10,7,9,5	$\psi(N+\psi_{\psi_N(N\cdot 2)}(N))$
1,4,7,10,10,9,	$\psi(M(1,0,1;0))$
9,7,10,7,9,7,9,5	$\psi(N\cdot 2)$
1,4,7,10,10,9,9,7,10,10	$\psi(M(1,0,1;\omega))$
1,4,7,10,10,9,	$\psi(M(1,0,\omega;0))$
9,7,10,10,8	$\psi(N\cdot\omega)$
1,4,7,10,10,9,	$\psi(N^{\prime}, \omega) = \psi(M(1, 0, \Omega; 0))$
9,7,10,10,9	$\psi(N\cdot\Omega)$
3,1,10,10,3	$\psi(1\mathbf{v}\cdot3\mathbf{t})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,9,9,	$\psi(M(1,1,0;0))$
7,10,10,9,7,9,5	$\psi(N\cdot\psi_{\psi_N(N^2)}(0))$
1,4,7,10,10,9,	$\psi(M(1,\omega,0;0))$
9,7,10,10,9,8	$\psi(N\cdot\psi_{\psi_N(N^2)}(\omega))$
1,4,7,10,10,9,	$\psi(\psi_{M(2,0,0;0)}(0))$
9,7,10,10,9,9,5	$\psi(N^2)$
1,4,7,10,10,9,9,7,10,	$\psi(\psi_{M(3,0,0;0)}(0))$
10,9,9,7,10,10,9,9,5	$\psi(N^3)$
1,4,7,10,10,9,9,8	$\psi(M(\omega,0,0;0))$
1,4,7,10,10,9,9,0	$\psi(N^\omega)$
1,4,7,10,10,9,9,9,5	$\psi(\psi_{M(1,0,0,0;0)}(0))$
1,4,7,10,10,9,9,9,9	$\psi(N^N)$
1,4,7,10,10,9,10	$\psi(M(1@\omega;0))$
1,4,7,10,10,9,10	$\psi(N^{N^\omega})$
1,4,7,10,10,9,11,7,9,5	$\psi(M(1@(1,0);0))$
1,4,7,10,10,9,11,7,9,0	$\psi(N^{N^N})$
1,4,7,10,10,9,12	$\psi(\psi_{\Omega_{N+1}}(0))$
1,4,7,10,10,9,12	$\psi((1-)^{1,0} \text{ aft } 2-2-2)$
1,4,7,10,10,9,12,3	$\psi(\psi_{\Omega_{N+1}}(0)+1)$
1,4,7,10,10,9,12,12	$\psi(\psi_{\Omega_{N+1}}(1))$
1,4,7,10,10,9,12,14	$\psi(\psi_{\Omega_{N+1}}(\Omega))$
1,4,7,10,10,9,12,14,5	$\psi(\psi_{\Omega_{N+1}}(N))$
	$\psi(\Omega_{N+1})$
1,4,7,10,10,9,12,15	$\psi(\psi_{M_{N+1}}(0))$
	$\psi(2 \ \ {\rm aft} \ \ 2-2-2)$
	$\psi(\psi_{I_{N+1}}(0))$
1,4,7,10,10,9,13,17,20,14	$\psi(\alpha \to \psi_{M_{N+1}}(\alpha) \text{ FP})$
	$\psi((1-)^{1,0} \ 2 \ \text{aft} \ 2-2-2)$
1,4,7,10,10,9,13,17,	$\psi(M(1,N+1))$
21,21,17,20,17,20,14	$\psi(\psi_{M(1;N+1)}(0))$
1.47.10.10.0.12.17.21	$\psi(M(2,N+1))$
1,4,7,10,10,9,13,17,21,	$\psi(M(1;N+1))$
21,17,21,17,20,17,20,14	$\psi(\psi_{N_2}(0))$
1,4,7,10,10,9,13,	$\psi(M(2; N + \omega))$
17,21,21,17,21,21	$\psi(\mathcal{W}(2; \mathcal{W} + \omega))$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,9,	$\psi(M(\omega;N+1))$
13,17,21,21,18	$\psi(\psi_{N_2}(\omega))$
1,4,7,10,10,9,	$\psi(M(\Omega;N+1))$
13,17,21,21,19	$\psi(\psi_{N_2}(\Omega))$
1,4,7,10,10,9,	$\psi(M(N;1))$
13,17,21,21,19,5	$\psi(\psi_{N_2}(N))$
1,4,7,10,10,9,	$\psi(\psi_{M(1,0;N+1)}(0))$
13,17,21,21,20,14	$\psi(\alpha \to \psi_{N_2}(\alpha) \text{ FP})$
	$\psi(M(1,0;N+1))$
1,4,7,10,10,9,13,	$\psi(\alpha \to \psi_{N_2}(\alpha) \text{ AP})$
17,21,21,20,17,20,14	$\psi(\psi_{\psi_{N_2}(N_2)}(0))$
	$\psi(M(2,0;N+1))$
1,4,7,10,10,9,13,17,21,21,	$\psi(2\mathrm{nd}\ \alpha \to \psi_{N_2}(\alpha)\ \mathrm{AP})$
20,17,21,21,20,17,20,14	$\psi(\psi_{\psi_{N_2}(N_2)}(1))$
	$\psi(M(\omega,0;N+1))$
1,4,7,10,10,9,	$\psi(1-2\ 1-2-2\ 1-2-2\ \text{aft}\ 2-2-2)$
13,17,21,21,20,18	$\psi(\psi_{\psi_{N_2}(N_2)}(\omega))$
1,4,7,10,10,9,	$\psi(M(\Omega,0;N+1))$
13,17,21,21,20,19	$\psi(\psi_{\psi_{N_2}(N_2)}(\Omega))$
	$\psi(\psi_{M(1,0,0;N+1)}(0))$
1,4,7,10,10,9,13,	$\psi(N_2)$
17,21,21,20,20,14	$\psi(2\text{nd }2-2-2)$
1,4,7,10,10,9,13,17,21,	$\psi(M(1,0,0;N+1))$
21,20,20,17,20,14	$\psi(N_2 + \psi_{\psi_{N_2}(N_2 \cdot 2)}(0))$
1,4,7,10,10,9,13,17,21,21,	$\psi(M(1,0,1;N+1))$
20,20,17,21,17,20,17,20,14	$\psi(N_2\cdot 2)$
1,4,7,10,10,9,13,17,21,	$\psi(M(1,0,\omega;N+1))$
21,20,20,17,21,21,18	$\psi(N_2\cdot\omega)$
1,4,7,10,10,9,13,17,21,	$\psi(M(1,0,\Omega;N+1))$
21,20,20,17,21,21,19	$\psi(N_2\cdot\Omega)$
1,4,7,10,10,9,13,17,21,	$\psi(M(1,0,N;1))$
21,20,20,17,21,21,19,5	$\psi(N_2\cdot N)$
1,4,7,10,10,9,13,17,21,	$\psi(\psi_{M(1,1,0;N+1)}(0))$
21,20,20,17,21,21,20,14	$\psi(\alpha \to N_2 \cdot \psi_{N_2}(\alpha) \text{ FP})$
1,4,7,10,10,9,13,17,	$\psi(M(1,1,0;N+1))$
21,21,20,20,17,21,	
21,20,17,20,14	$\psi(\alpha \to N_2 \cdot \psi_{N_2}(\alpha) \text{ AP})$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,9,13,	$\psi(M(1,2,0;N+1))$
17,21,21,20,20,17,21,21,	$\psi(2\operatorname{nd} \alpha \to N_2 \cdot \psi_{N_2}(\alpha) \text{ AP})$
20,17,21,21,20,17,20,14	
1,4,7,10,10,9,13,17,21,	$\psi(M(1,\omega,0;N+1))$
21,20,20,17,21,21,20,18	$\psi(N_2 \cdot \psi_{\psi_{N_2}(N_2^2)}(\omega))$
1,4,7,10,10,9,13,17,21,21,	$\psi(M(1,N,0;1))$
20,20,17,21,21,20,19,5	$\psi(N_2\cdot\psi_{\psi_{N_2}(N_2^2)}(N))$
1,4,7,10,10,9,13,17,21,21,	$\psi(\psi_{M(2,0,0;N+1)}(0))$
20,20,17,21,21,20,20,14	$\psi(N_2^2)$
1,4,7,10,10,9,13,	$\psi(M(\omega,0,0;N+1))$
17,21,21,20,20,18	$\psi(N_2^\omega)$
1,4,7,10,10,9,13,	$\psi(M(\Omega,0,0;N+1))$
17,21,21,20,20,19	$\psi(N_2^\Omega)$
1 ,4,7,10,10,9,13,	$\psi(\psi_{M(1,0,0,0;N+1)}(0))$
17,21,21,20,20,20,14	$\psi(N_2^{N_2})$
1,4,7,10,10,9,13,	$\psi(M(1@\omega;N+1))$
17,21,21,20,21	$\psi(N_2^{N_2^\omega})$
1,4,7,10,10,9,13,	$\psi(\psi_{\Omega_{N_2+1}}(0))$
17,21,21,20,25	$\psi((1-)^{1,0} \text{ aft } 2\text{nd } 2-2-2)$
1,4,7,10,10,9,13,17,21,	$\psi(\psi_{\Omega_{N_3+1}}(0))$
21,20,25,30,35,35,34,40	$\psi((1-)^{1,0} \text{ aft } 3\text{rd } 2-2-2)$
	$\psi(N_\omega)$
1,4,7,10,10,10	$\psi(1-2-2-2)$
	SNO
1.1.5.10.10.5	$\psi(N_{\omega^2})$
1,4,7,10,10,10,7	$\psi(1 - 1 - 2 - 2 - 2)$
1,4,7,10,10,10,7,9	$\psi(N_\Omega)$
1,4,7,10,10,10,	
7,9,4,7,10,10,9,13,17,21,	$\psi(N_N)$
21,21,17,21,21,17,19,7,9,5	
1,4,7,10,10,10,7,9,5	$\psi(\psi_{N(1,0)}(0))$
1,1,1,10,10,10,1,3,0	$\psi((1-)^{1,0} \ 2-2-2)$
1,4,7,10,10,	$\psi(N(1,0))$
10,7,9,7,9,5	$\psi(2\ 1-2-2-2)$
1,4,7,10,10,10,7,10	$\psi(N(1,\omega))$
1,4,1,10,10,10,1,10	$\psi(1-2\ 1-2-2-2)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,10,10,	$\psi(N(2,0))$
7,10,7,9,7,9,5	$\psi(2\ 1-2\ 1-2-2-2)$
1 4 7 10 10 10 7 10 7 10	$\psi(N(2,\omega))$
1,4,7,10,10,10,7,10,7,10	$\psi(1-2\ 1-2\ 1-2-2-2)$
1,4,7,10,10,10,7,10,8	$\psi(N(\omega,0))$
1,4,7,10,10,10,7,10,0	$\psi((2\ 1-)^{\omega}\ 2-2-2)$
1,4,7,10,10,10,	$\psi(N(1,0,0))$
7,10,9,7,9,5	$\psi((2\ 1-)^{1,1}\ 2-2-2)$
1,4,7,10,10,10,7,10,10	$\psi(1-2-2\ 1-2-2-2)$
1,4,7,10,10,10,	$\psi(1-2-2\ 1-2-2\ 1-2-2-2)$
7,10,10,7,10,10	ψ(1 2 21 2 21 2 2)
1,4,7,10,10,10,7,10,10,8	$\psi((2-2\ 1-)^{\omega}\ 2-2-2)$
1,4,7,10,10,10,7,10,10,10	$\psi(1-2-2-2 \ 1-2-2-2)$
1,4,7,10,10,10,8	$\psi((2-2-2\ 1-)^{\omega}\ 2-2-2)$
1,4,7,10,10,10,9	$\psi((2-2-2\ 1-)^{(2)}\ 2-2-2)$
1,4,7,10,10,10,9,5	$\psi((2-2-2\ 1-)^{1,0}\ 2-2-2)$
1,4,7,10,10,10,9,9,9,5	$\psi(2-2-2-2)$
1,4,7,10,10,10,10	$\psi(1-2-2-2-2)$
1,4,7,10,10,10, 10,7,9,7,9,5	$\psi(2\ 1-2-2-2-2)$
1,4,7,10,10,10,	
10,7,10,7,9,7,9,5	$\psi(2-2\ 1-2-2-2-2)$
1,4,7,10,10,10,10,7,10,	$\psi(2-2-2 \ 1-2-2-2-2)$
10,7,10,7,9,7,9,5	$\psi(z-z-z) = (z-z-z-z)$
1,4,7,10,10,10,	$\psi(1-2-2-2-2\ 1-2-2-2-2)$
10,7,10,10,10,10	,
1,4,7,10,10,10,10,8	$\psi((2-2-2-2\ 1-)^{\omega}\ 2-2-2-2)$
1,4,7,10,10,10,10,10	$\psi(1-2-2-2-2-2)$
1,4,7,10,10,10,10,10,10	$\psi(1-2-2-2-2-2-2)$
1,4,7,10,11	$\psi((2-)^{\omega})$
1,4,7,10,12	$\psi((2-)^{(2)})$
1,4,7,10,12,5	$\psi((2-)^{1,0})$
	$\psi(\psi_K(0))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,12,6, 10,14,18,21,11	$\psi(2\text{nd }(2-)^{1,0})$
1,4,7,10,12,7	$\psi(1-(2-)^{1,0})$
1,4,7,10,12,7,10	$\psi(1-2\ 1-(2-)^{1,0})$
1,4,7,10,12,7,10,10	$\psi(1-2-2\ 1-(2-)^{1,0})$
1,4,7,10,12,7,10,11	$\psi((2-)^{\omega} \ 1 - (2-)^{1,0})$
1,4,7,10,12,7,10,12	$\psi((2-)^{(2)} \ 1 - (2-)^{1,0})$
1,4,7,10,12,7,10,12,5	$\psi((2-)^{1,0} \ 1 - (2-)^{1,0})$
1,4,7,10,12,7,10,12,7	$\psi(1-(2-)^{1,0}\ 1-(2-)^{1,0})$
1,4,7,10,12,7, 10,12,7,10,12,5	$\psi(((2-)^{1,0} \ 1-)^2 \ (2-)^{1,0})$
1,4,7,10,12,8	$\psi(((2-)^{1,0} \ 1-)^{\omega} \ (2-)^{1,0})$
1,4,7,10,12,9	$\psi(((2-)^{1,0} \ 1-)^{(2)} \ (2-)^{1,0})$
1,4,7,10,12,9,5	$\psi(((2-)^{1,0} \ 1-)^{1,0} \ (2-)^{1,0})$
1,4,7,10,12,9,7,9,5	$\psi(((2-)^{1,0} \ 1-)^{1,1} \ (2-)^{1,0})$
1,4,7,10,12,9,7,10,12,5	$\psi(((2-)^{1,0}\ 1-)^{1,2}\ (2-)^{1,0})$
1,4,7,10,12,9,7,10,12,8	$\psi(((2-)^{1,0}\ 1-)^{1,\omega}\ (2-)^{1,0})$
1,4,7,10,12,9, 7,10,12,9,5	$\psi(((2-)^{1,0} \ 1-)^{2,0} \ (2-)^{1,0})$
1,4,7,10,12,9,8	$\psi(((2-)^{1,0}\ 1-)^{\omega,0}\ (2-)^{1,0})$
1,4,7,10,12,9,11,5	$\psi(((2-)^{1,0} \ 1-)^{1@(1,0)} \ (2-)^{1,0})$
1,4,7,10,12,10	$\psi(1-(2-)^{1,1})$
1,4,7,10,12,10,11	$\psi((2-)^{1,\omega})$ $\psi(\psi_K(\omega))$
1,4,7,10,12,10,12	$\psi((2-)^{1,\Omega})$ $\psi(\psi_K(\Omega))$
1,4,7,10,12,10,	$\frac{\psi(\psi_K(\Omega))}{\psi((2-)^{1,(2-)^{1,\Omega}})}$
12,4,7,10,12,10,12	$\psi(\psi_K(\psi_K(\Omega)))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1 4 7 10 10 10 10 7	$\psi((2-)^{2,0})$
	$\psi(\psi_K(K))$
1,4,7,10,12,10,12,5	$\psi(K)$
	$\psi(\Pi_3)$
1,4,7,10,12,10,12,	
5,4,7,10,12,10,12,5	$\psi(K + \psi_K(K))$
1,4,7,10,12,10,12,6,9	$\psi(K + \psi_{\Omega_{\psi_K(K)+1}}(0))$
1,4,7,10,12,10,	$\psi(K + I_{\psi_K(K) + \omega})$
12,6,10,14,18	$\psi(K + (1-2\ 1-2\ \text{aft}\ (2-)^{2,0}))$
1,4,7,10,12,10,	$\psi(K+M_{\psi_K(K)+\omega})$
12,6,10,14,18,18	$\psi(K + (1 - 2 - 2 \text{ aft } (2-)^{2,0}))$
1,4,7,10,12,10,	$\psi(K + ((2-)^{\omega} \text{ aft } (2-)^{2,0}))$
12,6,10,14,18,19	
1,4,7,10,12,10,	$\psi(K + ((2-)^{1,0} \text{ aft } (2-)^{2,0}))$
12,6,10,14,18,21,11	$\psi(K + \psi_K(K+1))$
1,4,7,10,12,10,12,6,10,	$\psi(K\cdot 2)$
14,18,21,18,21,11	$\psi(2\text{nd }(2-)^{2,0})$
1,4,7,10,12,10,12,7	$\psi(K\cdot\omega)$
	$\psi(1-(2-)^{2,0})$
1,4,7,10,12,10,12,10	$\psi(1-(2-)^{2,1})$
1,4,7,10,12,	$\psi(K^2)$
10,12,10,12,5	$\psi((2-)^{3,0})$
1,4,7,10,12,11	$\psi(K^\omega)$
1,1,1,10,12,11	$\frac{\psi((2-)^{\omega,0})}{\psi(K^K)}$
1,4,7,10,12,12,5	$\psi(K^K)$
1,1,1,10,12,12,0	$\frac{\psi((2-)^{1,0,0})}{\psi(K^{K^{\omega}})}$
1,4,7,10,12,14,15	
1,1,1,10,12,12,12	$\frac{\psi((2-)^{1@\omega})}{\psi(K^{K^K})}$
1,4,7,10,12,14,16,5	$\psi(K^{K^K})$
1,1,1,10,12,11,10,0	$\psi((2-)^{1@(1,0)})$
	$\psi(\psi_{\Omega_{K+1}}(0))$
1,4,7,10,12,15	$\psi(arepsilon_{K+1})$
1,1,1,10,12,10	$\psi((1-)^{1,0} \text{ aft } 3)$
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1,4,7,10,12,15,18	$\psi(\Omega_{K+1})$
1,4,1,10,12,10,10	$\psi(2 \text{ aft } 3)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,12,16	$\psi(\Omega_{K+\omega})$
	$\psi(1-2 ext{ aft } 3)$
1 4 7 10 10 10 20 24	$\psi(I_{K+\omega})$
1,4,7,10,12,16,20,24	$\psi(1-2\ 1-2\ {\rm aft}\ 3)$
1 4 7 10 19 16 90 94 94	$\psi(M_{K+\omega})$
1,4,7,10,12,16,20,24,24	$\psi(1-2-2 \text{ aft } 3)$
1 4 7 10 19 16 90 94 94 94	$\psi(N_{K+\omega})$
1,4,7,10,12,16,20,24,24,24	$\psi(1-2-2-2 \text{ aft } 3)$
1,4,7,10,12,16,20,24,25	$\psi((2-)^{\omega} \text{ aft } 3)$
1,4,7,10,12,16,20,24,26	$\psi((2-)^{(2)} \text{ aft } 3)$
1,4,7,10,12,16,20,	$\psi((2-)^{(2-)^{1,0}} \text{ aft } 3)$
24,26,4,7,10,12,5	$\psi((2-)^{\vee})$ art $3)$
1,4,7,10,12,16,20,24,	$\psi((2-)^{(2-)^{2,0}} \text{ aft } 3)$
26,4,7,10,12,10,12,5	7 ((-) 5.25 3)
1,4,7,10,12,16,20,	$\psi((2-)^{\psi_K(\psi_{\Omega_{K+1}}(0))} \text{ aft } 3)$
24,26,4,7,10,12,15	
1,4,7,10,12,16,20,24,26,5	$\psi((2-)^{(3)} \text{ aft } 3)$
1,4,7,10,12,16,20,24,27,17	$\psi((2-)^{1,0} \text{ aft } 3)$
1,4,1,10,12,10,20,24,21,11	$\psi(\psi_{K_2}(0))$
1,4,7,10,12,16,	$\psi(K_2)$
20,24,27,24,27,17	$\psi(ext{2nd }3)$
1 4 7 10 19 16 90 94 97 91	$\psi(\psi_{\Omega_{K_2+1}}(0))$
1,4,7,10,12,16,20,24,27,31	$\psi((1-)^{1,0} \text{ aft 2nd 3})$
1,4,7,10,12,16,20,	$\psi(\psi_{K_3}(0))$
24,27,32,37,42,46,28	$\psi((2-)^{1,0} \text{ aft 2nd 3})$
1 4 7 10 19	$\psi(K_\omega)$
1,4,7,10,13	$\psi(1-3)$
1,4,7,10,13,3	$\psi(K_{\omega}+1)$
1,4,7,10,13,4,7,10,13	$\psi(K_\omega \cdot 2)$
1,4,7,10,13,6,10,	$\psi(K_{\omega+1})$
14,18,21,18,21,11	$\psi(3 \text{ aft } 1-3)$
1,4,7,10,13,6,10,14,18,22	$\psi(K_{\omega \cdot 2})$
1 4 7 10 12 7	$\psi(K_{\omega^2})$
1,4,7,10,13,7	$\psi(1-1-3)$
1,4,7,10,13,7,9	$\psi(K_\Omega)$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,13,7,9,4,7,10,	$\psi(K_K)$
12,16,20,24,28,20,22,5 1,4,7,10,13,7,9,5	$\psi(\psi_{K(1,0)}(0))$ $\psi((1-)^{1,0} 3)$
1,4,7,10,13,7,10,8	$\psi((2\ 1-)^{\omega}\ 3)$
1,4,7,10,13,7,10,10	$\psi(1-2-2\ 1-3)$
1,4,7,10,13,7,10,11	$\psi((2-)^{\omega} \ 1-3)$
1,4,7,10,13,7,10,12	$\psi((2-)^{\Omega} \ 1-3)$
1,4,7,10,13,7,10,12,5	$\psi((2-)^{1,0} \ 1-3)$
1,4,7,10,13,7,10,13	$\psi(1-3\ 1-3)$
1,4,7,10,13, 7,10,13,7,10,13	$\psi(1-3\ 1-3\ 1-3)$
1,4,7,10,13,8	$\psi((3\ 1-)^{\omega}\ 3)$
1,4,7,10,13,9	$\psi((3\ 1-)^{\Omega}\ 3)$
1,4,7,10,13,9,5	$\psi((3\ 1-)^{1,0}\ 3)$
1,4,7,10,13,10	$\psi(1-2-3)$
1,4,7,10,13, 10,4,7,10,13,10	$\psi(1-2-3\ 1-2-3)$
1,4,7,10,13,10,10	$\psi(1-2-2-3)$
1,4,7,10,13,10,11	$\psi((2-)^{\omega} 3)$
1,4,7,10,13,10,12,5	$\psi((2-)^{1,0} 3)$
1,4,7,10,13,10,13	$\psi(1-3\ 2-3)$
1,4,7,10,13,10, 13,7,10,13,10,13	$\psi(1-3\ 2-3\ 1-3\ 2-3)$
1,4,7,10,13,10,13,10,13	$\psi(1-3\ 2-3\ 2-3)$
1,4,7,10,13,11	$\psi((3\ 2-)^{\omega}\ 3)$
1,4,7,10,13,12,5	$\psi((3\ 2-)^{1,0}\ 3)$
1,4,7,10,13,13	$\psi(1-3-3)$
1,4,7,10,13,13,7,10,13	$\psi(1-3\ 1-3-3)$
1,4,7,10,13,13,7,10,13,13	$\psi(1-3-3\ 1-3-3)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,13,13,10	$\psi(1-2-3-3)$
1,4,7,10,13,13,10,13	$\psi(1-3\ 2-3-3)$
1,4,7,10,13,13,10,13,13	$\psi(1-3-3\ 2-3-3)$
1,4,7,10,13,13,13	$\psi(1-3-3-3)$
1,4,7,10,13,14	$\psi((3-)^{\omega})$
1,4,7,10,13,15,5	$\psi((3-)^{1,0})$
1,4,7,10,13,15,13,15,5	$\psi((3-)^{2,0})$ $\psi(\Pi_4)$ $\psi(\kappa)$
1,4,7,10,13,16	$\psi(\kappa_\omega) \ \psi(1-4)$
1,4,7,10,13,16,7	$\psi(\kappa_{\omega^2}) \ \psi(1-1-4)$
1,4,7,10,13,16,7,10	$\psi(1-2\ 1-4)$
1,4,7,10,13,16,7,10,10	$\psi(1-2-2\ 1-4)$
1,4,7,10,13,16,7,10,12,5	$\psi((2-)^{1,0} \ 1-4)$
1,4,7,10,13,16,7,10,13	$\psi(1-3\ 1-4)$
1,4,7,10,13,16,7,10,13,10	$\psi(1-2-3\ 1-4)$
1,4,7,10,13,16, 7,10,13,10,13	$\psi(1-3\ 2-3\ 1-4)$
1,4,7,10,13,16,7,10,13,13	$\psi(1-3-3\ 1-4)$
1,4,7,10,13,16,7,10,13,14	$\psi((3-)^{\omega} \ 1-4)$
1,4,7,10,13,16,7,10,13,16	$\psi(1-4\ 1-4)$
1,4,7,10,13,16,8	$\psi((4\ 1-)^{\omega}\ 4)$
1,4,7,10,13,16,10	$\psi(1-2-4)$
1,4,7,10,13,16,10,13	$\psi(1-3\ 2-4)$
1,4,7,10,13,16,10,13,16	$\psi(1-4\ 2-4)$
1,4,7,10,13,16,11	$\psi((4\ 2-)^{\omega}\ 4)$
1,4,7,10,13,16,13	$\psi(1-3-4)$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,7,10,13,16,13,14	$\psi((3-)^{\omega} 4)$
1,4,7,10,13,16,13,16	$\psi(1-4\ 3-4)$
1,4,7,10,13,16,14	$\psi((4\ 3-)^{\omega}\ 4)$
1,4,7,10,13,16,16	$\psi(1-4-4)$
1,4,7,10,13,16,16,13,16	$\psi(1-4\ 3-4-4)$
1,4,7,10,13,16,16,13,16,16	$\psi(1-4-4\ 3-4-4)$
1,4,7,10,13,16,16,16	$\psi(1-4-4-4)$
1,4,7,10,13,16,17	$\psi((4-)^{\omega})$
1,4,7,10,13,16,18	$\psi((4-)^{(2)})$
1,4,7,10,13,16,19	$\psi(1-5)$
1,4,7,10,13,16,19,10	$\psi(1-2-5)$
1,4,7,10,13,16,19,13	$\psi(1-3-5)$
1,4,7,10,13,16,19,16	$\psi(1-4-5)$
1,4,7,10,13,16,19,19	$\psi(1-5-5)$
1,4,7,10,13,16,19,20	$\psi((5-)^{\omega})$
1,4,7,10,13,16,19,22	$\psi(1-6)$
1,4,7,10,13,16,19,22,25	$\psi(1-7)$
1,4,7,10,13,16,19,22,25,28	$\psi(1-8)$
1,4,7,10,13,16, 19,22,25,28,31	$\psi(1-9)$
1,4,7,10,13,16, 19,22,25,28,31,34	$\psi(1-10)$
1,4,8	$\psi(\lambda \alpha.(\alpha+1) - \Pi_0) \ \psi(\psi_a(a_2))$
1,4,8,5	$\psi(\psi_a(\psi_{a_2}(a_2)+1))$
1,4,8,6	$\psi(\psi_a(\psi_{a_2}(a_2) + \psi_a(0)))$
1,4,8,6,4,8	$\psi(\psi_a(\psi_{a_2}(a_2) + \psi_a(\psi_{a_2}(a_2))))$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,6,9	$\psi((1-)^{1,0} \text{ aft } \omega)$
	$\psi(\psi_{\Omega_{\lambda\alpha.(\alpha+1)-\Pi_0+1}}(0))$
	$\psi(\psi_a(\psi_{a_2}(a_2)+a))$
1 4 0 6 0 10	$\psi(2 \text{ aft } \omega)$
1,4,8,6,9,12	$\psi(\psi_a(\psi_{a_2}(a_2) + \Omega_{a+1}))$
1 4 9 6 10 14 17 14 17 11	$\psi(2-2 \text{ aft } \omega)$
1,4,8,6,10,14,17,14,17,11	$\psi(\psi_a(\psi_{a_2}(a_2) + \Omega_{a+1}^{\Omega_{a+1}}))$
1 4 9 6 10 14 19 19 19	$\psi(1-2-2-2 \text{ aft } \omega)$
1,4,8,6,10,14,18,18,18	$\psi(\psi_a(\psi_{a_2}(a_2) + \Omega_{a+1}^{\Omega_{a+1}^2} \cdot \omega))$
1 4 9 6 10 14 19 10	$\psi((2-)^{\omega} \text{ aft } \omega)$
1,4,8,6,10,14,18,19	$\psi(\psi_a(\psi_{a_2}(a_2) + \Omega_{a+1}^{\Omega_{a+1}^\omega}))$
1 4 7 10 6 10 14 10 22	$\psi(1-3 \text{ aft } \omega)$
1,4,7,10,6,10,14,18,22	$\psi(\psi_a(\psi_{a_2}(a_2) + \Omega_{a+1}^{\Omega_{a+1}^{\Omega_{a+1}}} \cdot \omega))$
	$\psi(1-4 \text{ aft } \omega)$
1,4,8,6,10,14,18,22,26	$\psi(\psi_a(\psi_{a_2}(a_2) + \Omega_{a+1}^{\Omega_{a+1}^{\Omega_{a+1}}} \cdot \omega))$
	$\frac{\psi(\psi_a(\psi_{a_2}(a_2) + \Omega_{a+1}^{a_{1}} - \omega))}{\psi(\text{2nd }\omega)}$
1,4,8,6,10,15	, , ,
	$\frac{\psi(\psi_a(\psi_{a_2}(a_2)\cdot 2))}{\psi(\operatorname{3rd}\omega)}$
1,4,8,6,10,15,13,18,24	
	$\frac{\psi(\psi_a(\psi_{a_2}(a_2)\cdot 3))}{\psi(1-\omega)}$
1,4,8,7	$\psi(\psi_a(\psi_{a_2}(a_2+1)))$
	$\psi(\psi_a(\psi_a(\omega_2+1)))$ $\psi(1-1-\omega)$
1,4,8,7,7	$\psi(\psi_a(\psi_{a_2}(a_2+2))))$
	$\psi((1-)^{\Omega}\omega)$
1,4,8,7,9	$\psi(\psi_a(\psi_{a_2}(a_2+\psi_a(0))))$
	$\psi((1-)^{1,0}\ \omega)$
1,4,8,7,9,5	$\psi(\psi_a(\psi_{a_2}(a_2+a)))$
	$\psi(1-2 1-\omega)$
1,4,8,7,10	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}+1}\cdot\Omega_{a+1}\cdot\omega))$
	$\psi(\psi_a(\psi_{a_2}(a_2 + \psi_{a_2}(0) + 1)))$
1 4 0 7 10 10	$\psi(1-2-2 1-\omega)$
1,4,8,7,10,10	$\psi(\psi_a(arepsilon_{\Omega_{a+1}+1}\cdot\Omega_{a+1}^{\Omega_{a+1}}\cdot\omega))$
1 4 0 7 10 11	$\psi((2-)^{\omega} \ 1-\omega)$
1,4,8,7,10,11	$\psi(\psi_a(arepsilon_{\Omega_{a+1}+1}\cdot\Omega_{a+1}^{\Omega_{a+1}^\omega}))$
1 4 0 7 10 19	$\psi(1-3\ 1-\omega)$
1,4,8,7,10,13	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}+1}\cdot\Omega_{a+1}^{\Omega_{a+1}^{\Omega_{a+1}}}\cdot\omega))$
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0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,7,10,13,16	$\psi(1-4\ 1-\omega)$
	$\psi(\omega 1 - \omega)$
1,4,8,7,11	$\psi(\psi_a(\varepsilon^2_{\Omega_{a+1}+1}))$
	$\psi(\psi_a(\psi_{a_2}(a_2+\psi_{a_2}(a_2))))$
1,4,8,7,11,7	$\psi(1-\omega 1-\omega)$
2,2,0,1,22,1	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}+1}^2\cdot\omega))$
1,4,8,7,11,7,10	$\psi(1-2\ 1-\omega\ 1-\omega)$
1,4,8,7,11,7,10,13	$\psi(1-3\ 1-\omega\ 1-\omega)$
1,4,8,7,11,7,11	$\psi(\omega \ 1 - \omega \ 1 - \omega)$
1,4,0,1,11,1,11	$\psi(\psi_a(\varepsilon^3_{\Omega_{a+1}+1}))$
1,4,8,7,11,8	$\psi((\omega \ 1-)^{\omega} \ \omega)$
-, -, -, -, -, -	$\frac{\psi(\psi_a(\varepsilon_{\Omega_{a+1}+1}^{\omega}))}{\psi((\omega \ 1-)^{(2)} \ \omega)}$
1,4,8,7,11,9	
	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}+1}^{\psi_a(0)}))$
	$\psi((\omega \ 1-)^{1,0} \ \omega)$
1,4,8,7,11,9,5	$\psi(\psi_a(arepsilon^a_{\Omega_{a+1}+1}))$
	$\psi(\psi_a(\psi_{a_2}(a_2 + \psi_{a_2}(a_2 + a))))$
1,4,8,7,11,10	$\psi(1-2-\omega)$
	$\frac{\psi(\psi_a(\varepsilon_{\Omega_{a+1}+1}^{\Omega_{a+1}}\cdot\omega))}{\psi(1-3\ 2-\omega)}$
1,4,8,7,11,10,13	$\psi(\Psi_a(arepsilon_{\Omega_{a+1}+1}^{\Omega_{a+1}^2}\cdot\omega))$
	$\psi(\omega \ 2 - \omega)$
1,4,8,7,11,10,14	$\psi(\psi_a(arepsilon_{\Omega_{a+1}+1}^{arepsilon_{\Omega_{a+1}+1}}))$
1,4,8,7,11,10,14,13,17	$\psi(\omega \ 3 - \omega)$
	$\psi(\omega-\omega)$
1.400	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha+1) - \Pi_0)$
1,4,8,8	$\psi(\psi_a(arepsilon_{\Omega_{a+1}+2}))$
	$\psi(\psi_a(\psi_{a_2}(a_2\cdot 2)))$
1 4 0 0 0	$\psi(\omega-\omega-\omega)$
1,4,8,8,8	$\frac{\psi(\psi_a(\varepsilon_{\Omega_{a+1}+3}))}{\psi((\omega-)^\omega)}$
1,4,8,9	$\psi((\omega-)^\omega)$
1,1,0,0	$\frac{\psi(\psi_a(\varepsilon_{\Omega_{a+1}+\omega}))}{\psi((\omega-)^{(2)})}$
1,4,8,10	$\psi((\omega-)^{(2)})$
	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}+\psi_a(0)}))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1 4 0 10 5	$\psi((\omega-)^{1,0})$
1,4,8,10,5	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}+a}))$
1.40.10.0	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}+a}))$ $\psi((\omega-)^{1,1})$
1,4,8,10,8	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}+a+1}))$
1.40.10.0.10.5	$\frac{\psi(\psi_a(\varepsilon_{\Omega_{a+1}+a+1}))}{\psi((\omega-)^{2,0})}$
1,4,8,10,8,10,5	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}+a\cdot 2}))$
1,4,8,10,13	$\psi((1-)^{1,0} \text{ aft } (\omega+1))$
1.4011	$\psi(1-(\omega+1))$
1,4,8,11	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2}\cdot\omega))$
1.40.11.7	$\psi(1-1-(\omega+1))$
1,4,8,11,7	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2}\cdot\omega^2))$
1.40.11.7.10	$\psi(1-2 \ 1-(\omega+1))$
1,4,8,11,7,10	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2}\cdot\Omega_{a+1}\cdot\omega))$
	$\psi(1-3 \ 1-(\omega+1))$
1,4,8,11,7,10,13	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2}\cdot \Omega_{a+1}^{\Omega_{a+1}^{\Omega_{a+1}}}\cdot \omega))$
1 4 0 11 7 11	$\psi(\omega \ 1 - (\omega + 1))$
1,4,8,11,7,11	$\psi(\psi_a(arepsilon_{\Omega_{a+1}\cdot 2}\cdotarepsilon_{\Omega_{a+1}+1}))$
1 4 0 11 7 11 11	$\psi(\omega-\omega\ 1-(\omega+1))$
1,4,8,11,7,11,11	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2}\cdot\varepsilon_{\Omega_{a+1}+2}))$
1,4,8,11,7,11,14	$\psi(1 - (\omega + 1) \ 1 - (\omega + 1))$
1,4,0,11,7,11,14	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2}^2))$
1,4,8,11,7,11,14,10	$\psi(1-2-(\omega+1))$
1,4,0,11,7,11,14,10	$\psi(\psi_a(arepsilon_{\Omega_{a+1}\cdot 2}^{\Omega_{a+1}}\cdot\omega))$
1,4,8,11,7,11,14,10,14	$\psi(\omega \ 2 - (\omega + 1))$
1,4,0,11,1,11,14,10,14	$\frac{\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2}^{\varepsilon_{\Omega_{a+1}+1}}))}{\psi(1-(\omega+1)\ 2-(\omega+1))}$
1,4,8,11,7,11,14,10,14,17	
1,1,0,11,1,11,10,11,11	$\psi(\psi_a(arepsilon_{\Omega_{a+1}\cdot 2}^{arepsilon_{\Omega_{a+1}\cdot 2}}\cdot\omega))$
1,4,8,11,7,11,	$\psi(1-3-(\omega+1))$
14,10,14,17,13	
1,4,8,11,7,11,	$\psi(1 - (\omega + 1) \ 3 - (\omega + 1))$
14,10,14,17,13,17,20	$\psi(\omega - (\omega + 1))$
1,4,8,11,8	
	$\frac{\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2+1}))}{\psi(\omega-\omega-(\omega+1))}$
1,4,8,11,8,8	
	$\psi(\psi_a(arepsilon_{\Omega_{a+1}\cdot 2+2}))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,11,8,9	$\psi((\omega-)^{\omega} \ (\omega+1))$
	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2+\omega}))$
1,4,8,11,8,10,5	$\psi((\omega-)^{1,0}\ (\omega+1))$
1,4,0,11,0,10,0	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 2+a}))$
1,4,8,11,8,11	$\psi(1-(\omega+1)\ \omega-(\omega+1))$
1,4,0,11,0,11	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot 3}))$
1,4,8,11,9	$\psi(((\omega+1)\ \omega-)^{\omega}\ (\omega+1))$
1,4,0,11,9	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot\omega}))$ $\psi(((\omega+1)\ \omega-)^{1,0}\ (\omega+1))$
1,4,8,11,10,5	$\psi(((\omega+1)\ \omega-)^{1,0}\ (\omega+1))$
1,4,8,11,10,5	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}\cdot a}))$
1,4,8,11,11	$\psi(1-(\omega+1)-(\omega+1))$
1,4,0,11,11	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^2}\cdot\omega))$
1 4 0 11 19	$\psi(((\omega+1)-)^{\omega})$
1,4,8,11,12	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}^\omega}))$ $\psi(((\omega+1)-)^{1,0})$
1 4 0 11 19 5	$\psi(((\omega+1)-)^{1,0})$
1,4,8,11,13,5	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^a}))$
1.10.11.1	$\psi(1-(\omega+2))$
1,4,8,11,14	$\psi(\psi_a(arepsilon_{lpha_{a+1}}^{\Omega_{a+1}}))$
	$\psi(\omega-(\omega+2))$
1,4,8,11,14,8	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^{\Omega_{a+1}}+1}))$
	$\psi(1-(\omega+1) \ \omega-(\omega+2))$
1,4,8,11,14,8,11	$\psi(\psi_a(\varepsilon_{\Omega_{a+1}^{\Omega_{a+1}}+\Omega_{a+1}}\cdot\omega))$
	$\psi(1 - (\omega + 2) \omega - (\omega + 2))$
1,4,8,11,14,8,11,14	
	$\frac{\psi(\psi_a(\varepsilon_{\Omega_{a+1}^{\Omega_{a+1}} \cdot 2} \cdot \omega))}{\psi(((\omega+2) \ \omega-)^{1,0} \ (\omega+2))}$
1,4,8,11,14,10,5	
	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^{\Omega_{a+1}}.a}))$
1,4,8,11,14,11	$\psi(1-(\omega+1)-(\omega+2))$
1,1,0,111,111,111	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^{\Omega_{a+1}+1}}\cdot\omega))$
1 4 0 11 14 11 14	$\psi(1 - (\omega + 2) \ (\omega + 1) - (\omega + 2))$
1,4,8,11,14,11,14	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^{\Omega_{a+1}\cdot 2}}\cdot\omega))$
	$\psi(((\omega+2) \ (\omega+1)-)^{1,0} \ (\omega+2))$
1,4,8,11,14,13,5	$\psi(\psi_a(arepsilon_{\Omega^{\Omega_{a+1}\cdot a}}))$
	$\frac{\psi(\psi_a(\varepsilon_{\Omega_{a+1}^{\Omega_{a+1}\cdot a}}))}{\psi(1-(\omega+2)-(\omega+2))}$
1,4,8,11,14,14	
	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^{\Omega_{a+1}^2}}\cdot\omega))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,11,14,14,11,14	$\psi(1 - (\omega + 2) \ (\omega + 1) - (\omega + 2) - (\omega + 2))$
	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^{\Omega_{a+1}^2+\Omega_{a+1}}\cdot\omega))$
	$\psi(1-(\omega+2)-(\omega+2)-(\omega+2))$
1,4,8,11,14,14,14	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^{\Omega_{a+1}^3}}\cdot\omega))$
	$\psi(((\omega+2)-)^{\omega})$
1,4,8,11,14,15	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^{\Omega_{a+1}^\omega}}))$
	$\psi(1-(\omega+3))$
1,4,8,11,14,17	$\psi(\psi_a(arepsilon_{\Omega_{a+1}^{\Omega_{a+1}}}\cdot\omega))$
1,4,8,11,14,17,20	$\psi(1-(\omega+4))$
	$\psi(\Pi_{\omega \cdot 2})$
1.40.11.15	$\psi(\psi_a(arepsilon_{arepsilon_{\Omega_a+1}+1}))$
1,4,8,11,15	$\psi(\psi_a(\psi_{a_2}(a_2\cdot\psi_{a_2}(a_2))))$
	$\psi(\lambda\alpha.(\alpha+2)-\Pi_0)$
1 4 0 11 15 0	$\psi(\omega-(\omega\cdot 2))$
1,4,8,11,15,8	$\psi(\psi_a(\varepsilon_{\varepsilon_{\Omega_{a+1}+1}+1}))$
1,4,8,11,15,8,11	$\psi(1-(\omega+1)\ \omega-(\omega\cdot 2))$
1,4,0,11,10,0,11	$\psi(\psi_a(\varepsilon_{\varepsilon_{\Omega_{a+1}+1}+\Omega_{a+1}}\cdot\omega))$
1,4,8,11,15,8,11,15	$\psi((\omega \cdot 2) \ \omega - (\omega \cdot 2))$
1,1,0,11,10,0,11,10	$\psi(\psi_a(\varepsilon_{\varepsilon_{\Omega_{a+1}+1}\cdot 2}))$
1,4,8,11,15,11	$\psi(1-(\omega+1)-(\omega\cdot 2))$
_, _, _, _,	$\psi(\psi_a(\varepsilon_{\varepsilon_{\Omega_{a+1}+1}}\cdot\Omega_{a+1}\cdot\omega))$
1,4,8,11,15,11,15	$\psi((\omega \cdot 2) \ (\omega + 1) - (\omega \cdot 2))$
	$\psi(\psi_a(\varepsilon_{\varepsilon_{\Omega_{a+1}+1}^2}))$ $\psi(1 - (\omega + 2) - (\omega \cdot 2))$
1,4,8,11,15,14	
1,4,0,11,10,14	$\psi(\psi_a(arepsilon_{arepsilon_{\Omega_{a+1}+1}}^{\Omega_{a+1}}\cdot\omega))$
1 40 11 15 14 10	$\psi((\omega \cdot 2) \ (\omega + 2) - (\omega \cdot 2))$
1,4,8,11,15,14,18	$\psi(\psi_a(arepsilon_{arepsilon_{\Omega_{a+1}+1}}^{arepsilon_{\Omega_{a+1}+1}}))$
1,4,8,11,15,15	$\psi((\omega \cdot 2) - (\omega \cdot 2))$
1,1,0,11,10,10	$\psi(\psi_a(arepsilon_{arepsilon_{\Omega_{a+1}+2}}))$
1,4,8,11,15,16	$\psi(((\omega\cdot 2)-)^{\omega})$
1,1,0,11,10,10	$\psi(\psi_a(\varepsilon_{\varepsilon_{\Omega_{a+1}+\omega}}))$ $\psi(1-(\omega\cdot 2+1))$
1,4,8,11,15,18	
	$\psi(\psi_a(arepsilon_{arepsilon_{\Omega_{a+1}\cdot 2}}\cdot\omega))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,11,15,18,15	$\psi((\omega\cdot 2)-(\omega\cdot 2+1))$
	$\psi(\psi_a(arepsilon_{arepsilon_{\Omega_{a+1}\cdot 2+1}}))$
1,4,8,11,15,18,15,18	$\psi(1-(\omega\cdot 2+1)\ (\omega\cdot 2)-(\omega\cdot 2+1))$
1,1,0,11,10,10,10,10	$\psi(\psi_a(arepsilon_{arepsilon\Omega_{a+1}\cdot 3}))$
1,4,8,11,15,18,18	$\psi(1-(\omega\cdot 2+1)-(\omega\cdot 2+1))$
1,1,0,11,10,10	$\psi(\psi_a(arepsilon_{arepsilon_{\Omega^2_{a+1}}}\cdot\omega))$
1,4,8,11,15,18,20,5	$\psi(((\omega\cdot 2+1)-)^{1,0})$
1,4,0,11,10,10,20,0	$\psi(\psi_a(\varepsilon_{\varepsilon_{\Omega^a_{a+1}}}))$
1 4 0 11 17 10 01	$\psi(1-(\omega\cdot 2+2))$
1,4,8,11,15,18,21	$\psi(\psi_a(arepsilon_{arepsilon_{a+1}}^{\Omega_{a+1}}\cdot\omega))$
1,4,8,11,15,18,21,24	$\psi(1-(\omega\cdot 2+3))$
	$\psi(\Pi_{\omega\cdot 3})$
1 4 0 11 17 10 00	$\psi(\psi_a(arepsilon_{arepsilon_{arOmega_{a+1}+1}}))$
1,4,8,11,15,18,22	$\psi(\psi_a(\psi_{a_2}(a_2 \cdot \psi_{a_2}(a_2 \cdot \psi_{a_2}(a_2)))))$
	$\psi(\lambda\alpha.(\alpha+3)-\Pi_0)$
1 4 0 11 15 10 22 25 20	$\psi(\Pi_{\omega\cdot 4})$
1,4,8,11,15,18,22,25,29	$\psi(\lambda\alpha.(\alpha+4)-\Pi_0)$
	$\psi(\Pi_{\omega^2})$
1,4,8,12	$\psi(\psi_a(\zeta_{\Omega_{a+1}+1}))$
1,4,0,12	$\psi(\psi_a(\psi_{a_2}(a_2^2)))$
	$\psi(\lambda lpha.(lpha+\omega)-\Pi_0)$
	$\psi(\omega-(\omega^2))$
1,4,8,12,8	$\psi(\psi_a(arepsilon_{\zeta_{\Omega_{a+1}+1}+1}))$
	$\psi(\psi_a(\psi_{a_2}(a_2^2 + a_2)))$
	$\psi(1-(\omega+1) \ \omega-(\omega^2))$
1,4,8,12,8,11	$\psi(\psi_a(\varepsilon_{\zeta_{\Omega_{a+1}+1}+\Omega_{a+1}}\cdot\omega))$
	$\psi(\psi_a(\psi_{a_2}(a_2^2 + a_2 \cdot \psi_{a_2}(0) + 1)))$
1,4,8,12,8,11,14	$\psi(1-(\omega+2)\ \omega-(\omega^2))$
1,4,8,12,8,11,15	$\psi((\omega \cdot 2) \ \omega - (\omega^2))$
1,7,0,12,0,11,10	$\psi(\psi_a(\varepsilon_{\zeta_{\Omega_{a+1}+1}+\varepsilon_{\Omega_{a+1}}}))$
	$\psi((\omega^2) \ \omega - (\omega^2))$
1,4,8,12,8,11,15,19	$\psi(\psi_a(\varepsilon_{\zeta_{\Omega_{a+1}+1}\cdot 2}))$
	$\psi(\psi_a(\psi_{a_2}(a_2^2 + a_2 \cdot \psi_{a_2}(a_2^2))))$
1,4,8,12,8,11,15,19,9	$\psi(((\omega^2) \ \omega -)^\omega \ (\omega^2))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,8,12,8,11,15,19,11	$\psi(1-(\omega+1)-(\omega^2))$
	$\psi(\psi_a(\varepsilon_{\zeta_{\Omega_{a+1}+1}\cdot\Omega_{a+1}}\cdot\omega))$
1,4,8,12,8,11,15,19,11,14	$\psi(1 - (\omega + 2) \ (\omega + 1) - (\omega^2))$
	$\psi(\psi_a(\varepsilon_{\zeta_{\Omega_{a+1}+1}\cdot\Omega_{a+1}^{\Omega_{a+1}}}\cdot\omega))$
1 4 0 10 0 11 15 10 11 15	
1,4,8,12,8,11,15,19,11,15	$\psi((\omega \cdot 2) (\omega + 1) - (\omega^2))$
1,4,8,12,8,11,	$\psi((\omega^2) \ (\omega+1)-(\omega^2))$
15,19,11,15,19	$\psi(\psi_a(arepsilon_{\zeta^2_{\Omega_{a+1}+1}}))$
	$\psi(\psi_a(\psi_{a_2}(a_2^2 + a_2 \cdot \psi_{a_2}(a_2^2 + \psi_{a_2}(a_2^2)))))$
	$\psi(1-(\omega+2)-(\omega^2))$
1,4,8,12,8,11,15,19,14	$\psi(\psi_a(\varepsilon_{\zeta_{\Omega_{a+1}+1}^{\Omega_{a+1}}}\cdot\omega))$
	$\psi(\psi_a(\psi_{a_2}(a_2^2 + a_2 \cdot \psi_{a_2}(a_2^2 + \psi_{a_2}(a_2^2 + \psi_{a_2}(0))) + 1)))$
1,4,8,12,8,11,15,19,14,17	$\psi(1 - (\omega + 3) \ (\omega + 2) - (\omega^2))$
1,4,8,12,8,11,	$\psi((\omega^2) \ (\omega+2)-(\omega^2))$
15,19,14,18,22	$\psi(\psi_a(arepsilon_{\zeta_{\Omega_{a+1}+1}}^{\zeta_{\Omega_{a+1}+1}}))$
1,4,8,12,8,11,	
15,19,14,18,22,15	$\psi(((\omega^2) (\omega+2)-)^{\omega} (\omega^2))$
1,4,8,12,8,11,	$\psi(1-(\omega+3)-(\omega^2))$
15,19,14,18,22,17	
	$\psi((\omega \cdot 2) - (\omega^2))$
1,4,8,12,8,11,15,19,15	$\psi(\psi_a(\varepsilon_{\varepsilon_{\zeta_{\Omega_{a+1}+1}+1}}))$
	$\psi(\psi_a(\psi_{a_2}(a_2^2 + a_2 \cdot \psi_{a_2}(a_2^2 + a_2)))))$
1,4,8,12,8,11,15,19,15,18	$\psi(1-(\omega\cdot 2+1)\ (\omega\cdot 2)-(\omega^2))$
1,4,0,12,0,11,19,19,19,10	$\psi(\psi_a(\varepsilon_{\varepsilon_{\zeta_{\Omega_{a+1}+1}+\Omega_{a+1}\cdot 2}}\cdot\omega))$
1,4,8,12,8,11,	$\psi((\omega^2) \ (\omega \cdot 2) - (\omega^2))$
15,19,15,18,22,26	$\psi(\psi_a(arepsilon_{arepsilon_{\zeta_{\Omega_{a+1}+1}\cdot 2}}))$
1,4,8,12,8,11,15,	$\psi(1 - (\omega \cdot 2 + 1) - (\omega^2))$
19,15,18,22,26,21	
1,4,8,12,8,11,15,	$\psi((\omega\cdot 3)-(\omega^2))$
19,15,18,22,26,22	$\psi(\psi_a(\varepsilon_{\varepsilon_{\varepsilon_{\zeta_{\Omega_{a+1}+1}+1}}}))$
10,10,10,22,20,22	$\psi(\psi_a(\psi_{a_2}(a_2^2 + a_2 \cdot \psi_{a_2}(a_2^2 + a_2 \cdot \psi_{a_2}(a_2^2 + a_2))))))$
1,4,8,12,8,12	$\psi((\omega^2) - (\omega^2))$
	$\psi(\psi_a(\zeta_{\Omega_{a+1}+2}))$
	$\psi(\psi_a(\psi_{a_2}(a_2^2\cdot 2)))$
1,4,8,12,9	$\psi(((\omega^2)-)^\omega)$
1,4,0,14,9	$\psi(\psi_a(\psi_{a_2}(a_2^2\cdot\omega)))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,12,10,5	$\psi(((\omega^2)-)^{1,0})$
	$\psi(\psi_a(\psi_{a_2}(a_2^2\cdot a)))$
1,4,8,12,11	$\psi(1-(\omega^2+1))$
	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(0) + 1)))$
1 4 0 10 11 0 10	$\psi((\omega^2) - (\omega^2 + 1))$
1,4,8,12,11,8,12	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(0) + a_2^2)))$
1 4 0 10 11 0 10 11	$\psi(1-(\omega^2+1) \ (\omega^2)-(\omega^2+1))$
1,4,8,12,11,8,12,11	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(0) \cdot 2 + 1)))$
1 4 0 10 11 10 5	$\psi(((\omega^2+1) \ (\omega^2)-)^{1,0} \ (\omega^2+1))$
1,4,8,12,11,10,5	$\psi(\psi_a(\psi_{a_2}(a_2^2\cdot\psi_{a_2}(a))))$
1 4 0 19 11 11	$\psi(1-(\omega^2+1)-(\omega^2+1))$
1,4,8,12,11,11	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(\psi_{a_2}(0)))))$
1,4,8,12,11,12	$\psi(((\omega^2+1)-)^{\omega})$
1,4,0,12,11,12	$\psi(\psi_a(\psi_{a_2}(a_2^2\cdot\psi_{a_2}(\psi_{a_2}(\psi_{a_2}(1))))))$
1,4,8,12,11,14	$\psi(1-(\omega^2+2))$
1 4 0 10 11 15	$\psi(\Pi_{\omega^2+\omega})$
1,4,8,12,11,15	$\psi(\psi_{a}(\psi_{a_{2}}(a_{2}^{2}\cdot\psi_{a_{2}}(a_{2})))$
1 4 0 10 11 15 0 10	$\psi((\omega^2) - (\omega^2 + \omega))$
1,4,8,12,11,15,8,12	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(a_2) + a_2^2)))$
1,4,8,12,11,15,8,12,11	$\psi(1-(\omega^2+1) \ (\omega^2)-(\omega^2+\omega))$
1,4,0,12,11,10,0,12,11	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(a_2) + a_2^2 \cdot \psi_{a_2}(0) + 1)))$
1 4 8 19 11 15 8 19 11 15	$\psi((\omega^2 + \omega) \ (\omega^2) - (\omega^2 + \omega))$
1,4,8,12,11,15,8,12,11,15	$\psi(\psi_a(\psi_{a_2}(a_2^2\cdot\psi_{a_2}(a_2)\cdot 2)))$
1,4,8,12,11,15,11	$\psi(1-(\omega^2+1)-(\omega^2+\omega))$
1,4,0,12,11,10,11	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(a_2 + \psi_{a_2}(0)) + 1)))$
1,4,8,12,11,15,11,12	$\psi(((\omega^2+1)-)^{\omega} \ (\omega^2+\omega))$
1,4,0,12,11,10,11,12	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(a_2 + \psi_{a_2}(1)))))$
1,4,8,12,11,15,11,15	$\psi((\omega^2 + \omega) \ (\omega^2 + 1) - (\omega^2 + \omega))$
1,1,0,12,11,10,11,10	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(a_2 + \psi_{a_2}(a_2))))))$
1,4,8,12,11,15,14	$\psi(1-(\omega^2+2)-(\omega^2+\omega))$
1 4 0 10 11 15 15	$\psi((\omega^2 + \omega) - (\omega^2 + \omega))$
1,4,8,12,11,15,15	$\psi(\psi_{a}(\psi_{a_{2}}(a_{2}^{2}\cdot\psi_{a_{2}}(a_{2}\cdot2))))$
1 4 0 10 11 17 10	$\psi((1-(\omega^2+\omega+1)))$
1,4,8,12,11,15,18	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(a_2 \cdot \psi_{a_2}(0)))))$
1,4,8,12,11,15,18,22	$\psi(\Pi_{\omega^2+\omega\cdot 2})$
	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(a_2 \cdot \psi_{a_2}(a_2)))))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,12,11,15,19	$\psi(\Pi_{\omega^2\cdot 2})$
	$\psi(\psi_a(\psi_{a_2}(a_2^2 \cdot \psi_{a_2}(a_2^2))))$
1,4,8,12,12	$\psi(\Pi_{\omega^3})$
	$\psi(\psi_a(\psi_{a_2}(a_2^3)))$
	$\psi(\lambda\alpha.(\alpha+\omega^2)-\Pi_0)$
	$\psi(\Pi_{\omega^4})$
1,4,8,12,12,12	$\psi(\psi_a(\psi_{a_2}(a_2^4)))$
	$\psi(\lambda\alpha.(\alpha+\omega^3)-\Pi_0)$
1 4 0 19 19	$\psi(\Pi_{\omega^\omega})$
1,4,8,12,13	$\psi(\psi_a(\psi_{a_2}(a_2^\omega)))$
1,4,8,12,13,15	$\psi(\Pi_{\psi(0)})$
1,4,0,12,10,10	$\psi(\psi_a(\psi_{a_2}(a_2^{\psi(0)})))$
1,4,8,12,13,16,20	$\psi(\Pi_{\psi(\Pi_{\omega})})$
1,1,0,12,10,10,20	$\psi(\psi_a(\psi_{a_2}(a_2^{\psi(\psi_a(a_2))})))$
1,4,8,12,14	$\psi(\Pi_\Omega)$
1,1,0,12,11	$\psi(\psi_a(\psi_{a_2}(a_2^{\psi_a(0)})))$
1,4,8,12,14,4	$\psi(\Pi_{\Omega_\omega})$
1,4,8,12,14,4,8	$\psi(\Pi_{\Pi_{\omega}})$
1,4,8,12,14,4,8,12,14	$\psi(\Pi_{\Pi_\Omega})$
1,4,8,12,14,5	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0)$
1,4,0,12,14,0	$\psi(\psi_a(\psi_{a_2}(a_2^a)))$
1,4,8,12,14,5,3	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 + 1)$
1,1,0,12,11,0,0	$\psi(\psi_a(a_2^a)+1)$
1,4,8,12,14,7	$\psi(1-\lambda\alpha.(\alpha\cdot 2)-\Pi_0)$
, , , , , , , , , , , , , , , , , , , ,	$\psi(\psi_a(\psi_{a_2}(a_2^a+1)))$
1,4,8,12,14,8	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\alpha\cdot 2) - \Pi_0)$
	$\psi(\psi_a(\psi_{a_2}(a_2^2+a_2)))$
1,4,8,12,14,8,12	$\psi((\omega^2) - (\lambda \alpha . (\alpha \cdot 2) - \Pi_0))$
	$\psi(\psi_a(\psi_{a_2}(a_2^a + a_2^2)))$ $\psi(\lambda \alpha.(\alpha + \Omega) - \Pi_0 - \lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
1,4,8,12,14,8,12,14	$\psi(\lambda \alpha.(\alpha + \Omega) - \Pi_0 - \lambda \alpha.(\alpha \cdot 2) - \Pi_0)$ $\psi(\psi_a(\psi_{a_2}(a_2^a + a_2^{\psi_a(0)})))$
1,4,8,12,14,8,	$\psi(\lambda \alpha.(\alpha + \lambda \alpha.(\alpha \cdot 2) - \Pi_0) - \Pi_0 - \lambda \alpha.(\alpha \cdot 2) - \Pi_0)$
12,14,4,8,12,14,5	$\psi(\psi_a(\psi_{a_2}(a_2^a + a_2^{\psi_a(\psi_{a_2}(a_2^a))})))$
	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 - \lambda\alpha.(\alpha\cdot 2) - \Pi_0)$
1,4,8,12,14,8,12,14,5	$\psi(\psi_a(\psi_{a_2}(a_2^a\cdot 2)))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,12,14,8,	$\psi((\lambda\alpha.(\alpha\cdot 2) - \Pi_0 -)^3)$
12,14,8,12,14,5	$\psi(\psi_a(\psi_{a_2}(a_2^a\cdot 3)))$
1,4,8,12,14,9	$\psi((\lambda\alpha.(\alpha\cdot 2)-\Pi_0-)^{\omega})$
	$\psi(\psi_a(\psi_{a_2}(a_2^a\cdot\omega)))$
1 4 0 10 14 10 5	$\psi((\lambda\alpha.(\alpha\cdot 2) - \Pi_0 -)^{1,0})$
1,4,8,12,14,10,5	$\psi(\psi_a(\psi_{a_2}(a_2^a\cdot a)))$
1 4 0 10 14 11	$\psi(1-\lambdalpha.(lpha\cdot 2)-\Pi_1)$
1,4,8,12,14,11	$\psi(\psi_a(\psi_{a_2}(a_2^a \cdot \psi_{a_2}(0) + 1)))$
1 4 0 10 14 11 0 10 14 5	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 - \lambda\alpha.(\alpha\cdot 2) - \Pi_1)$
1,4,8,12,14,11,8,12,14,5	$\psi(\psi_a(\psi_{a_2}(a_2^a \cdot \psi_{a_2}(0) + a_2^a)))$
	$\psi(1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_1 \ \lambda \alpha.(\alpha \cdot 2)$
1,4,8,12,14,11,8,12,14,11	$-\Pi_0 - \lambda \alpha . (\alpha \cdot 2) - \Pi_1)$
	$\psi(\psi_a(\psi_{a_2}(a_2^a\cdot\psi_{a_2}(0)\cdot 2+1)))$
1.40.10.14.11.11	$\psi(1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_1 - \lambda \alpha.(\alpha \cdot 2) - \Pi_1)$
1,4,8,12,14,11,11	$\psi(\psi_a(\psi_{a_2}(a_2^a \cdot \psi_{a_2}(\psi_{a_2}(0)) + 1)))$
1,4,8,12,14,11,14	$\psi(1-\lambda\alpha.(\alpha\cdot2)-\Pi_2)$
	$\psi(\lambda\alpha.(\alpha\cdot 2+1)-\Pi_0)$
1,4,8,12,14,11,15	$\psi(\psi_a(a_2^a\cdot\psi_{a_2}(a_2)))$
1 4 0 10 14 11 17 10 01	$\psi(\lambda\alpha.(\alpha\cdot 2+\Omega)-\Pi_0)$
1,4,8,12,14,11,15,19,21	$\psi(\psi_a(\psi_{a_2}(a_2^a\cdot\psi_{a_2}(a_2^{\psi_a(0)}))))$
1 4 0 10 14 11 17 10 01 7	$\psi(\lambda\alpha.(\alpha\cdot3)-\Pi_0)$
1,4,8,12,14,11,15,19,21,5	$\psi(\psi_a(\psi_{a_2}(a_2^a\cdot\psi_{a_2}(a_2^a))))$
1,4,8,12,14,11,	$\psi(\lambda\alpha.(\alpha\cdot3) - \Pi_0 - \lambda\alpha.(\alpha\cdot3) - \Pi_0)$
15,19,21,15,19,21,5	$\psi(\psi_a(a_2^a\cdot\psi_{a_2}(a_2^a\cdot 2)))$
1,4,8,12,14,11,	$\psi(\lambda\alpha.(\alpha\cdot3+1)-\Pi_0)$
15,19,21,18,22	$\psi(\psi_{a}(a_{2}^{a}\cdot\psi_{a_{2}}(a_{2}^{a}\cdot\psi_{a_{2}}(a_{2}))))$
1,4,8,12,14,11,	$\psi(\lambda lpha.(lpha\cdot 4)-\Pi_0)$
15,19,21,18,22,26,28,5	$\psi(\psi_{a}(a_{2}^{a}\cdot\psi_{a_{2}}(a_{2}^{a}\cdot\psi_{a_{2}}(a_{2}^{a}))))$
1,4,8,12,14,12	$\psi(\lambda lpha.(lpha\cdot\omega)-\Pi_0)$
1,4,0,12,14,12	$\psi(\psi_a(a_2^{a+1}))$
1,4,8,12,14,12,	$\psi(\lambda\alpha.(\alpha\cdot\omega+\alpha)-\Pi_0)$
11,15,19,21,5	$\psi(\psi_a(a_2^{a+1}\cdot\psi_{a_2}(a_2^a)))$
1,4,8,12,14,12,	$\psi(\lambda\alpha.(\alpha\cdot\omega\cdot2)-\Pi_0)$
11,15,19,21,19	$\psi(\psi_a(a_2^{a+1}\cdot\psi_{a_2}(a_2^{a+1})))$
1 4 8 19 14 19 19	$\psi(\lambda\alpha.(\alpha\cdot\omega^2)-\Pi_0)$
1,4,8,12,14,12,12	$\psi(\psi_a(a_2^{a+2}))$

MOCF/反射 OCF/稳定 OCF
$\psi(\lambda\alpha.(\alpha\cdot\Omega)-\Pi_0)$
$\psi(\psi_a(a_2^{a+\psi_a(0)}))$
$\psi(\lambda\alpha.(\alpha\cdot\lambda\alpha.(\alpha\cdot\omega)-\Pi_0)-\Pi_0)$
$\psi(\psi_{a}(a_{2}^{a+\psi_{a}(a_{2}^{a+1})}))$
$\psi(\lambda lpha.(lpha^2) - \Pi_0) \ \psi(\psi_a(a_2^{a\cdot 2}))$
$\psi(\lambda\alpha.(\alpha^2+\alpha)-\Pi_0)$
$\psi(\psi_a(a_2^{a\cdot 2}\cdot\psi_{a_2}(a_2^a)))$
$\psi(\lambda\alpha.(\alpha^2\cdot 2) - \Pi_0)$
$\psi(\psi_a(a_2^{a\cdot 2}\cdot\psi_{a_2}(a_2^{a\cdot 2})))$
$\psi(\lambda \alpha.(\alpha^2 \cdot \omega) - \Pi_0)$
$\psi(\psi_a(a_2^{a\cdot 2+1}))$
$\psi(\lambda\alpha.(\alpha^3)-\Pi_0)$
$\psi(\psi_a(a_2^{a\cdot 3}))$
$\psi(\lambda \alpha.(\alpha^{\omega}) - \Pi_0)$
$\psi(\psi_a(a_2^{a\cdot\omega}))$
$\psi(\lambda \alpha.(\alpha^{\Omega}) - \Pi_0)$
$\psi(\psi_a(a_2^{a\cdot\psi_a(0)}))$
$\psi(\lambda \alpha.(\alpha^{lpha}) - \Pi_0)$
$\psi(\psi_a({a_2^a}^{\!2}))$
$\psi(\lambda \alpha.(\alpha^{\alpha+1}) - \Pi_0)$
$\psi(\psi_a(a_2^{a^2+a}))$
$\psi(\lambda \alpha.(\alpha^{\alpha \cdot 2}) - \Pi_0)$
$\psi(\psi_a(a_2^{a^2\cdot 2}))$
$\psi(\lambda \alpha.(\alpha^{\alpha^2}) - \Pi_0)$
$\psi(\psi_a(a_2^{a^3}))$
$\psi(\lambda \alpha.(\alpha^{\alpha^{\alpha}}) - \Pi_0)$
$\psi(\psi_a({a_2^a}^a))$
$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)) - \Pi_0)$
$\psi(\lambda \alpha.(\varepsilon_{\alpha+1}) - \Pi_0)$
$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(0)}))$
$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0) + \alpha) - \Pi_0)$
$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(0)}\cdot\psi_{a_2}(a_2^a)))$
V/1 V/a 1 U/a 1 U/
$\frac{\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0)+\alpha^{\alpha})-\Pi_{0})}{\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0)+\alpha^{\alpha})-\Pi_{0})}$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,12,14,17,	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0)\cdot 2) - \Pi_0)$
11,15,19,21,24	$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(0)} \cdot \psi_{a_2}(a_2^{\psi_{\Omega_{a+1}}(0)})))$
1,4,8,12,14,17,12	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)\cdot\omega)-\Pi_0)$
	$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(0)+1}))$
1,4,8,12,14,17,12,14,17	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(0)^2) - \Pi_0)$
_, _, _,,,,,,,	$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(0)\cdot 2}))$
1,4,8,12,14,17,13	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)^{\omega}) - \Pi_0)$
	$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(0)\cdot\omega}))$
1,4,8,12,14,17,14,5	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)^{\alpha}) - \Pi_0)$
	$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(0)\cdot a}))$
1,4,8,12,14,17,14,17	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(0)^{\psi_{\Omega_{\alpha+1}}(0)}) - \Pi_0)$
1,4,8,12,14,17,17	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(1)) - \Pi_0)$
	$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(1)}))$ $\psi(\lambda \alpha.(\psi_{\Omega_{a+1}}(\omega)) - \Pi_0)$
1,4,8,12,14,17,18	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\omega)) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{\Omega_{\alpha+1}}(\omega)}))$
	$\psi(\psi_a(a_2))$ $\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\alpha)) - \Pi_0)$
1,4,8,12,14,17,19,5	$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(a)}))$
	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+1}}(0))) - \Pi_0)$
1,4,8,12,14,17,19,22	$\psi(\psi_{a}(a_{2}^{\psi_{\Omega_{a+1}}(\psi_{\Omega_{a+1}}(0))}))$
1 4 0 10 14 17 90	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_0)$
1,4,8,12,14,17,20	$\psi(\psi_a(a_2^{\psi_{\Omega_{a+1}}(\Omega_{a+1})}))$
1,4,8,12,14,17,20,23	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}^{\Omega_{\alpha+1}})) - \Pi_0)$
1,4,8,12,14,17,21	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\psi_{\Omega_{\alpha+2}}(0))) - \Pi_0)$
1,4,8,12,14,18	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+\omega})) - \Pi_0)$
1,4,8,12,14,18,22,26	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(I_{\alpha+\omega})) - \Pi_0)$
1,4,8,12,14,18,22,26,26	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(M_{\alpha+\omega})) - \Pi_0)$
1,4,8,12,14,18,22,26,30	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(K_{\alpha+\omega})) - \Pi_0)$
1,4,8,12,14,18,23	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'+1)-\Pi_0))-\Pi_0)$
1,4,8,12,14,18,23,28,30,5	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\alpha'+\alpha)-\Pi_0))-\Pi_0)$
1,4,8,12,14,18,23,28,30,33	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'+\psi_{\Omega_{\alpha+1}}(0))-\Pi_0))-\Pi_0))$
1,4,8,12,14,18, 23,28,30,33,36	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}))-\Pi_0))-\Pi_0)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,12,14,18,23,28,31	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha' + \Omega_{\alpha+1}) - \Pi_0)) - \Pi_0)$
1,4,8,12,14,18,23,28,31,18	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha' + \Omega_{\alpha+\omega}) - \Pi_0)) - \Pi_0)$
1,4,8,12,14,18,23,28,31,19	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\alpha'\cdot 2)-\Pi_0)))-\Pi_0)$
1,4,8,12,14,18,23,28,31,28	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha' \cdot \omega) - \Pi_0)) - \Pi_0)$
1,4,8,12,14,18, 23,28,31,28,31,19	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\alpha'^2)-\Pi_0))-\Pi_0)$
1,4,8,12,14,18, 23,28,31,31,19	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'^{\alpha'}) - \Pi_0)) - \Pi_0)$
1,4,8,12,14,18,23,28,31,35	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+1}}(0)) - \Pi_0)) - \Pi_0)$
1,4,8,12,14,18, 23,28,31,35,39	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+1}}(\Omega_{\alpha'+1})) - \Pi_0)) - \Pi_0))$
1,4,8,12,14,18,23,28,31,36	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+1}}(\Omega_{\alpha'+\omega})) - \Pi_0)) - \Pi_0))$
1,4,8,12,14,18,	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.$
23,28,31,36,42	$(\psi_{\Omega_{\alpha'+1}}(\lambda\alpha''.(\alpha''+1)-\Pi_0))-\Pi_0))-\Pi_0)$
1,4,8,12,14,18,23,	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\psi_{\Omega_{\alpha'+1}}(\lambda\alpha''.$
28,31,36,42,48,52,57	$(\psi_{\Omega_{\alpha''+1}}(0)) - \Pi_0)) - \Pi_0)) - \Pi_0)$
1,4,8,12,15	$\psi(\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1)$ $\psi(\psi_a(a_2^{\psi_{a_2}(0)}))$
1,4,8,12,15,3	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 + 1)$
1,4,8,12,15,7	$\psi(1 - \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1)$ $\psi(\psi_a(a_2^{\psi_{a_2}(0)} + \psi_{a_2}(a_2^{\psi_{a_2}(0)} + 1)))$
1,4,8,12,15,8	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1)$
1,4,8,12,15,8,12	$\psi(\lambda\alpha.(\alpha+\omega)-\Pi_0-\lambda\alpha.(\Omega_{\alpha+1})-\Pi_0)$
1,4,8,12,15,8,12,14,5	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1)$
1,4,8,12,15,8,12,15	$\psi(\lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_1)$
1,4,8,12,15,9	$\psi((\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 -)^{\omega})$
1,4,8,12,15,10,5	$\psi((\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 -)^{1,0})$
1,4,8,12,15,11	$\psi(1 - \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2)$
1,4,8,12,15,11,8,12,15,11	$\psi(1 - \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2 \ \lambda \alpha.$ $(\Omega_{\alpha+1}) - \Pi_1 - \lambda \alpha.(\Omega_{\alpha+1}) - \Pi_2)$
1,4,8,12,15,11,11	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_2 - \lambda\alpha.(\Omega_{\alpha+1}) - \Pi_2)$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,12,15,11,12	$\psi((\lambda\alpha.(\Omega_{\alpha+1})-\Pi_2-)^{\omega})$
1,4,8,12,15,11,14	$\psi(1-\lambda\alpha.(\Omega_{\alpha+1})-\Pi_3)$
1,4,8,12,15,11,15	$\psi(\lambda \alpha. (\Omega_{\alpha+1} + 1) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{a_2}(0)} \cdot \psi_{a_2}(a_2)))$
1,4,8,12,15,11,15,19	$\psi(\lambda \alpha. (\Omega_{\alpha+1} + \omega) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{a_2}(0)} \cdot \psi_{a_2}(a_2^2)))$
1,4,8,12,15,11,15,19,21,5	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha)-\Pi_0)$
1,4,8,12,15,11, 15,19,21,18,22,26,28,5	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha\cdot 2)-\Pi_0)$
1,4,8,12,15,11,15,19,21,19	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha\cdot\omega)-\Pi_0)$
1,4,8,12,15,11, 15,19,21,19,21,5	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\alpha^2)-\Pi_0)$
1,4,8,12,15,11,15,19,21,24	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)$
1,4,8,12,15,11, 15,19,21,24,24	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(1))-\Pi_0)$
1,4,8,12,15,11, 15,19,21,24,27	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}))-\Pi_0)$
1,4,8,12,15,11,15,19,21,25	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+\omega}))-\Pi_0)$
1,4,8,12,15,11, 15,19,21,25,30	$\psi(\lambda\alpha.(\Omega_{\alpha+1}+\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\alpha'+1)-\Pi_0))-\Pi_0)$
1,4,8,12,15,11,15, 19,21,25,30,35,37,5	$\psi(\lambda \alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha' + \alpha) - \Pi_0)) - \Pi_0)$
1,4,8,12,15,11,15,19,21, 25,30,35,38,35,38,26	$\psi(\lambda \alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha' \cdot 2) - \Pi_0)) - \Pi_0)$
1,4,8,12,15,11,15,	$\psi(\lambda\alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\lambda\alpha'.$
19,21,25,30,35,38,42	$(\psi_{\Omega_{\alpha'+1}}(0)) - \Pi_0)) - \Pi_0)$
1,4,8,12,15,11,15, 19,21,25,30,35,39	$\psi(\lambda\alpha.(\Omega_{\alpha+1} + \psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\alpha'+1}) - \Pi_1)) - \Pi_0)$
1,4,8,12,15,11,15,19,22	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 2) - \Pi_0)$
1,4,8,12,15,11,15, 19,22,18,22,26,29	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot 3)-\Pi_0)$
1,4,8,12,15,12	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\omega))$
1,4,8,12,15,12,14,5	$\psi(\lambda \alpha. (\Omega_{\alpha+1} \cdot \alpha) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{a_2}(0)+a}))$
	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,8,12,15,12,14,17,20	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1}))-\Pi_0)$
1,4,8,12,15,12,14,18	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+\omega}))-\Pi_0)$
1,4,8,12,15,12,14,18,23	$\psi(\lambda \alpha.(\Omega_{\alpha+1} \cdot \psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\alpha'+1) - \Pi_0)) - \Pi_0)$
1,4,8,12,15,12, 14,18,23,28,32	$\psi(\lambda \alpha.(\Omega_{\alpha+1} \cdot \psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\Omega_{\alpha'+1}) - \Pi_1)) - \Pi_0)$
1,4,8,12,15,12, 14,18,23,28,32,28	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\alpha'+1}\cdot\omega)-\Pi_0))-\Pi_0)$
1,4,8,12,15,12, 14,18,23,28,32,28,30,19	$\psi(\lambda \alpha.(\Omega_{\alpha+1} \cdot \psi_{\Omega_{\alpha+1}}(\lambda \alpha'.(\Omega_{\alpha'+1} \cdot \alpha') - \Pi_0)) - \Pi_0)$
1,4,8,12,15,12,14,	$\psi(\lambda\alpha.(\Omega_{\alpha+1}\cdot\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.$
18,23,28,32,28,31,35	$(\Omega_{\alpha'+1} \cdot \psi_{\Omega_{\alpha'+1}}(0)) - \Pi_0) - \Pi_0)$
1,4,8,12,15,12,15	$\psi(\lambda \alpha. (\Omega_{\alpha+1}^2) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{a_2}(0) \cdot 2}))$
1,4,8,12,15,12,15,12,15	$\psi(\lambda\alpha.(\Omega_{\alpha+1}^3)-\Pi_0)$
1,4,8,12,15,13	$\psi(\lambda \alpha. (\Omega_{\alpha+1}^{\omega}) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{a_2}(1)}))$
1,4,8,12,15,14,5	$\psi(\lambda\alpha.(\Omega_{\alpha+1}^{\alpha})-\Pi_0)$
1,4,8,12,15,14,17	$\psi(\lambda\alpha.(\Omega_{\alpha+1}^{\psi_{\Omega_{\alpha+1}}(0)}) - \Pi_0)$
1,4,8,12,15,14,17,20	$\psi(\lambda\alpha.(\Omega_{\alpha+1}^{\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})}) - \Pi_0)$
1,4,8,12,15,14,18,23,28,32	$\psi(\lambda\alpha.(\Omega_{\alpha+1}^{\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\alpha'+1})-\Pi_1)})-\Pi_0)$
1,4,8,12,15,14, 18,23,28,32,31,19	$\psi(\lambda \alpha. (\Omega_{\alpha+1}^{\psi_{\Omega_{\alpha+1}}(\lambda \alpha'. (\Omega_{\alpha'+1}^{\alpha'}) - \Pi_0)}) - \Pi_0)$
1,4,8,12,15,15	$\psi(\lambda \alpha. (\Omega_{\alpha+1}^{\Omega_{\alpha+1}}) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{a_2}(\psi_{a_2}(0))}))$
1,4,8,12,15,16	$\psi(\lambda\alpha.(\Omega_{\alpha+1}^{\Omega_{\alpha+1}^{\omega}}) - \Pi_0)$
1,4,8,12,15,18	$\psi(\lambda\alpha.(\Omega_{\alpha+1}^{\Omega_{\alpha+1}^{\Omega_{\alpha+1}}}) - \Pi_0)$
1,4,8,12,15,19	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(0)) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{a_2}(a_2)}))$
1,4,8,12,15,19,19	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(1)) - \Pi_0) \ \psi(\psi_a(a_2^{\psi_{a_2}(a_2 \cdot 2)}))$
1,4,8,12,15,19,23	$\psi(\lambda \alpha. (\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{a_2}(a_2^2)}))$
1,4,8,12,15,19,23,19,23	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}\cdot 2)) - \Pi_0)$

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0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,8,12,15,19,23,20	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}\cdot\omega))-\Pi_0)$
1,4,8,12,15,19,23,21,5	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}\cdot\alpha))-\Pi_0)$
1,4,8,12,15,19,23,22	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}\cdot\Omega_{\alpha+1}))-\Pi_0)$
1,4,8,12,15,19,23,23	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^2)) - \Pi_0)$
1,4,8,12,15,19,23,26	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\Omega_{\alpha+1}})) - \Pi_0)$
1,4,8,12,15,19,23,26,30	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\psi_{\Omega_{\alpha+2}}(0)})) - \Pi_0)$
1,4,8,12,15,19, 23,26,30,34,37	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\Omega_{\alpha+1}})})) - \Pi_0)$
1,4,8,12,16	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\Omega_{\alpha+2}})) - \Pi_0)$
1,4,8,12,16,20	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\Omega_{\alpha+2}^{\Omega_{\alpha+2}}})) - \Pi_0)$
1,4,8,13	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(0))) - \Pi_0)$ $\psi(\psi_a(a_2^{\psi_{a_2}(a_2^3)}))$
1,4,8,13,18	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+3})) - \Pi_0)$
1,4,8,14	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+\omega})) - \Pi_0)$
1,4,8,14,20,26	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(I_{\alpha+\omega})) - \Pi_0)$
1,4,8,14,21	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'+1)-\Pi_0))-\Pi_0)$
1,4,8,14,21,28,30,5	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'+\alpha)-\Pi_0))-\Pi_0)$
1,4,8,14,21,28,33,15	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\alpha'\cdot 2) - \Pi_0)) - \Pi_0)$
1,4,8,14,21,28,33,39	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+1}}(0)) - \Pi_0)) - \Pi_0)$
1,4,8,14,21,28,34	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\Omega_{\alpha'+1}) - \Pi_1)) - \Pi_0)$
1,4,8,14,21,28,35	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\Omega_{\alpha'+1}^{\Omega_{\alpha'+1}}) - \Pi_0)) - \Pi_0)$
1,4,8,14,21,29	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(0)) - \Pi_0)) - \Pi_0))$
1,4,8,14,21,29,37	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\Omega_{\alpha'+2})) - \Pi_0)) - \Pi_0))$
1,4,8,14,21,30	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\Omega_{\alpha'+\omega})) - \Pi_0)) - \Pi_0))$
1,4,8,14,21,30,40	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha+2}}(\lambda \alpha'.(\psi_{\Omega_{\alpha'+2}}(\lambda \alpha''.(\alpha''+1)-\Pi_0))-\Pi_0))-\Pi_0))$
	$(\psi_{\Omega_{\alpha'+2}}(\lambda\alpha''.(\alpha''+1)-\Pi_0))-\Pi_0))-\Pi_0)$ $\psi(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1)$
1,4,9	$\psi(\psi_a(\Omega_{a_2+1}))$ BGO
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0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,3	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 + 1)$
1,4,9,8	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
1,4,9,8,12,14,5	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
1,4,9,8,12,15	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
1,4,9,8,12,15,19	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(0)) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
1,4,9,8,12,15,19,23	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
1,4,9,8,12,15,19,25	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+\omega})) - \Pi_0 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_0)$
1,4,9,8,12,15,20	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)$
1,4,9,8,12,15,	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda\alpha.$
20,8,12,15,20	$(\Omega_{\alpha+2}) - \Pi_1 - \lambda \alpha \cdot (\Omega_{\alpha+2}) - \Pi_1)$
1,4,9,8,12,15,20,9	$\psi((\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1)^{\omega})$
1,4,9,8,12,15,20,11	$\psi(1 - \lambda \alpha.(\Omega_{\alpha+2}) - \Pi_2)$
1,4,9,8,12,15,20,11,15	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+1)-\Pi_0)$
1,4,9,8,12,15,20,11,15,19	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\omega)-\Pi_0)$
1,4,9,8,12,15, 20,11,15,19,21	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\Omega)-\Pi_0)$
1,4,9,8,12,15, 20,11,15,19,21,5	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\alpha)-\Pi_0)$
1,4,9,8,12,15, 20,11,15,19,21,24	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)$
1,4,9,8,12,15, 20,11,15,19,22	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\Omega_{\alpha+1})-\Pi_0)$
1,4,9,8,12,15, 20,11,15,19,22,26	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(0))-\Pi_0)$
1,4,9,8,12,15, 20,11,15,19,22,26,30	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}))-\Pi_0)$
1,4,9,8,12,15, 20,11,15,19,23	$\psi(\lambda \alpha. (\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2}^{\Omega_{\alpha+2}})) - \Pi_0)$
1,4,9,8,12,15,20,11,15,20	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\psi_{\Omega_{\alpha+3}}(0))) - \Pi_0)$
1,4,9,8,12,15,20,11,15,21	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+\omega})) - \Pi_0)$
1,4,9,8,12,15, 20,11,15,21,28	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\alpha'+1) - \Pi_0)) - \Pi_0)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,8,12,15, 20,11,15,21,28,35,41	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\Omega_{\alpha'+1})-\Pi_1))-\Pi_0)$
1,4,9,8,12,15, 20,11,15,21,29	$\psi(\lambda\alpha.(\Omega_{\alpha+2} + \psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\Omega_{\alpha'+2}) - \Pi_1)) - \Pi_0)$
1,4,9,8,12,15,20,11,15,	$\psi(\lambda\alpha.(\Omega_{\alpha+2}+\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.$
21,29,28,35,41,49,34,41	$(\Omega_{\alpha'+2} + 1) - \Pi_0)) - \Pi_0)$
1,4,9,8,12,15,20,11,16	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 2)-\Pi_0)$
1,4,9,8,12,15,20,11,16, 15,19,22,27,18,23	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot 3)-\Pi_0)$
1,4,9,8,12,15,20,12	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega)-\Pi_0)$
1,4,9,8,12,15,20,12,12	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\omega^2)-\Pi_0)$
1,4,9,8,12,15,20,12,14,5	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\alpha)-\Pi_0)$
1,4,9,8,12,15,20,12,14,17	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\psi_{\Omega_{\alpha+1}}(0))-\Pi_0)$
1,4,9,8,12,15,20,12,15	$\psi(\lambda\alpha.(\Omega_{\alpha+2}\cdot\Omega_{\alpha+1})-\Pi_0)$
1,4,9,8,12,15,20,12,15,20	$\psi(\lambda\alpha.(\Omega_{\alpha+2}^2) - \Pi_0)$
1,4,9,8,12,15,20,13	$\psi(\lambda\alpha.(\Omega_{\alpha+2}^{\omega})-\Pi_0)$
1,4,9,8,12,15,20,14,5	$\psi(\lambda\alpha.(\Omega_{\alpha+2}^{\alpha})-\Pi_0)$
1,4,9,8,12,15,20,15	$\psi(\lambda\alpha.(\Omega_{\alpha+2}^{\Omega_{\alpha+1}}) - \Pi_0)$
1,4,9,8,12,15,20,15,20	$\psi(\lambda\alpha.(\Omega_{\alpha+2}^{\Omega_{\alpha+2}}) - \Pi_0)$
1,4,9,8,12,15,20,19	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(0)) - \Pi_0)$
1,4,9,8,12,15,20,19,23	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3})) - \Pi_0)$
1,4,9,8,12,15, 20,19,23,19,23	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}\cdot 2))-\Pi_0)$
1,4,9,8,12,15,20,19,23,23	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}^2))-\Pi_0)$
1,4,9,8,12,16	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+3}^{\Omega_{\alpha+3}}))-\Pi_0)$
1,4,9,8,13	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\psi_{\Omega_{\alpha+4}}(0))) - \Pi_0)$
1,4,9,8,14	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\Omega_{\alpha+\omega})) - \Pi_0)$
1,4,9,8,14,21	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\lambda\alpha'.(\alpha'+1)-\Pi_0))-\Pi_0)$
1,4,9,8,14,21,28,34	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\lambda\alpha'.(\Omega_{\alpha'+1})-\Pi_1))-\Pi_0)$
1,4,9,8,14,22	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+3}}(\lambda\alpha'.(\Omega_{\alpha'+2})-\Pi_1))-\Pi_0)$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,9,8,14,22,21,28,35	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+3}}(\lambda \alpha'.(\psi_{\Omega_{\alpha+3}}(0)) - \Pi_0)) - \Pi_0))$
1,4,9,9	$\psi(\lambda\alpha.(\Omega_{\alpha+3}) - \Pi_1)$
1,4,3,3	$\psi(\psi_a(\Omega_{a_2+1}\cdot 2))$
1,4,9,9,9	$\psi(\lambda\alpha.(\Omega_{\alpha+4})-\Pi_1)$
, , , ,	$\psi(\psi_a(\Omega_{a_2+1}\cdot 3))$
1,4,9,10	$\psi(\lambda \alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
	$\frac{\psi(\psi_a(\Omega_{a_2+1} \cdot \omega))}{\psi(\lambda \alpha.(\Omega_{\alpha+\omega}) - \Pi_0 + 1)}$
1,4,9,10,3	$\psi(\lambda a.(\Omega_{a_2+\omega})-\Pi_0+1) \ \psi(\psi_a(\Omega_{a_2+1}\cdot\omega)+1)$
1.40.10.7	
1,4,9,10,7	$\psi(1 - \lambda \alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
1,4,9,10,8	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
1,4,9,10,8,12,15	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
1,4,9,10,8,12,15,20	$\psi(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
1,4,9,10,8,12,15,20,20	$\psi(\lambda\alpha.(\Omega_{\alpha+3}) - \Pi_1 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
1,4,9,10,8,12,15,20,21	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha+\omega}) - \Pi_0)$
1,4,9,10,8,12,15,20,21,11	$\psi(1 - \lambda \alpha.(\Omega_{\alpha + \omega}) - \Pi_2)$
1,4,9,10,8,12,	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}+1)-\Pi_0)$
15,20,21,11,15	
1,4,9,10,8,12,15, 20,21,11,15,19,21,5	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}+\alpha)-\Pi_0)$
1,4,9,10,8,12,15,	//) /(2
20,21,11,15,19,22	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}+\Omega_{\alpha+1})-\Pi_0)$
1,4,9,10,8,12,15,	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}+\Omega_{\alpha+2})-\Pi_0)$
20,21,11,15,20	, (((((((((((((((((((
1,4,9,10,8,12,15, 20,21,11,15,20,21	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot 2)-\Pi_0)$
1,4,9,10,8,12,15,20,21,12	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot\omega)-\Pi_0)$
1,4,9,10,8,12,	
15,20,21,12,14,5	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot\alpha)-\Pi_0)$
1,4,9,10,8,12,15,20,21,12,15	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot\Omega_{\alpha+1})-\Pi_0)$
1,4,9,10,8,12,	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}\cdot\Omega_{\alpha+2})-\Pi_0)$
15,20,21,12,15,20	$\varphi(\kappa \omega (\omega \alpha + \omega \omega \alpha + 2))$ 110)
1,4,9,10,8,12,15,	$\psi(\lambda \alpha.(\Omega_{\alpha+\omega}^2) - \Pi_0)$
20,21,12,15,20,21	

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,9,10,8,12, 15,20,21,14,5	$\psi(\lambda \alpha.(\Omega^{\alpha}_{\alpha+\omega}) - \Pi_0)$
1,4,9,10,8,12,15,20,21,15	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega}^{\Omega_{\alpha+1}}) - \Pi_0)$
1,4,9,10,8,12,15, 20,21,15,20,21	$\psi(\lambda\alpha.(\Omega^{\Omega_{\alpha+\omega}}_{\alpha+\omega})-\Pi_0)$
1,4,9,10,8,12,15,20,21,19	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+\omega+1}}(0))-\Pi_0)$
1,4,9,10,8,12, 15,20,21,19,23	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega+1})) - \Pi_0)$
1,4,9,10,8,12,16	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega+1}^{\Omega_{\alpha+\omega+1}}))-\Pi_0)$
1,4,9,10,8,14	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\Omega_{\alpha+\omega\cdot2}))-\Pi_0)$
1,4,9,10,8,14,21	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha+\omega+1}}(\lambda \alpha'.(\alpha'+1)-\Pi_0))-\Pi_0)$
1,4,9,10,9	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega+1})-\Pi_1)$
1,4,9,10,9,10	$\psi(\lambda\alpha.(\Omega_{\alpha+\omega\cdot 2})-\Pi_0)$
1,4,9,11	$\psi(\lambda\alpha.(\Omega_{\alpha+\Omega})-\Pi_0)$
1,4,9,11,5	$\psi(\lambda \alpha.(\Omega_{\alpha \cdot 2}) - \Pi_0) \ \psi(\psi_a(\Omega_{a_2+1} \cdot a))$
1,4,9,11,8	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\Omega_{\alpha\cdot2}) - \Pi_0)$
1,4,9,11,8,12,15, 20,22,12,15,20,22,5	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot2}\cdot2)-\Pi_0)$
1,4,9,11,8,14,21	$\psi(\lambda \alpha.(\psi_{\Omega_{\alpha \cdot 2+1}}(\lambda \alpha'.(\alpha'+1) - \Pi_0)) - \Pi_0)$
1,4,9,11,8,14,22	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda\alpha'.(\Omega_{\alpha'+2})-\Pi_1))-\Pi_0)$
1,4,9,11,8,14,22,24,5	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda\alpha'.(\Omega_{\alpha'+\alpha})-\Pi_0))-\Pi_0)$
1,4,9,11,8,14,22,25	$\psi(\lambda\alpha.(\psi_{\Omega_{\alpha\cdot 2+1}}(\lambda\alpha'.(\Omega_{\alpha'+\Omega_{\alpha+1}})-\Pi_0))-\Pi_0)$
1,4,9,11,9	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot 2+1}) - \Pi_1)$
1,4,9,11,9,11,5	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot3}) - \Pi_0)$
1,4,9,11,10	$\psi(\lambda\alpha.(\Omega_{\alpha\cdot\omega})-\Pi_0)$
1,4,9,11,11,5	$\psi(\lambda\alpha.(\Omega_{\alpha^2}) - \Pi_0)$
1,4,9,11,13,5	$\psi(\lambda\alpha.(\Omega_{\alpha^{\alpha}}) - \Pi_0)$
1,4,9,11,14	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(0)}) - \Pi_0)$
1,4,9,11,14,17	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\Omega_{\alpha+1})}) - \Pi_0)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,11,15,20	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\alpha'+1)-\Pi_0)})-\Pi_0)$
1,4,9,11,15,21	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\alpha'+1})-\Pi_1)})-\Pi_0)$
1,4,9,11,15,21,23,5	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\alpha'+\alpha})-\Pi_0)})-\Pi_0)$
1,4,9,11,15,21,24,16	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\alpha'\cdot2})-\Pi_0)})-\Pi_0)$
1,4,9,11,15,21,24,28	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+1}}(\lambda\alpha'.(\Omega_{\psi_{\Omega_{\alpha'+1}}(0)})-\Pi_0)})-\Pi_0)$
1,4,9,12	$\psi(\lambda \alpha. (\Omega_{\Omega_{\alpha+1}}) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_2+1} \cdot \psi_{a_2}(0)))$
1,4,9,12,9	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}+1}) - \Pi_1)$
1,4,9,12,9,11,5	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}+\alpha})-\Pi_0)$
1,4,9,12,9,12	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}\cdot 2}) - \Pi_0)$
1,4,9,12,11,5	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}\cdot\alpha})-\Pi_0)$
1,4,9,12,12	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}^2}) - \Pi_0)$
1,4,9,12,14,5	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+1}^{\alpha}}) - \Pi_0)$
1,4,9,12,15	$\psi(\lambda \alpha.(\Omega_{\Omega_{\alpha+1}^{\Omega_{\alpha+1}}}) - \Pi_0)$
1,4,9,12,16	$\psi(\lambda \alpha. (\Omega_{\psi_{\Omega_{\alpha+2}}(0)}) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_2+1} \cdot \psi_{a_2}(a_2)))$
1,4,9,12,16,20	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\Omega_{\alpha+2})}) - \Pi_0)$
1,4,9,12,16,22,29	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\alpha'+1)-\Pi_0)})-\Pi_0)$
1,4,9,12,16,22,30	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\Omega_{\alpha'+1})-\Pi_1)})-\Pi_0)$
1,4,9,12,16,22,30,36	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\alpha+2}}(\lambda\alpha'.(\Omega_{\Omega_{\alpha'+1}})-\Pi_0)})-\Pi_0)$
1,4,9,12,17	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+2}}) - \Pi_0)$
1,4,9,12,17,17	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+3}}) - \Pi_0)$
1,4,9,12,17,18	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha+\omega}}) - \Pi_0)$
1,4,9,12,17,19,5	$\psi(\lambda\alpha.(\Omega_{\Omega_{\alpha\cdot2}})-\Pi_0)$
1,4,9,12,17,20	$\psi(\lambda\alpha.(\Omega_{\Omega_{\Omega_{\alpha+1}}}) - \Pi_0)$
1,4,9,13	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(0)) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_2+1} \cdot a_2))$
1,4,9,13,9	$\psi(\lambda \alpha. (\Omega_{\psi_{I_{\alpha+1}(0)+1}}) - \Pi_1)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,13,9,11,5	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)+\alpha}) - \Pi_0)$
1,4,9,13,9,12	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}(0)}+\Omega_{\alpha+1}})-\Pi_0)$
1,4,9,13,9,12,17	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)+\Omega_{\alpha+2}})-\Pi_0)$
1,4,9,13,9,12,17,19,5	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}(0)}+\Omega_{\alpha\cdot2}})-\Pi_0)$
1,4,9,13,9,12,17,20	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)+\Omega_{\Omega_{\alpha+1}}})-\Pi_0)$
1,4,9,13,9,12,17,21	$\psi(\lambda\alpha.(\Omega_{\psi_{I_{\alpha+1}}(0)\cdot 2}) - \Pi_0)$
1,4,9,13,9,12, 17,21,9,12,17,21	$\psi(\Omega_{\psi_{I_{\alpha+1}}(0)\cdot 3})$
1,4,9,13,9,12,17,21,16	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{\psi_{I_{\alpha+1}}}(0)+1}(0)}) - \Pi_0)$
1,4,9,13,9,12,17,21,17	$\psi(\lambda\alpha.(\Omega_{\Omega_{\psi_{I_{\alpha+1}}(0)+1}})-\Pi_0)$
1,4,9,13,9,13	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(1)) - \Pi_0)$
1,4,9,13,10	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\omega)) - \Pi_0)$
1,4,9,13,11,5	$\psi(\lambda \alpha.(\psi_{I_{\alpha+1}}(\alpha)) - \Pi_0)$
1,4,9,13,12	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\Omega_{\alpha+1})) - \Pi_0)$
1,4,9,13,12,17,21	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\psi_{I_{\alpha+1}}(0))) - \Pi_0)$
1,4,9,13,13	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1})) - \Pi_0)$
1,4,9,13,13,9,13,13	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}\cdot 2))-\Pi_0)$
1,4,9,13,13,13	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^2)) - \Pi_0)$
1,4,9,13,15,5	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{\alpha})))$
1,4,9,13,16	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{\Omega_{\alpha+1}}))-\Pi_0)$
1,4,9,13,17	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(I_{\alpha+1}^{I_{\alpha+1}})) - \Pi_0)$
1,4,9,13,18	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\psi_{\Omega_{I_{\alpha+1}+1}}(0)))-\Pi_0)$
1,4,9,13,19	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\Omega_{I_{\alpha+1}+\omega})) - \Pi_0)$
1,4,9,13,19,26	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\lambda\alpha'.(\alpha'+1)-\Pi_0))-\Pi_0)$
1,4,9,13,19,27,34	$\psi(\lambda\alpha.(\psi_{I_{\alpha+1}}(\lambda\alpha'.(\psi_{I_{\alpha'+1}}(0))-\Pi_0))-\Pi_0))$
1,4,9,14	$\psi(\lambda \alpha. (I_{\alpha+1}) - \Pi_1)$ $\psi(\psi_a(\Omega^2_{a_2+1}))$
1,4,9,14,9	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+1}) - \Pi_1)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,14,9,12,17,21	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}+\psi_{I_{\alpha+1}}(0)})-\Pi_0)$
1,4,9,14,9,12,17,22	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}\cdot 2}) - \Pi_0)$
1,4,9,14,9,12, 17,22,9,12,17,22	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}\cdot3})-\Pi_0)$
1,4,9,14,9,12,17,22,12	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}\cdot\Omega_{\alpha+1}})-\Pi_0)$
1,4,9,14,9,12, 17,22,12,17,22	$\psi(\lambda\alpha.(\Omega_{I_{\alpha+1}^2}) - \Pi_0)$
1,4,9,14,9,12,17,22,16	$\psi(\lambda\alpha.(\Omega_{\psi_{\Omega_{I_{\alpha+1}+1}}(0)}) - \Pi_0)$
1,4,9,14,9,12,17,22,17	$\psi(\lambda\alpha.(\Omega_{\Omega_{I_{\alpha+1}}}) - \Pi_0)$
1,4,9,14,9,13	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(0)) - \Pi_0)$
1,4,9,14,9,13,13	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(I_{\alpha+2})) - \Pi_0)$
1,4,9,14,9,13,18	$\psi(\lambda\alpha.(\psi_{I_{\alpha+2}}(\psi_{\Omega_{I_{\alpha+2}+1}}(0))) - \Pi_0)$
1,4,9,14,9,14	$\psi(\lambda\alpha.(I_{\alpha+2})-\Pi_1)$
1,4,9,14,10	$\psi(\lambda\alpha.(I_{\alpha+\omega})-\Pi_0)$
1,4,9,14,11,5	$\psi(\lambda \alpha.(I_{\alpha \cdot 2}) - \Pi_0)$
1,4,9,14,11,14	$\psi(\lambda\alpha.(I_{\psi_{\Omega_{\alpha+1}}(0)}) - \Pi_0)$
1,4,9,14,12	$\psi(\lambda\alpha.(I_{\Omega_{\alpha+1}})-\Pi_0)$
1,4,9,14,12,17	$\psi(\lambda\alpha.(I_{\Omega_{\alpha+2}}) - \Pi_0)$
1,4,9,14,12,17,21	$\psi(\lambda\alpha.(I_{\psi_{I_{\alpha+1}}(0)}) - \Pi_0)$
1,4,9,14,12,17,22	$\psi(\lambda\alpha.(I_{I_{\alpha+1}}) - \Pi_0)$
1,4,9,14,12,17,22,20,25,29	$\psi(\lambda \alpha.(I_{I_{I_{\alpha+1}}}) - \Pi_0)$
1,4,9,14,13	$\psi(\lambda \alpha.(\psi_{I(1,\alpha+1)}(0)) - \Pi_0)$ $\psi(\psi_a(\Omega^2_{a_2+1} \cdot a))$
1,4,9,14,13,9	$\psi(\lambda\alpha.(\Omega_{\psi_{I(1,\alpha+1)}(0)+1})-\Pi_1)$
1,4,9,14,13,9,14	$\psi(\lambda \alpha.(I_{\psi_{I(1,\alpha+1)}(0)+1}) - \Pi_1)$
1,4,9,14,13,9,14,13	$\psi(\lambda\alpha.(\psi_{I(1,\alpha+1)}(1)) - \Pi_0)$
1,4,9,14,13,13	$\psi(\lambda \alpha.(\psi_{I(1,\alpha+1)}(I(1,\alpha+1))) - \Pi_0)$
1,4,9,14,13,18	$\psi(\lambda \alpha.(\psi_{I(1,\alpha+1)}(\psi_{\Omega_{I(1,\alpha+1)+1}}(0))) - \Pi_0)$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,14,14	$\psi(\lambda\alpha.(I(1,\alpha+1))-\Pi_0)$
1,4,9,14,14,9,14,14	$\psi(\lambda\alpha.(I(1,\alpha+2))-\Pi_0)$
1,4,9,14,14,11,5	$\psi(\lambda\alpha.(I(1,\alpha\cdot 2))-\Pi_0)$
1,4,9,14,14,11,14	$\psi(\lambda\alpha.(I(1,\psi_{\Omega_{\alpha+1}}(0)))-\Pi_0)$
1,4,9,14,14,12	$\psi(\lambda\alpha.(I(1,\Omega_{\alpha+1}))-\Pi_0)$
1,4,9,14,14,12,17,22	$\psi(\lambda\alpha.(I(1,I_{\alpha+1}))-\Pi_0)$
1,4,9,14,14,12,17,22,22	$\psi(\lambda\alpha.(I(1,I(1,\alpha+1)))-\Pi_0)$
1,4,9,14,14,13	$\psi(\lambda \alpha.(\psi_{I(2,\alpha+1)}(0)) - \Pi_0)$ $\psi(\psi_a(\Omega^3_{a_2+1} \cdot a))$
1,4,9,14,14,14	$\psi(\lambda \alpha. (I(2, \alpha + 1)) - \Pi_1)$ $\psi(\psi_a(\Omega^4_{a_2+1}))$
1,4,9,14,15	$\psi(\lambda \alpha.(I(\omega, \alpha+1)) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_2+1}^{\omega}))$
1,4,9,14,16,5	$\psi(\lambda \alpha.(I(\alpha,1)) - \Pi_0) \ \psi(\psi_a(\Omega^a_{a_2+1}))$
1,4,9,14,16,14	$\psi(\lambda\alpha.(I(\alpha+1,0))-\Pi_1)$
1,4,9,14,16,14,16,5	$\psi(\lambda \alpha.(I(\alpha \cdot 2,0)) - \Pi_0)$
1,4,9,14,16,19	$\psi(\lambda\alpha.(I(\psi_{\Omega_{\alpha+1}}(0),0))-\Pi_0)$
1,4,9,14,17	$\psi(\lambda\alpha.(I(\Omega_{\alpha+1},0))-\Pi_0)$
1,4,9,14,17,22,27,30	$\psi(\lambda\alpha.(I(I(\Omega_{\alpha+1},0),0)) - \Pi_0)$
1,4,9,14,18	$\psi(\lambda \alpha.(\psi_{I(1,0,\alpha+1)}(0)) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_2+1}^{a_2}))$
1,4,9,14,18,9,14,18	$\psi(\lambda\alpha.(\psi_{I(1,0,\alpha+1)}(1)) - \Pi_0)$
1,4,9,14,18,13	$\psi(\lambda \alpha.(\psi_{I(1,0,\alpha+1)}(I(1,0,\alpha+1))) - \Pi_0)$
1,4,9,14,18,14	$\psi(\lambda \alpha.(I(1,0,\alpha+1)) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_2+1}^{a_2+1}))$
1,4,9,14,18,14,13	$\psi(\lambda \alpha.(\psi_{I(1,1,\alpha+1)}(0)) - \Pi_0)$
1,4,9,14,18,14,14	$\psi(\lambda\alpha.(I(1,1,\alpha+1)) - \Pi_1)$
1,4,9,14,18,14,15	$\psi(\lambda\alpha.(I(1,\omega,\alpha+1))-\Pi_0)$
1,4,9,14,18,14,16,5	$\psi(\lambda\alpha.(I(1,\alpha,1)) - \Pi_0)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,14,18,14,18	$\psi(\lambda\alpha.(\psi_{I(2,0,\alpha+1)}(0)) - \Pi_0)$
1,4,9,14,18,14,18,14	$\psi(\lambda\alpha.(I(2,0,\alpha+1))-\Pi_0)$
1,4,9,14,18,15	$\psi(\lambda\alpha.(I(\omega,0,\alpha+1))-\Pi_0)$
1,4,9,14,18,16,5	$\psi(\lambda \alpha.(\psi_{I(1,0,0,\alpha+1)}(0)) - \Pi_0)$
1,4,9,14,18,16,14	$\psi(\lambda\alpha.(I(1,0,0,\alpha+1))-\Pi_1)$
1,4,9,14,18,16,14,18,14	$\psi(\lambda\alpha.(I(1,0,1,\alpha+1))-\Pi_1)$
1,4,9,14,18,16,14,18,16,14	$\psi(\lambda\alpha.(I(2,0,0,\alpha+1))-\Pi_1)$
1,4,9,14,18,18	$\psi(\lambda \alpha.(\psi_{I(1,0,0,0,\alpha+1)}(0)) - \Pi_0)$
1,4,9,14,18,18,14	$\psi(\lambda\alpha.(I(1,0,0,0,\alpha+1))-\Pi_1)$
1,4,9,14,18,18,18,14	$\psi(\lambda \alpha.(I(1,0,0,0,0,\alpha+1)) - \Pi_1)$
1,4,9,14,18,19	$\psi(\lambda\alpha.(I(1@\omega,\alpha+1@0))-\Pi_0)$
1,4,9,14,18,20,5	$\psi(\lambda\alpha.(I(1@\alpha,1@0)) - \Pi_0)$
1,4,9,14,18,22,14	$\psi(\lambda \alpha.(I(1@(1,0),\alpha+1@0)) - \Pi_1)$
1,4,9,14,18,22,14	$\psi(\lambda \alpha.(I(1@(1,0),\alpha+1@0)) - \Pi_1)$
1,4,9,14,18,23	$\psi(\lambda\alpha.(\psi_{M_{\alpha+1}}(\psi_{\Omega_{M_{\alpha+1}+1}}(0))) - \Pi_0)$
1,4,9,14,18,24	$\psi(\lambda\alpha.(\psi_{M_{\alpha+1}}(\Omega_{M_{\alpha+1}+\omega})) - \Pi_0)$
1,4,9,14,19	$\psi(\lambda \alpha.(M_{\alpha+1}) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_2+1}^{\Omega_{a_2+1}}))$
1,4,9,14,19,9	$\psi(\lambda\alpha.(\Omega_{M_{\alpha+1}+1})-\Pi_1)$
1,4,9,14,19,9,14	$\psi(\lambda\alpha.(I_{M_{\alpha+1}+1}) - \Pi_1)$
1,4,9,14,19,9,14,19	$\psi(\lambda \alpha.(M_{\alpha+2}) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_2+1}^{\Omega_{a_2+1}} \cdot 2))$
1,4,9,14,19,10	$\psi(\lambda \alpha. (M_{\alpha+\omega}) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_2+1}^{\Omega_{a_2+1}} \cdot \omega))$
1,4,9,14,19,11,5	$\psi(\lambda\alpha.(M_{\alpha\cdot2})-\Pi_0)$
1,4,9,14,19,12	$\psi(\lambda \alpha.(M_{\Omega_{\alpha+1}}) - \Pi_0)$
1,4,9,14,19,12,17,22	$\psi(\lambda \alpha.(M_{I_{\alpha+1}}) - \Pi_0)$
1,4,9,14,19,12,17,22,27	$\psi(\lambda\alpha.(M_{M_{\alpha+1}}) - \Pi_0)$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,14,19,13	$\psi(\lambda\alpha.(\psi_{M(1,\alpha+1)}(0)) - \Pi_0)$
1,4,9,14,19,14	$\psi(\lambda \alpha.(M(1, \alpha + 1)) - \Pi_1)$ $\psi(\lambda \alpha.(2 \ 1 - 2 - 2 \ \text{aft} \ \alpha) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_2+1}^{\Omega_{a_2+1}+1}))$
1,4,9,14,19,14,13	$\psi(\lambda\alpha.(\psi_{M(2,\alpha+1)}(0)) - \Pi_0)$
1,4,9,14,19,14,14	$\psi(\lambda\alpha.(M(2,\alpha+1))-\Pi_1)$
1,4,9,14,19,14,15	$\psi(\lambda\alpha.(M(\omega,\alpha+1))-\Pi_0)$
1,4,9,14,19,14,16,5	$\psi(\lambda\alpha.(M(\alpha,1)) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_2+1}^{\Omega_{a_2+1}+a}))$
1,4,9,14,19,14,18	$\psi(\lambda\alpha.(\psi_{M(1,0,\alpha+1)}(0)) - \Pi_0)$
1,4,9,14,19,14,18,14	$\psi(\lambda\alpha.(M(1,0,\alpha+1))-\Pi_1)$
1,4,9,14,19,14,19	$\psi(\lambda\alpha.(M(1;\alpha+1))-\Pi_1)$
1,4,9,14,19,14,19,14,19	$\psi(\lambda\alpha.(M(2;\alpha+1))-\Pi_1)$
1,4,9,14,19,16,5	$\psi(\lambda\alpha.(M(\alpha;1)) - \Pi_0)$
1,4,9,14,19,18,14	$\psi(\lambda\alpha.(M(1,0;\alpha+1))-\Pi_1)$
1,4,9,14,19,18,23	$\psi(\lambda\alpha.(\psi_{N_{\alpha+1}}(\psi_{\Omega_{N_{\alpha+1}+1}}(0))) - \Pi_0)$
1,4,9,14,19,19	$\psi(\lambda \alpha.(N_{\alpha+1}) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_2+1}^{\Omega_{a_2+1}\cdot 2}))$
1,4,9,14,19,19,9,14,19,19	$\psi(\lambda \alpha. (N_{\alpha+2}) - \Pi_1) \\ \psi(\psi_a(\Omega_{a_2+1}^{\Omega_{a_2+1} \cdot 2} \cdot 2))$
1,4,9,14,19,19,10	$\psi(\lambda\alpha.(N_{\alpha+\omega}) - \Pi_0)$
1,4,9,14,19,19,11,5	$\psi(\lambda lpha.(N_{lpha \cdot 2}) - \Pi_0)$
1,4,9,14,19,19,12	$\psi(\lambda\alpha.(N_{\Omega_{\alpha+1}}) - \Pi_0)$
1,4,9,14,19,19,13	$\psi(\lambda\alpha.(\psi_{N(1,\alpha+1)}(0)) - \Pi_0)$
1,4,9,14,19,19,14	$\psi(\lambda \alpha.(N(1,\alpha+1)) - \Pi_1)$ $\psi(\lambda \alpha.(2\ 1 - 2 - 2 - 2\ \text{aft}\ \alpha)0)$
1,4,9,14,19,19,14,19	$\psi(\lambda \alpha.(2-2\ 1-2-2-2\ \text{aft}\ \alpha)-\ _1)$
1,4,9,14,19,19,14,19,19	$\psi(\lambda \alpha.(2-2-2\ 1-2-2-2\ \text{aft}\ \alpha)-\ _1)$
1,4,9,14,19,19,16,5	$\psi(\lambda \alpha.((2-2-2\ 1-)^{\alpha}\ 2-2-2\ \text{aft}\ \alpha){0})$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,14,19,19,18,14	$\psi(\lambda \alpha.((2-2-2\ 1-)^{1,0}\ 2-2-2\ \text{aft}\ \alpha)0)$
1,4,9,14,19,19,19	$\psi(\lambda \alpha.(2-2-2-2 \text{ aft } \alpha)1)$
1,4,9,14,19,20	$\psi(\lambda\alpha.((2-)^{\omega} \text{ aft } \alpha) - {}_{0})$
1,4,9,14,19,21,5	$\psi(\lambda\alpha.((2-)^{\alpha} \text{ aft } \alpha){0})$
1,4,9,14,19,23,14	$\psi(\lambda \alpha.((2-)^{1,0} \text{ aft } \alpha) - \Pi_1)$
	$\frac{\psi(\lambda \alpha.(\psi_{K_{\alpha+1}}(0)) - \Pi_1)}{\psi(\lambda \alpha.(K_{\alpha+1}) - \Pi_2)}$
1,4,9,14,19,24	$\psi(\lambda\alpha.(3 \text{ aft } \alpha) - \Pi_2)$
	$\psi(\psi_a(\Omega_{a_2+1}^{\Omega_{a_2+1}^{\Omega_{a_2+1}}}))$
1,4,9,14,19,24,9,14,19,24	$\psi(\lambda\alpha.(K_{\alpha+2})-\Pi_2)$
1,4,9,14,19,24,11,5	$\psi(\lambda\alpha.(K_{\alpha\cdot2})-\Pi_0)$
1,4,9,14,19,24,13	$\psi(\lambda\alpha.((1-)^{1,0} \ 3 \ \text{aft} \ \alpha) - \ _0)$
1,4,9,14,19,24,14	$\psi(\lambda \alpha.(2\ 1-3\ {\rm aft}\ \alpha)-\ _1)$
1,4,9,14,19,24,14,19	$\psi(\lambda \alpha.(2-2\ 1-3\ {\rm aft}\ \alpha)-\ _1)$
1,4,9,14,19,24,14,19,24	$\psi(\lambda\alpha.(3\ 1-3\ {\rm aft}\ \alpha)-\ _2)$
1,4,9,14,19,24,19	$\psi(\lambda\alpha.(2-3 \text{ aft } \alpha)1)$
1,4,9,14,19,24,19,19	$\psi(\lambda\alpha.(2-2-3 \text{ aft } \alpha)1)$
1,4,9,14,19,24,19,24	$\psi(\lambda\alpha.(3\ 2-3\ {\rm aft}\ \alpha)2)$
1,4,9,14,19,24,19,24,19,24	$\psi(\lambda\alpha.(3\ 2-3\ 2-3\ {\rm aft}\ \alpha)-\ _2)$
1,4,9,14,19,24,23	$\psi(\lambda\alpha.((3\ 2-)^{1,0}\ 3\ {\rm aft}\ \alpha)-\ _0)$
1,4,9,14,19,24,24	$\psi(\lambda\alpha.(3-3 \text{ aft } \alpha)2)$
1,4,9,14,19,24,24,24	$\psi(\lambda \alpha.(3-3-3 \text{ aft } \alpha)2)$
1,4,9,14,19,24,25	$\psi(\lambda\alpha.((3-)^{\omega} \text{ aft } \alpha){0})$
1,4,9,14,19,24,26,5	$\psi(\lambda\alpha.((3-)^{\alpha} \text{ aft } \alpha){0})$
1,4,9,14,19,24,28	$\psi(\lambda\alpha.((3-)^{1,0} \text{ aft } \alpha)0)$
1,4,9,14,19,24,29	$\psi(\lambda\alpha.(\kappa_{\alpha+1}) - \Pi_3)$
	$\psi(\lambda\alpha.(4 \text{ aft } \alpha)3)$
1,4,9,14,19,24,29,34	$\psi(\lambda\alpha.(5 \text{ aft } \alpha)4)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,15	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
	$\psi(\psi_a(a_3))$
1,4,9,15,3	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0+1)$
	$\psi(\psi_a(a_3)+1)$
1,4,9,15,7	$\psi(1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0)$
1,4,5,10,1	$\psi(\psi_a(a_3 + \psi_{a_3}(a_3 + 1)))$
1,4,9,15,8	$\psi(\lambda\alpha.(\alpha+1) - \Pi_0 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
	$\psi(\psi_a(a_3+a_2))$
1,4,9,15,8,12,15	$\psi(\lambda\alpha.(\Omega_{\alpha+1}) - \Pi_1 - \lambda\alpha.(\lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$
	$\psi(\psi_a(a_3 + a_2^{\psi_{a_2}(0)}))$
	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0-$
1,4,9,15,8,12,15,20,26	$\lambda \alpha.(\lambda \beta.(\beta+1)-\Pi_0)-\Pi_0)$
	$\psi(\psi_a(a_3\cdot 2))$
$1,\!4,\!9,\!15,\!8,\!12,\!15,\!20,\!26,\!11$	$\psi(1 - \lambda \alpha.(\lambda \beta.(\beta + 1) - \Pi_0) - \Pi_1)$
1,4,9,15,8,12,	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0+1)-\Pi_0)$
$15,\!20,\!26,\!11,\!15$	$\psi(\psi_a(a_3\cdot\psi_{a_2}(a_2)))$
1,4,9,15,8,12,15,	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0+\alpha)-\Pi_0)$
20,26,11,15,19,21,5	$\psi(\psi_a(a_3\cdot\psi_{a_2}(a_2^a)))$
1,4,9,15,8,12,15,20,26,12	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\cdot\omega)-\Pi_0)$
1,4,9,15,8,12,	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\cdot\alpha)-\Pi_0)$
15,20,26,12,14,5	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\cdot\alpha)-\Pi_0)$
1,4,9,15,8,12,15,	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0)^2)-\Pi_0)$
20,26,12,15,20,26	
1,4,9,15,8,12,15,20,26,19	$\psi((\lambda\alpha.(\psi_{\Omega_{\lambda\beta.(\beta+1)-\Pi_0+1}}(0))-\Pi_0)$
1,4,9,15,8,12,	$\psi(\lambda \alpha.(\psi_{\Omega_{\lambda\beta.(\beta+1)-\Pi_0+1}}(\Omega_{\lambda\beta.(\beta+1)-\Pi_0+1}))) - \Pi_0)$
15,20,26,19,23	(((((((((((((((((((
1,4,9,15,9	$\psi(\lambda\alpha.(\Omega_{\lambda\beta.(\beta+1)-\Pi_0+1})-\Pi_1)$
1,4,9,15,9,14,19,24	$\psi((\lambda \alpha.(K_{\lambda \beta.(\beta+1)-\Pi_0+1})-\Pi_2)$
1,4,9,15,9,15	$\psi((\lambda \alpha.(2\text{nd }\lambda \beta.(\beta+1)-\Pi_0)-\Pi_0)$
1,4,9,15,10	$\psi((\lambda\alpha.(1-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0))$
1,4,9,15,10,10	$\psi((\lambda \alpha.(1-1-\lambda \beta.(\beta+1)-\Pi_0)-\Pi_0)$
1,4,9,15,11,5	$\psi((\lambda\alpha.((1-)^{\alpha} \lambda\beta.(\beta+1) - \Pi_0) - \Pi_0)$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,15,14	$\psi((\lambda\alpha.(2\ 1-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_1)$
1,4,9,15,14,20	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\ 1-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
1,4,9,15,14,20,19	$\psi(\lambda\alpha.(2-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_1)$
1,4,9,15,14,20,19,25	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0\ 2-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
1,4,9,15,14,20,19,25,24	$\psi(\lambda\alpha.(3-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_2)$
1,4,9,15,15	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-\lambda\beta.(\beta+1)-\Pi_0)-\Pi_0)$
1,4,9,15,17,5	$\psi(\lambda\alpha.((\lambda\beta.(\beta+1)-\Pi_0-)^{\alpha})-\Pi_0)$
1,4,9,15,19	$\psi(\lambda \alpha.((\lambda \beta.(\beta+1) - \Pi_0 -)^{1,0}) - \Pi_0)$ $\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1) - \Pi_1}(0)) - \Pi_0)$
1,4,9,15,19,19	$\psi(\lambda\alpha.(\psi_{\lambda\beta.(\beta+1)-\Pi_1}(1))-\Pi_0)$
1,4,9,15,19,23	$\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1)-\Pi_1}(\lambda \beta.(\beta+1)-\Pi_1))-\Pi_0)$
1,4,9,15,19,23,27	$\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1)-\Pi_1}(\Omega_{\lambda \beta.(\beta+1)-\Pi_1+1}))) - \Pi_0)$
1,4,9,15,19,25,32	$\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1)-\Pi_1}(\lambda \alpha'.(\alpha'+1)-\Pi_0))-\Pi_0)$
1,4,9,15,19,25,33,42	$\psi(\lambda \alpha.(\psi_{\lambda \beta.(\beta+1)-\Pi_1}(\lambda \alpha'.$ $(\lambda \beta'.(\beta'+1)-\Pi_0)-\Pi_0))-\Pi_0)$
1,4,9,15,20	$\psi(\lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(a_3 \cdot \psi_{a_3}(0)))$
1,4,9,15,20,15	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-\lambda\beta.(\beta+1)-\Pi_1)-\Pi_0)$
1,4,9,15,20,15,20	$\psi(\lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_1 \lambda \beta.(\beta+1) - \Pi_0 - \lambda \beta.(\beta+1) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(a_3 \cdot \psi_{a_3}(0) \cdot 2))$
1,4,9,15,20,20	$\psi(\lambda \alpha.(\lambda \beta.(\beta+1) - \Pi_1 - \lambda \beta.(\beta+1) - \Pi_1) - \Pi_1)$
1,4,9,15,20,25	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_2)-\Pi_2)$
1,4,9,15,20,26	$\psi(\lambda \alpha.(\lambda \beta.(\beta+2) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_3 \cdot \psi_{a_3}(a_3)))$
1,4,9,15,21	$\psi(\lambda \alpha.(\lambda \beta.(\beta + \omega) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_3^2))$
1,4,9,15,21,21	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\omega^2)-\Pi_0)-\Pi_0)$ $\psi(\psi_a(a_3^3))$
1,4,9,15,21,23,5	$\psi(\lambda \alpha.(\lambda \beta.(\beta+\alpha)-\Pi_0)-\Pi_0) \ \psi(\psi_a(a_3^a))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,9,15,21,24	$\psi(\lambda \alpha.(\lambda \beta.(\beta + \Omega_{\alpha+1}) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_3^{\psi_{a_2}(0)}))$
1,4,9,15,21,24,28	$\psi(\lambda\alpha.(\lambda\beta.(\beta+\psi_{\Omega_{\alpha+2}}(0))-\Pi_0)-\Pi_0)$
1,4,9,15,21,24,29	$\psi(\lambda \alpha.(\lambda \beta.(\beta + \Omega_{\alpha+2}) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_3^{\psi_{a_2}(\psi_{a_3}(0))}))$
1,4,9,15,21,24,29,34	$\psi(\lambda\alpha.(\lambda\beta.(\beta+I_{\alpha+1})-\Pi_0)-\Pi_0)$
1,4,9,15,21,24,29,35	$\psi(\lambda \alpha.(\lambda \beta.(\beta + \lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_3^{\psi_{a_2}(a_3)}))$
1,4,9,15,21,24, 29,35,41,44,49,55	$\psi(\lambda \alpha.(\lambda \beta.(\beta + \lambda \beta.(\beta + \lambda \beta.(\beta + 1) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$
1,4,9,15,21,25	$\psi(\lambda \alpha.(\lambda \beta.(\beta \cdot 2) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_3^{a_2}))$
1,4,9,15,21,25,20	$\psi(\lambda \alpha.(\lambda \beta.(\beta \cdot 2) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(a_3^{a_2} \cdot \psi_{a_3}(0)))$
1,4,9,15,21,25,21	$\psi(\lambda \alpha.(\lambda \beta.(\beta \cdot \omega) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_3^{a_2+1}))$
1,4,9,15,21,25,21,25	$\psi(\lambda \alpha.(\lambda \beta.(\beta^2) - \Pi_0) - \Pi_0) \ \psi(\psi_a(a_3^{a_2 \cdot 2}))$
1,4,9,15,21,25,25	$\psi(\lambda lpha.(\lambda eta.(eta^eta) - \Pi_0) - \Pi_0) \ \psi(\psi_a(a_3^{a_2^2}))$
1,4,9,15,21,25,30	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(0)) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_3^{\psi_{\Omega_{a_2+1}}(0)}))$
1,4,9,15,21,25,30,35	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\Omega_{\beta+1})) - \Pi_0) - \Pi_0)$
1,4,9,15,21,25,31	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+1}}(\Omega_{\beta+\omega}))-\Pi_0)-\Pi_0)$
1,4,9,15,21,25,31,38	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \alpha'.$ $(\alpha'+1)-\Pi_0))-\Pi_0)-\Pi_0)$
1,4,9,15,21,25,31,39,48	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \alpha'.(\lambda \beta'.(\beta'+1) -\Pi_0) -\Pi_0)) -\Pi_0) -\Pi_0)$
1,4,9,15,21,25,31,39,48,57	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \alpha'.(\lambda \beta'.(\beta'+\omega)) - \Pi_0) - \Pi_0)) - \Pi_0))$
1,4,9,15,21,25, 31,39,48,57,64,72	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+1}}(\lambda \alpha'.(\lambda \beta'.(\psi_{\Omega_{\beta'+1}}(0))) -\Pi_0) -\Pi_0)) -\Pi_0))$
1,4,9,15,21,26	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+1}) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(a_3^{\psi_{a_3}(0)}))$

0-Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,15,21,26,21,26	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}^2) - \Pi_0) - \Pi_0)$
1,4,9,15,21,26,26	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta+1}^{\Omega_{\beta+1}}) - \Pi_0) - \Pi_0)$
1,4,9,15,21,26,32	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(0)) - \Pi_0) - \Pi_0)$
1,4,9,15,21,26,32,38	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+2})) - \Pi_0) - \Pi_0)$
1,4,9,15,21,27	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+2}^{\Omega_{\beta+2}})) - \Pi_0) - \Pi_0)$
1,4,9,15,22	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\psi_{\Omega_{\beta+3}}(0))) - \Pi_0) - \Pi_0)$
1,4,9,15,23	$\psi(\lambda\alpha.(\lambda\beta.(\psi_{\Omega_{\beta+2}}(\Omega_{\beta+\omega})) - \Pi_0) - \Pi_0)$
1,4,9,15,23,32	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+2}}(\lambda \alpha'.(\alpha'+1)-\Pi_0)))-\Pi_0)-\Pi_0)$
1,4,9,15,23,33,44	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{\Omega_{\beta+2}}(\lambda \alpha'.$ $(\lambda \beta'.(\beta'+1) - \Pi_0) - \Pi_0)) - \Pi_0) - \Pi_0)$
1,4,9,16	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+2}) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_3+1}))$
1,4,9,16,16	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+3}) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_3+1} \cdot 2))$
1,4,9,16,17	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+\omega}) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_3+1} \cdot \omega))$
1,4,9,16,18,5	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta+\alpha}) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_3+1} \cdot a))$
1,4,9,16,20	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta \cdot 2}) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_3+1} \cdot a_2))$
1,4,9,16,20,16,20	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\beta \cdot 3}) - \Pi_0) - \Pi_0)$
1,4,9,16,20,20	$\psi(\lambda\alpha.(\lambda\beta.(\Omega_{\beta^2}) - \Pi_0) - \Pi_0)$
1,4,9,16,20,25	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\psi_{\Omega_{\beta+1}}(0)}) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_3+1} \cdot \psi_{\Omega_{a_2+1}}(0)))$
1,4,9,16,21	$\psi(\lambda \alpha.(\lambda \beta.(\Omega_{\Omega_{\beta+1}}) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_3+1} \cdot \psi_{a_3}(0)))$
1,4,9,16,22	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{I_{\beta+1}}(0)) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_3+1} \cdot a_3))$
1,4,9,16,23	$\psi(\lambda \alpha.(\lambda \beta.(I_{\beta+1}) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_3+1}^2))$
1,4,9,16,23,23	$\psi(\lambda \alpha.(\lambda \beta.(I(1,\beta+1)) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_3+1}^3))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,9,16,23,24	$\psi(\lambda\alpha.(\lambda\beta.(I(\omega,\beta+1))-\Pi_0)-\Pi_0)$
	$\psi(\psi_a(\Omega_{a_3+1}^\omega))$
1,4,9,16,23,25,5	$\psi(\lambda\alpha.(\lambda\beta.(I(\alpha,\beta+1))-\Pi_0)-\Pi_0)$
1,4,9,10,20,20,0	$\psi(\psi_a(\Omega^a_{a_3+1}))$
1,4,9,16,23,27	$\psi(\lambda\alpha.(\lambda\beta.(I(\beta,1)) - \Pi_0) - \Pi_0)$
_, _, , , _ , , _ , , _ ,	$\psi(\psi_a(\Omega_{a_3+1}^{a_2}))$
1,4,9,16,23,29	$\psi(\lambda \alpha.(\lambda \beta.(\psi_{I(1,0,\beta+1)}(0)) - \Pi_0) - \Pi_0)$
	$\psi(\psi_a(\Omega_{a_3+1}^{a_3}))$
1,4,9,16,23,29,23	$\psi(\lambda\alpha.(\lambda\beta.(I(1,0,\beta+1))-\Pi_1)-\Pi_1)$
-	$\psi(\psi_a(\Omega_{a_3+1}^{a_3+1}))$ $\psi(\lambda\alpha.(\lambda\beta.(M_{\beta+1}) - \Pi_1) - \Pi_1)$
1,4,9,16,23,30	$\psi(\lambda a.(\lambda \beta.(m_{eta+1})-n_1)-n_1) = \psi(\psi_a(\Omega_{aa+1}^{\Omega_{aa+1}}))$
	$\psi(\psi_a(\mathfrak{L}_{a_3+1}))$ $\psi(\lambda\alpha.(\lambda\beta.(N_{\beta+1})-\Pi_1)-\Pi_1)$
1,4,9,16,23,30,30	$\psi(\psi_a(\Omega_{a_a+1}^{\Omega_{a_3+1}^2}))$
	$\psi(\lambda \alpha.(\lambda \beta.(K_{\beta+1}) - \Pi_2) - \Pi_2)$
1,4,9,16,23,30,37	$\psi(\psi_a(\Omega_{a_3+1}^{\Omega_{a_3+1}^{\Omega_{a_3+1}}}))$
	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
	$\psi(3-\pi-(+1)-\Pi_0)$
1,4,9,16,24	$\psi(\psi_a(a_4))$
	TSO
1,4,9,16,24,9,16,24	$\psi(\lambda \alpha.(2\text{nd }\lambda \beta.(\lambda \gamma.(\gamma+1)-\Pi_0)-\Pi_0)-\Pi_0)$
1 4 0 16 94 15	$\psi(\lambda\alpha.(\lambda\beta.(\beta+1)-\Pi_0-\lambda\beta.$
1,4,9,16,24,15	$(\lambda \gamma.(\gamma+1) - \Pi_0) - \Pi_0) - \Pi_0)$
1,4,9,16,24,15,	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0)-\Pi_0-$
21,25,31,39,48	$\lambda \beta.(\lambda \gamma.(\gamma+1) - \Pi_0) - \Pi_0) - \Pi_0)$
1,4,9,16,24,16	$\psi(\lambda \alpha.(\lambda \beta.(2 \text{ aft } \lambda \gamma.(\gamma + 1) - {}_{0}) - {}_{1}) - {}_{1})$
1,4,9,16,24,16,24	$\psi(\lambda \alpha.(\lambda \beta.(2\operatorname{nd} \lambda \gamma.(\gamma+1) - {}_{0}) - {}_{0}) - {}_{0})$
1,4,9,16,24,24	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_0-$
1,4,9,10,24,24	$\lambda \gamma.(\gamma+1) - \Pi_0) - \Pi_0) - \Pi_0)$
1,4,9,16,24,31	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)-\Pi_1)-\Pi_1)-\Pi_1)$
1,4,9,16,24,31,39	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+2)-\Pi_0)-\Pi_0)-\Pi_0)$
1,4,9,16,24,32	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+\omega)-\Pi_0)-\Pi_0)-\Pi_0)$

0 – Y 序列	MOCF/反射 OCF/稳定 OCF
1,4,9,16,24,32,36	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+\beta)-\Pi_0)-\Pi_0)-\Pi_0)$
1,4,9,16,24,32,38	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma\cdot 2)-\Pi_0)-\Pi_0)-\Pi_0)$
1,4,9,16,24,32,38,32	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\gamma \cdot \omega) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_4^{a_3+1}))$
1,4,9,16,24,32,38,32,38	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\gamma^2) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_4^{a_3 \cdot 2}))$
1,4,9,16,24,32,38,45	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\psi_{\Omega_{\gamma+1}}(0)) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(a_4^{\psi_{\Omega_{a_3+1}}(\Omega_{a_3+1})}))$
1,4,9,16,24,32,39	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma+1}) - \Pi_1) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(a_4^{\psi_{a_4}(0)}))$
1,4,9,16,25	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma+2}) - \Pi_1) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_4+1}))$
1,4,9,16,25,25	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma+3}) - \Pi_1) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_4+1} \cdot 2))$
1,4,9,16,25,26	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma+\omega}) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_4+1} \cdot \omega))$
1,4,9,16,25,27,5	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma+\alpha}) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_4+1} \cdot a))$
1,4,9,16,25,29	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma+\beta}) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_4+1} \cdot a_2))$
1,4,9,16,25,31	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\Omega_{\gamma \cdot 2}) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_4+1} \cdot a_3))$
1,4,9,16,25,33	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\psi_{I_{\gamma+1}}(0)) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(\psi_a(\Omega_{a_4+1} \cdot a_4))$
1,4,9,16,25,34	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(I_{\gamma+1}) - \Pi_1) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_4+1}^2))$
1,4,9,16,25,34,43	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(M_{\gamma+1}) - \Pi_1) - \Pi_1) - \Pi_1)$ $\psi(\psi_a(\Omega_{a_A+1}^{\Omega_{a_A+1}}))$
1,4,9,16,25,34,43,52	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(K_{\gamma+1}) - \Pi_2) - \Pi_2) - \Pi_2)$ $\psi(\psi_a(\Omega_{a_4+1}^{\Omega_{a_4+1}^{\Omega_{a_4+1}}}))$
1,4,9,16,25,35	$\psi(\lambda \alpha.(\lambda \beta.(\lambda \gamma.(\lambda \delta.(\delta + 1) - \Pi_0) - \Pi_0) - \Pi_0) - \Pi_0)$ $\psi(4 - \pi - (+1) - \Pi_0)$ $\psi(\psi_a(a_5))$

0-Y序列	MOCF/反射 OCF/稳定 OCF
1,4,9,16,25,36,48	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\lambda\delta.(\lambda\epsilon.(\epsilon+1)$
	$-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)-\Pi_0)$
	$\psi(\psi_a(a_6))$
1,4,10	$\psi(\omega-\pi-\Pi_0)$
	$\psi(\psi_a(a_\omega))$
	$\psi(\psi_a(\psi_b(a_{b+1}\cdot\omega)))$
	p.f.e.c.LRO

A.17 BMS vs 投影

本节的结果主要引自最菜萌新的分析。

BMS	投影
(0,0,0)(1,1,1)(2,2,2)	$\psi(\psi_{lpha}(lpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(1,1,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}) + \Omega)$
(0,0,0)(1,1,1)(2,2,2)(1,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}) + \Omega_{\omega})$
(0,0,0)(1,1,1)(2,2,2)(1,1,1)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}) + \psi_{\alpha}(\alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(1,1,1)(2,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}) + \psi_{\alpha}(\Omega_{\alpha+2} \cdot \omega))$
	$\psi(\psi_lpha(lpha_\omega)\cdot 2)$
(0,0,0)(1,1,1)(2,2,2)(2,1,0)	$\psi(\psi_{lpha}(lpha_{\omega})\cdot\Omega)$
(0,0,0)(1,1,1)(2,2,2)(2,1,0) - (1,1,0)(2,2,1)(3,3,2)(3,2,0)	$\psi(\psi_{lpha}(lpha_{\omega})\cdot\Omega_{2})$
(0,0,0)(1,1,1)(2,2,2)(2,1,0)(1,1,1)	$\psi(\psi_{lpha}(lpha_{\omega})\cdot\Omega_{\omega})$
(0,0,0)(1,1,1)(2,2,2)- $-(2,1,0)(1,1,1)(2,2,0)$	$\psi(\psi_{lpha}(lpha_{\omega})\cdot\psi_{lpha}(arepsilon_{\Omega_{lpha+1}+1}))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,1,0)(1,1,1) - \\ -(2,2,0)(3,3,1)(4,4,2)(4,3,0) \end{array} $	$\psi(\psi_{\alpha}(\alpha_{\omega})\cdot\psi_{\alpha}(\Omega_{\alpha+2}+\Omega_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,2)- $-(2,1,0)(1,1,1)(2,2,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega})\cdot\psi_{\alpha}(\Omega_{\alpha+2}\cdot\omega))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,1,0)(1,1,1) - \\ -(2,2,1)(3,3,0)(4,4,1)(5,5,2)(5,4,0) \end{array} $	$\psi(\psi_{\alpha}(\alpha_{\omega})\cdot\psi_{\alpha}(\Omega_{\alpha_{2}+2}+\Omega_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,2)(2,1,0)- $-(1,1,1)(2,2,1)(3,3,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega})\cdot\psi_{\alpha}(\Omega_{\alpha_{2}+2}+\psi_{\alpha_{2}}(\Omega_{\alpha_{2}+2}+1)))$
(0,0,0)(1,1,1)(2,2,2)- $-(2,1,0)(1,1,1)(2,2,2)$	$\psi(\psi_lpha(lpha_\omega)^2)$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(2,1,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega})^2 + \psi_{\alpha}(\alpha_{\omega}))$
-(1,1,1)(2,2,2)(1,1,1)(2,2,2)	γ(γα(~ω) + γα(~ω))
(0,0,0)(1,1,1)(2,2,2)(2,1,0)(2,0,0)	$\psi(\psi_\alpha(\alpha_\omega)^2\cdot\omega)$
(0,0,0)(1,1,1)(2,2,2)(2,1,0)(3,0,0)	$\psi(\psi_lpha(lpha_\omega)^\omega)$
(0,0,0)(1,1,1)(2,2,2)(2,1,0)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha+1}) +$
-(2,1,0)(3,2,0)(2,0,0)	$\psi_{\psi_{\alpha}(\alpha_{\omega}+\Omega_{\alpha+1})}(\psi_{\alpha}(\alpha_{\omega}+\Omega_{\alpha+1})+1))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha+1}) \cdot 2)$
-(2,1,0)(3,2,0)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}+\mathfrak{s}\iota_{\alpha+1})\cdot 2)$
(0,0,0)(1,1,1)(2,2,2)(2,1,0)(3,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha+1} \cdot \omega))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}+arepsilon_{\Omega_{\alpha+1}+1}))$
-(2,1,0)(3,2,1)(4,3,0)	$\varphi (\varphi_{\alpha}(\omega_{\omega} + \omega_{\alpha+1}+1))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(lpha_\omega+\psi_{lpha_2}(lpha_\omega)))$
-(2,1,0)(3,2,1)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 1)) + \psi_{\alpha}(\alpha_{\omega}))$
-(2,1,1)(1,1,1)(2,2,2)	
$ \left (0,0,0)(1,1,1)(2,2,2)(2,1,1)(1,1,1) - \right $	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + 1)) +$
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)(4,2,1)	$\psi_{\psi_{\alpha}(\alpha_{\omega}+\Omega_{\alpha+1})}(\psi_{\alpha}(\alpha_{\omega}+\psi_{\alpha_{2}}(\alpha_{\omega}+1))))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-	
-(1,1,1)(2,2,2)(2,1,0)(3,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 1)) + \psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha+1}))$
-(4,3,2)(4,2,1)(3,2,0)	
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(1,1,1)	
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 1)) + \psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega})))$
$ \begin{array}{c} -(4,2,1)(3,2,1)(4,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(2,1,1) - \end{array} $	
-(1,1,1)(2,2,2)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 1)) \cdot 2)$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-	
-(2,1,0)(1,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 1)) \cdot \Omega_{\omega})$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-	
-(2,1,0)(1,1,1)(2,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 1)) \cdot \psi_{\alpha}(\alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-	
-(2,1,0)(1,1,1)(2,2,2)(2,1,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 1)) \cdot \psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha+1}))$
-(3,2,1)(4,3,2)(4,2,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}+\psi_{\alpha_{2}}(\alpha_{\omega}+1))^{2})$
-(2,1,0)(1,1,1)(2,2,2)(2,1,1)	$\varphi(\varphi\alpha(\alpha\omega + \varphi\alpha_2(\alpha\omega + 1)))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(2,1,0)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 1) + \Omega_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(2,1,0)(3,2,1)(4,3,2)(4,2,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + 1) \cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + 2)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \omega)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \alpha)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,1,0)(4,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \varepsilon_{\alpha+1})))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \Omega_{\alpha+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,1,1)(2,1,0)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \Omega_{\alpha+1} + 1) + \Omega_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,1,1)(2,1,1)(3,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \Omega_{\alpha+1} + \alpha)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,1,1)(2,1,1)(3,1,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \Omega_{\alpha+1} \cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,1,1)(3,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \Omega_{\alpha+1} \cdot \alpha)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,1,1)- -(3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \Omega_{\alpha+1} \cdot \alpha \cdot 2)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,1,1)(3,1,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \Omega_{\alpha+1}^2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,1,1)(4,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \Omega_{\alpha+1}^{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_2)))))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,0)(2,1,1)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_2) \cdot 2)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,0)(3,1,1)(4,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_2 + \psi_{\alpha_2}(\alpha_2))))))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,0)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_2 \cdot 2))))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,0)(4,3,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \psi_{\alpha_{2}}(\Omega_{\alpha_{2}+1})) + \Omega_{\alpha+1} \cdot \omega))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \psi_{\alpha_2}(\Omega_{\alpha_2+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,1)(2,1,1)(3,2,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \psi_{\alpha_2}(\Omega_{\alpha_2+1}) \cdot 2 + 1)))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,1)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \psi_{\alpha_2}(\Omega_{\alpha_2+1} + \alpha_2))))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)-(3,2,1)(4,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_3))))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega})))))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)(3,2,2)(2,1,1)(3,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega}) \cdot 2)))$
(0,0,0)(1,1,1)(2,2,2)(2,1,1)- $-(3,2,2)(3,1,1)(4,2,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega}))))))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)	$\psi(\psi_{lpha}(lpha_{\omega}+lpha_2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0) - (2,1,0)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 + \Omega_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0) - (2,1,0)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 + \psi_{\alpha_2}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(2,1,0)(3,2,1)(4,3,2)(4,3,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 + \psi_{\alpha_2}(\alpha_{\omega} + \alpha_2)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 + \psi_{\alpha_2}(\alpha_{\omega} + \alpha_2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(2,1,1)(3,1,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 + \psi_{\alpha_2}(\alpha_{\omega} + \alpha_2 + \Omega_{\alpha+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(2,1,1)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 + \psi_{\alpha_2}(\alpha_{\omega} + \alpha_2 + \psi_{\alpha_2}(\alpha_2))))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(2,1,1)(3,2,2)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 + \psi_{\alpha_2}(\alpha_{\omega} + \alpha_2 + \psi_{\alpha_2}(\alpha_{\omega} + \alpha_2)))))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 \cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,1,0)(2,0,0)	$\psi(\psi_{lpha}(lpha_{\omega}+lpha_2\cdotlpha))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,1,0)(4,2,1)(5,3,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 \cdot \Omega_{\alpha+1} + \psi_{\alpha_2}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 \cdot \Omega_{\alpha+1} + \psi_{\alpha_2}(\alpha_{\omega} + \alpha_2 \cdot \Omega_{\alpha+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,1,1)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 \cdot (\Omega_{\alpha+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 \cdot \Omega_{\alpha+1} \cdot 2 +$
-(3,1,1)(2,2,0)(3,1,1)	$\psi_{\alpha_2}(\alpha_\omega + \alpha_2 \cdot \Omega_{\alpha+1} \cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0) - (3,1,1)(4,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 \cdot \psi_{\alpha_2}(\alpha_2)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,1,1)(4,2,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_2 \cdot \psi_{\alpha_2}(\alpha_{\omega})))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}+{\alpha_2}^2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,2,0)(2,2,0)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + {\alpha_2}^2 \cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1}))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)(3,3,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} + \Omega_{\alpha+1} \cdot \omega))$
(0,0,0)(1,1,1)(2,2,2)(2,2,0)- $-(3,3,1)(4,4,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} + \psi_{\alpha_2}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} + \psi_{\alpha_2}(\alpha_{\omega} + \Omega_{\alpha_2+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} + \psi_{\alpha_2}(\alpha_{\omega} + \Omega_{\alpha_2+1} + 2)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} + \dots + \Omega_{\alpha_m})))$
-(2,1,1)(3,2,2)	$\psi_{\alpha_2}(\alpha_\omega + \Omega_{\alpha_2+1} + \psi_{\alpha_2}(\alpha_\omega))))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} + \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(2,2,0)(3,3,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} \cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(2,2,0)(3,3,1)(4,4,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} \cdot 2 + \psi_{\alpha_2}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(2,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} \cdot 2 +$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(2,2,1)	$\psi_{\alpha_2}(\alpha_\omega + \Omega_{\alpha_2+1} \cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} \cdot \omega))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} \cdot \alpha))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} \cdot \Omega_{\alpha+1} +$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,1,1)	$\psi_{\alpha_2}(\alpha_\omega + \Omega_{\alpha_2+1} \cdot \Omega_{\alpha+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,1,1)(4,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} \cdot \psi_{\alpha_2}(\alpha_2)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,1,1)(4,2,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} \cdot \psi_{\alpha_2}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2+1} \cdot \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_2 + 1}^2))$
-(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha \gamma + 1}^2 +$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_{2}+1} + \psi_{\alpha_{2}}(\alpha_{\omega} + \Omega_{\alpha_{2}+1}^{2} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,0)	$\psi(\psi_{lpha}(lpha_{\omega}+\psi_{lpha_3}(lpha_3)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)(3,3,2)(3,3,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_3+1} + \psi_{\alpha_2}(\alpha_{\omega} + \Omega_{\alpha_3+1} + 1)))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,3,2)(3,3,1)(4,3,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \Omega_{\alpha_3+1} \cdot \alpha_3))$
(0,0,0)(1,1,1)(2,2,2)(2,2,1)- $-(3,3,2)(3,3,1)(4,4,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_4}(\alpha_4)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)	$\psi(\psi_{lpha}(lpha_{\omega}\cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2 + \psi_{\alpha_2}(\alpha_{\omega}\cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)- $-(2,1,1)(3,2,2)(3,2,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} \cdot 2 + \psi_{\alpha_2}(\alpha_{\omega} \cdot 2))))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2+\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)- $-(2,2,0)(3,3,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2 + \Omega_{\alpha_2+1} + \Omega_{\alpha+1}\cdot \omega))$
$ \left \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(2,2,2)(2,2,1) \end{array} \right $	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2 + \Omega_{\alpha_2+1} +$
	$\psi_{\alpha_2}(\alpha_\omega \cdot 2 + \Omega_{\alpha_2+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)- $-(2,2,1)(3,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2 + \Omega_{\alpha_2+1}\cdot \omega))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)-(2,2,1)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2 + \Omega_{\alpha_2+1}\cdot \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)- $-(2,2,1)(3,3,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2+\psi_{\alpha_{3}}(\alpha_{3})))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2 + \psi_{\alpha_3}(\Omega_{\alpha_3+1}) +$
-(2,2,1)(3,3,1)	$\psi_{\alpha_2}(\alpha_\omega \cdot 2 + \psi_{\alpha_3}(\Omega_{\alpha_3+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)- $-(2,2,1)(3,3,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2 + \psi_{\alpha_{3}}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)- $-(2,2,1)(3,3,2)(3,3,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2 + \psi_{\alpha_{3}}(\alpha_{\omega}\cdot 2)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(2,2,2)(2,2,1) - \\ -(3,3,2)(3,3,2)(3,2,1)(4,3,2)(4,3,2) \end{array} $	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 2 + \psi_{\alpha_3}(\alpha_{\omega}\cdot 2 + \psi_{\alpha_3}(\alpha_{\omega}\cdot 2))))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)- $-(2,2,1)(3,3,2)(3,3,2)(3,3,0)$	$\psi(\psi_{lpha}(lpha_{\omega}\cdot 2+lpha_3))$
(0,0,0)(1,1,1)(2,2,2)(2,2,2)(2,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot 3))$
(0,0,0)(1,1,1)(2,2,2)(3,0,0)	$\psi(\psi_{lpha}(lpha_{\omega}\cdot\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,1,0)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\Omega_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,1,0)(3,2,1)(4,3,2)(5,1,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\Omega)))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0)- $-(3,2,1)(4,3,2)(5,1,0)(1,1,1)-$ $-(2,2,2)(3,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\psi_{\alpha}(\alpha_{\omega}\cdot\alpha))))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0) - \\ -(3,2,1)(4,3,2)(5,1,0)(1,1,1)(2,2,2) - \end{array} $	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\psi_{\alpha}(\alpha_{\omega}\cdot\alpha)))+$
-(3,1,0)(2,1,0)(3,2,1)(4,3,2)(5,1,0)	$\psi_{\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\Omega_{\alpha+1})}(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\Omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0) - (2,1,0)(3,2,1)(4,3,2)(5,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \psi_{\alpha}(\alpha_{\omega} \cdot \alpha))) + $ $\psi_{\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \Omega_{\alpha+1})}(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + $ $\psi_{\alpha_{2}}(\alpha_{\omega} \cdot \psi_{\alpha}(\alpha_{\omega} \cdot \alpha))) + 1))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0)- $-(3,2,1)(4,3,2)(5,1,0)(3,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \psi_{\alpha}(\alpha_{\omega} \cdot \alpha))) +$ $\psi_{\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \Omega_{\alpha+1})}(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha +$ $\psi_{\alpha_{2}}(\alpha_{\omega} \cdot \psi_{\alpha}(\alpha_{\omega} \cdot \alpha))) +$ $\psi_{\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \Omega_{\alpha+1})}(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha +$ $\psi_{\alpha_{2}}(\alpha_{\omega} \cdot \psi_{\alpha}(\alpha_{\omega} \cdot \alpha))) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0) - (3,2,1)(4,3,2)(5,1,0)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \psi_{\alpha}(\alpha_{\omega} \cdot \alpha))) + \psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \Omega_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0) - (2,1,0)(3,2,1)(4,3,2)(5,1,0) - (3,2,1)(4,3,2)(5,1,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \psi_{\alpha}(\alpha_{\omega} \cdot \alpha))) + \psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \Omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0) - (3,2,1)(4,3,2)(5,1,0)(4,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\psi_{\alpha}(\alpha_{\omega}\cdot\alpha)))\cdot\omega)$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0)- $-(3,2,1)(4,3,2)(5,1,0)(4,2,0)(3,2,1)-$ $-(4,3,2)(5,1,0)(1,1,1)-$ $-(2,2,2)(3,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\psi_{\alpha}(\alpha_{\omega}\cdot\alpha)))^{2})$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0) - (3,2,1)(4,3,2)(5,1,0)(4,2,0)(5,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\psi_{\alpha}(\alpha_{\omega}\cdot\alpha))+\Omega_{\alpha+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0)- $-(3,2,1)(4,3,2)(5,1,0)(4,3,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\psi_{\alpha}(\alpha_{\omega}\cdot\alpha)+\alpha_{2})))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0) - \\ -(3,2,1)(4,3,2)(5,1,0)(4,3,2) \end{array} $	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha)+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0) - (3,2,1)(4,3,2)(5,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\Omega_{\alpha+1}))))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0) - \\ -(3,2,1)(4,3,2)(5,2,0)(3,2,1)(4,3,2) \end{array} $	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \psi_{\alpha_{2}}(\alpha_{\omega}))))))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,0) - (3,2,1)(4,3,2)(5,2,0)(4,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha+1)))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,1,1)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{2}))))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,1,1)(3,2,2)(4,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha))))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,0)(3,3,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\Omega_{\alpha_{2}+1}+\Omega_{\alpha+1}\cdot\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha + \Omega_{\alpha_2+1} + \psi_{\alpha_2}(\alpha_{\omega} \cdot \alpha + \Omega_{\alpha_2+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,1)(3,2,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\Omega_{\alpha_{2}+1}\cdot\alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,1)(3,3,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_3}(\alpha_3)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,1)(3,3,2)(4,2,0)(3,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\alpha)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,1)(3,3,2)(4,2,0)(3,3,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha+\alpha_3))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(2,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(2,2,2)(3,1,0)(2,0,0)$	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha\cdot2))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(3,0,0)	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha\cdot\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(3,1,0)(2,0,0)$	$\psi(\psi_lpha(lpha_\omega\cdotlpha^2))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)(4,2,0)	$\psi(\psi_{lpha}(lpha_{\omega}\cdotarepsilon_{lpha+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0)- $-(4,2,1)(5,3,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+\psi_{\alpha_{2}}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(3,1,0) - (4,2,1)(5,3,2)(6,2,0)(5,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+\psi_{\alpha_2}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+$
-(2,1,0)(3,2,0)	$\psi_{\alpha_2}(\alpha_\omega \cdot \Omega_{\alpha+1} + 1) + \Omega_{\alpha+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+2)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+$
-(2,1,1)(3,1,1)	$\frac{\psi_{\alpha_2}(\alpha_\omega \cdot \Omega_{\alpha+1} + \Omega_{\alpha+1} + 1)))}{\psi(\psi_{\alpha}(\alpha_\omega \cdot \Omega_{\alpha+1} +$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)-(2,1,1)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \Omega_{\alpha+1} + \psi_{\alpha_2}(\alpha_2))))$ $\psi_{\alpha_2}(\alpha_{\omega} \cdot \Omega_{\alpha+1} + \psi_{\alpha_2}(\alpha_2))))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,1,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+$
-(2,1,1)(3,2,2)(4,1,0)(2,0,0)	$\psi_{\alpha_2}(\alpha_\omega \cdot \Omega_{\alpha+1} + \psi_{\alpha_2}(\alpha_\omega \cdot \alpha))))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+\psi_{\alpha_2}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+$
-(2,1,1)(3,2,2)(4,1,1)	$\psi_{\alpha_2}(\alpha_\omega\cdot\Omega_{\alpha+1})+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(2,2,0)(3,3,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+\varepsilon_{\alpha_{2}+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(2,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \Omega_{\alpha+1} + \Omega_{\alpha_{2}+1} + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \Omega_{\alpha+1} + \Omega_{\alpha_{2}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(2,2,1)(3,3,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \Omega_{\alpha+1} + \psi_{\alpha_3}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(2,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\Omega_{\alpha+1}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(2,2,2)(3,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\Omega_{\alpha+1}+\alpha)))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,1,1)(2,2,2)(3,1,1)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}\cdot 2+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\Omega_{\alpha+1}\cdot 2+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(3,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha+1}\cdot\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(3,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\Omega_{\alpha+1}^{2})+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot(\Omega_{\alpha+1}^{2})+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(4,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\psi_{\alpha_{2}}(\alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)(4,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\psi_{\alpha_{2}}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(3,1,1)- $-(4,2,2)(5,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,1,0)(3,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\Omega_{\alpha+1}\cdot\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,1,0)(3,2,1)(4,3,2)(5,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_2+$
-(2,1,0)(3,2,1)(4,3,2)(5,2,0)	$\psi_{\alpha_2}(\alpha_\omega \cdot \psi_\alpha(\alpha_\omega \cdot \alpha_2 + \Omega_{\alpha+1}))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,1,0)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_2+$
-(3,2,1)(4,3,2)(5,2,0)(3,2,0)-	$\psi_{\alpha}(\alpha_{\omega}\cdot\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\Omega_{\alpha+1}\cdot2))))$
-(4,3,1)(5,4,2)(6,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,1,0) - (0,0,1)(4,2,2)(5,2,0)(2,2,1)(4,2,2)	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_{2}+$
-(3,2,1)(4,3,2)(5,2,0)(3,2,1)(4,3,2)	$\psi_{\alpha_2}(\alpha_\omega \cdot \psi_\alpha(\alpha_\omega \cdot \alpha_2 + \psi_{\alpha_2}(\alpha_\omega)))))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,1,0) - \\ -(3,2,1)(4,3,2)(5,2,0)(4,0,0) \end{array} $	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha)))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,1,0) - (3,2,1)(4,3,2)(5,2,0)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot(\alpha+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,1,0) - (3,2,1)(4,3,2)(5,2,0)(6,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\varepsilon_{\alpha+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,1,0) - (3,2,1)(4,3,2)(5,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\Omega_{\alpha+1}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,1,0) - (3,2,1)(4,3,2)(5,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha_{2}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,1,1)(3,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha_{2}+\alpha)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_{2}+$
-(2,1,1)(3,2,0)	$\psi_{\alpha_2}(\alpha_\omega\cdot\alpha_2+\psi_{\alpha_2}(\alpha_2))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+$
-(2,1,1)(3,2,2)(4,2,0)	$\psi_{\alpha_2}(\alpha_\omega\cdot\alpha_2+\psi_{\alpha_2}(\alpha_\omega\cdot\alpha_2))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_2+\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,0)(3,3,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\Omega_{\alpha_{2}+1}+\Omega_{\alpha+1}\cdot\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha_2 + \Omega_{\alpha_2+1} + \psi_{\alpha_2}(\alpha_{\omega} \cdot \alpha_2 + \Omega_{\alpha_2+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \alpha_2 + \Omega_{\alpha_2+1} + \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(3,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\Omega_{\alpha_{2}+1}\cdot\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(3,3,0)	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_{2}+\psi_{lpha_{3}}(lpha_{3})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(3,3,2)(4,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(3,3,2)(4,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\alpha)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(3,3,2)(4,1,0)(5,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\varepsilon_{\alpha+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\Omega_{\alpha+1})+$
-(2,2,1)(3,3,2)(4,1,1)	$\psi_{\alpha_2}(\alpha_\omega \cdot \alpha_2 + \psi_{\alpha_3}(\alpha_\omega \cdot \Omega_{\alpha+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(3,3,2)(4,1,1)(5,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\psi_{\alpha_{2}}(\alpha_{2}))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (2,2,1)(3,3,2)(4,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\alpha_{2})))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\alpha_{2}+1)))$
-(2,2,1)(3,3,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\alpha_{2}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_2+\psi_{lpha_3}(lpha_{\omega}\cdotlpha_2+lpha_2)))$
-(2,2,1)(3,3,2)(4,2,0)(3,2,0)	$\varphi(\varphi_{\alpha}(\alpha_{\omega} - \alpha_{2} + \varphi_{\alpha_{3}}(\alpha_{\omega} - \alpha_{2} + \alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\alpha_{2}+\Omega_{\alpha_{2}+1})+$
-(2,2,1)(3,3,2)(4,2,0)(3,2,1)	$\psi_{\alpha_2}(\alpha_\omega \cdot \alpha_2 + \psi_{\alpha_3}(\alpha_\omega \cdot \alpha_2 + \Omega_{\alpha_2+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\alpha_{\omega}))))$
-(3,3,2)(4,2,0)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega} + \alpha_{2} + \psi_{\alpha_{3}}(\alpha_{\omega} + \alpha_{2} + \psi_{\alpha_{3}}(\alpha_{\omega}))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_lpha(lpha_\omega\cdotlpha_2+lpha_3))$
-(2,2,1)(3,3,2)(4,2,0)(3,3,0)	$\varphi (\varphi \alpha (\alpha \omega - \alpha_2 + \alpha_3))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+arepsilon_{lpha_{3}+1}))$
-(2,2,1)(3,3,2)(4,2,0)(3,3,0)(4,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+$
-(2,2,1)(3,3,2)(4,2,0)(3,3,1)	$\Omega_{\alpha_3+1} + \psi_{\alpha_2}(\alpha_\omega \cdot \alpha_2 + \Omega_{\alpha_3+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_2+\psi_{lpha_{A}}(lpha_{\omega})))$
-(2,2,1)(3,3,2)(4,2,0)(3,3,1)(4,4,2)	$\varphi \left(\varphi \alpha \left(\omega_{\omega} - \omega_{2} + \varphi \alpha_{4} \left(\omega_{\omega} \right) \right) \right)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_2+\psi_{lpha_4}(lpha_{\omega}\cdotlpha_2)))$
-(3,3,2)(4,2,0)(3,3,1)(4,4,2)(5,2,0)	/ (/ u (- w 2 / u ₄ (-w 2)))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,1)(3,3,2)(4,2,0)(3,3,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}+\alpha_{4}))$
-(4,4,2)(5,2,0)(4,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_2+1)))$
-(2,2,1)(3,3,2)(4,2,0)(3,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_2+1)+$
-(3,3,2)(4,2,0)(3,3,2)(2,1,1)	$\psi_{\alpha_2}(\alpha_\omega \cdot (\alpha_2 + 1) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1) -	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_2+1)+$
-(3,3,2)(4,2,0)(3,3,2)(2,1,1)(3,2,2)	$\psi_{\alpha_2}(\alpha_\omega \cdot (\alpha_2 + 1) + \psi_{\alpha_2}(\alpha_\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdot(lpha_2+1)+lpha_2))$
-(3,3,2)(4,2,0)(3,3,2)(2,2,0)	, (, a, a (2), 2),
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1) -	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_2+1)+\Omega_{\alpha_2+1}+$
-(3,3,2)(4,2,0)(3,3,2)(2,2,1)	$\psi_{\alpha_2}(\alpha_\omega \cdot (\alpha_2 + 1) + \Omega_{\alpha_2 + 1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	
-(3,3,2)(4,2,0)(3,3,2)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_2+1)+\psi_{\alpha_3}(\alpha_{\omega}\cdot(\alpha_2+1))))$
-(3,3,2)(4,2,0)(3,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_2+1)+$
-(2,2,1)(3,3,2)(4,2,0)-	$\psi_{\alpha_3}(\alpha_\omega \cdot (\alpha_2 + 1) + \psi_{\alpha_3}(\alpha_\omega))))$
-(3,3,2)(3,2,1)(4,3,2)	$\tau \alpha_3 (-\omega (\omega_2 + \omega_1) + \tau \alpha_3 (\omega \omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_2+1)+\alpha_3))$
-(3,3,2)(4,2,0)(3,3,2)(3,3,0)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	.l/.l/ (- (- 19)))
-(3,3,2)(4,2,0)(3,3,2)(3,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_2+2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	
-(3,3,2)(4,2,0)(3,3,2)(4,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_{2}+\alpha)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_{2}+\alpha)+\alpha_{2}))$
-(3,3,2)(4,2,0)(3,3,2)(4,1,0)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot (\alpha_2 + \alpha_1) + \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_{2}+lpha)+lpha_{3}))$
-(3,3,2)(4,2,0)(3,3,2)(4,1,0)(3,3,0)	$\varphi(\varphi_{\alpha}(a_{\omega} \cdot (a_2 + a) + a_3))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_{2}+\alpha+1)))$
-(3,3,2)(4,2,0)(3,3,2)(4,1,0)(3,3,2)	$\varphi(\varphi_{\alpha}(\alpha_{\omega} + (\alpha_2 + \alpha + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,1)(3,3,2)(4,2,0)(3,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_2+\alpha\cdot 2)))$
-(4,1,0)(3,3,2)(4,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_{2}+arepsilon_{\alpha+1})))$
-(3,3,2)(4,2,0)(3,3,2)(4,1,0)(5,2,0)	$\varphi (\varphi \alpha (\omega_{\omega} (\omega_{2} + \omega_{\alpha+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_{2}+\Omega_{\alpha+1})+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot(\alpha_{2}+\Omega_{\alpha+1})+1)))$
-(3,3,2)(4,2,0)(3,3,2)(4,1,1)	$\varphi(\varphi_{\alpha}(\alpha\omega) (\alpha_2 + \beta\beta\alpha+1) + \varphi_{\alpha_2}(\alpha\omega) (\alpha_2 + \beta\beta\alpha+1) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdot(lpha_2+\psi_{lpha_2}(lpha_2))))$
-(3,3,2)(4,2,0)(3,3,2)(4,1,1)(5,2,0)	$\varphi (\varphi \alpha (\otimes \omega - (\otimes_2 + \varphi \alpha_2 (\otimes_2))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_lpha(lpha_\omega\cdotlpha_2\cdot 2))$
-(3,3,2)(4,2,0)(3,3,2)(4,2,0)	φ (φα(ωω ω2 -))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_lpha(lpha_\omega\cdotlpha_2\cdotlpha))$
-(3,3,2)(4,2,0)(4,1,0)(2,0,0)	7 (7 a (** a ** 2 * * 7))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{2}\cdot\Omega_{\alpha+1}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha_{2}\cdot\Omega_{\alpha+1}+1)))$
-(3,3,2)(4,2,0)(4,1,1)	$\gamma (\gamma a (\gamma \omega - \gamma 2 - a_1 1 + \gamma a_2 (\gamma \omega - \gamma 2 - a_1 1 + \gamma)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot{\alpha_2}^2))$
-(2,2,1)(3,3,2)(4,2,0)(4,2,0)	, (, a(
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi(\psi_{lpha}(lpha_{\omega}\cdotarepsilon_{lpha + 1}))$
-(2,2,1)(3,3,2)(4,2,0)(5,3,0)	, (; u(~w -u ₂ ;1))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega} \cdot \Omega_{\alpha_{2}+1} + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \Omega_{\alpha_{2}+1} + 1)))$
-(2,2,1)(3,3,2)(4,2,1)	, (, a (a a ₂ , 1 · , a ₂ (a a ₂ , 1 · ,)))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha_2+1}+\alpha_2))$
-(2,2,1)(3,3,2)(4,2,1)(2,2,0)	/ (/ a(-w a ₂ 1 ·2/)
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\Omega_{\alpha_{2}+1}+1)))$
-(2,2,1)(3,3,2)(4,2,1)(3,3,2)	, (, a (a ₂ 11 · //)
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\Omega_{\alpha_{2}+1}+\alpha_{2})))$
-(3,3,2)(4,2,1)(3,3,2)(4,2,0)	, ,, a, a , a ₂ , 1 · 2///
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha_{2}+1}\cdot 2+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\Omega_{\alpha_{2}+1}\cdot 2+1)))$
-(3,3,2)(4,2,1)(3,3,2)(4,2,1)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,1)(3,3,2)(4,2,1)(5,3,0)	$\psi(\psi_lpha(lpha_\omega\cdot\psi_{lpha_3}(lpha_3)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,1)(3,3,2)(4,2,1)(5,3,2)	$\psi(\psi_{lpha}(lpha_{\omega}\cdot\psi_{lpha_{3}}(lpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_{3}))$
-(2,2,1)(3,3,2)(4,3,0)	$\psi(\psi_lpha(lpha_\omega\cdotlpha_3))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_{3}+lpha_{2}))$
-(2,2,1)(3,3,2)(4,3,0)(2,2,0)	$\varphi(\varphi_{\alpha}(\alpha_{\omega} + \alpha_3 + \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_lpha(lpha_\omega\cdotlpha_3+lpha_3))$
-(2,2,1)(3,3,2)(4,3,0)(3,3,0)	$\varphi(\varphi_{\alpha}(\alpha_{\omega} \cdot \alpha_3 + \alpha_3))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{3}+\Omega_{\alpha_{3}+1}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\alpha_{3}+\Omega_{\alpha_{3}+1}+1)))$
-(2,2,1)(3,3,2)(4,3,0)(3,3,1)	$\varphi(\varphi_{\alpha}(\alpha\omega \alpha_3 + \alpha_{3+1} + \varphi_{\alpha_2}(\alpha\omega \alpha_3 + \alpha_{3+1} + \alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_3+\psi_{lpha_4}(lpha_{\omega})))$
-(3,3,2)(4,3,0)(3,3,1)(4,4,2)	$\varphi (\varphi_{\alpha}(\alpha_{\omega} - \alpha_{3} + \varphi_{\alpha_{4}}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1) -	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_{3}+\psi_{lpha_{4}}(lpha_{\omega}\cdotlpha_{3})))$
-(3,3,2)(4,3,0)(3,3,1)(4,4,2)(5,3,0)	$\varphi (\varphi \alpha (\alpha \omega - \alpha s + \varphi \alpha_4 (\alpha \omega - \alpha s)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,1)(3,3,2)(4,3,0)(3,3,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\alpha_{3}+\alpha_{4}))$
-(4,4,2)(5,3,0)(4,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,1)(3,3,2)(4,3,0)(3,3,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot(\alpha_3+1)))$
-(4,4,2)(5,3,0)(4,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,1)(3,3,2)(4,3,0)(3,3,1)-	$\psi(\psi_lpha(lpha_\omega\cdot(lpha_3+lpha_2)))$
-(4,4,2)(5,3,0)(4,4,2)(5,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,1)(3,3,2)(4,3,0)(3,3,1)-	$\psi(\psi_lpha(lpha_\omega\cdotlpha_3\cdot 2))$
-(4,4,2)(5,3,0)(4,4,2)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	1/ 1 / 200
-(2,2,1)(3,3,2)(4,3,0)(3,3,1)	$\psi(\psi_{lpha}({lpha_{\omega}\cdot{lpha_{3}}^{2}}))$
-(4,4,2)(5,3,0)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	
-(2,2,1)(3,3,2)(4,3,0)(3,3,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot \varepsilon_{\alpha_3+1}))$
-(4,4,2)(5,3,0)(6,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}\cdot\Omega_{\alpha_{3}+1}+\psi_{\alpha_{2}}(\alpha_{\omega}\cdot\Omega_{\alpha_{3}+1}+1)))$
-(3,3,2)(4,3,0)(3,3,1)(4,4,2)(5,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	
-(2,2,1)(3,3,2)(4,3,0)(3,3,1)	$\psi(\psi_lpha(lpha_\omega\cdot\psi_{lpha_4}(lpha_\omega)))$
-(4,4,2)(5,3,1)(6,4,2)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,1)-	
-(3,3,2)(4,3,0)(3,3,1)(4,4,2)(5,4,0)	$\psi(\psi_{lpha}(lpha_{\omega}\cdotlpha_4))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2)	$\psi(\psi_{lpha}({lpha_{\omega}}^2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+\Omega_{\alpha+1}))$
-(2,2,2)(2,1,0)(3,2,0)	$\varphi(\varphi_{\alpha}(\alpha\omega + \beta\beta\alpha+1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega}}^2+{\psi_{lpha_{lpha}}}({lpha_{\omega}}\cdot{lpha_{2}})))$
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)(5,3,0)	$\varphi(\varphi_{\alpha}(\alpha_{\omega} + \varphi_{\alpha_{2}}(\alpha_{\omega} + \alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2) -	$\psi(\psi_{lpha}({lpha_{\omega}}^2+{\psi_{lpha_2}}({lpha_{\omega}\cdotlpha_2}+1)))$
-(2,1,0)(3,2,1)(4,3,2)(5,3,0)(4,2,1)	$\varphi(\varphi_{\alpha}(\alpha_{\omega} + \varphi_{\alpha_{2}}(\alpha_{\omega} + \alpha_{2} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \alpha_{2} + \psi_{\alpha_{2}}(\alpha_{2}))))$
-(5,3,0)(4,2,1)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2) -	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+\psi_{\alpha_2}(\alpha_{\omega}\cdot\alpha_2+\alpha_2)))$
-(2,1,0)(3,2,1)(4,3,2)(5,3,0)(4,3,0)	$\varphi(\varphi_{\alpha}(\alpha_{\omega} + \varphi_{\alpha_{2}}(\alpha_{\omega} + \alpha_{2} + \alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \alpha_{2} + \psi_{\alpha_{3}}(\alpha_{\omega}))))$
-(5,3,0)(4,3,1)(5,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \alpha_{2} + \psi_{\alpha_{3}}(\alpha_{\omega} \cdot \alpha_{2}))))$
-(5,3,0)(4,3,1)(5,4,2)(6,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)(5,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot (\alpha_{2} + 1))))$
-(4,3,1)(5,4,2)(6,3,0)(5,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)(5,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \alpha_{2} \cdot 2)))$
-(4,3,1)(5,4,2)(6,3,0)(5,4,2)(6,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2) -	
-(2,1,0)(3,2,1)(4,3,2)(5,3,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega} \cdot \alpha_{3})))$
-(4,3,1)(5,4,2)(6,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2) -	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+{\psi_{\alpha_{\alpha}}({\alpha_{\omega}}^2)}))$
-(2,1,0)(3,2,1)(4,3,2)(5,3,0)(4,3,2)	/ (/ a (· · a · · / a ₂ (· · · · / /))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^2 + \psi_{\alpha_2}(\alpha_{\omega}^2) + 1))$
-(5,3,0)(4,3,2)(4,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	2
-(2,2,2)(2,1,0)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega}^{2}) + \psi_{\alpha}(\alpha_{\omega}^{2} + \Omega_{\alpha+1})))$
-(5,3,0)(4,3,2)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2)-	
-(2,1,0)(3,2,1)(4,3,2)(5,3,0)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega}^{2}) + \psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega}^{2}))))$
-(4,2,0)(3,2,1)(4,3,2)(5,3,0)(4,3,2)	

投影
$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \psi_{\alpha_{2}}(\alpha_{\omega}^{2}) + \alpha))$
$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+{\psi_{\alpha_{\alpha}}({\alpha_{\omega}}^2+1)}))$
$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_2}(\alpha_{\omega} + 1)))$
$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+{\psi_{\alpha}}_{\alpha}({\alpha_{\omega}}^2+lpha)))$
$\psi(\psi_{\alpha}(\alpha_{\omega} + \psi_{\alpha_{2}}(\alpha_{\omega} + \alpha)))$
$\psi(\psi_{\alpha}(\alpha_{\omega}^2 + \psi_{\alpha_2}(\alpha_{\omega}^2 + \Omega_{\alpha+1} + 1)))$
$\varphi(\varphi_{\alpha}(\alpha_{\omega} + \varphi_{\alpha_{2}}(\alpha_{\omega} + s_{\alpha+1} + 1)))$
$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+\psi_{\alpha_2}({\alpha_{\omega}}^2+\psi_{\alpha_2}({\alpha_2}))))$
$\varphi(\varphi_{\alpha}(\alpha_{\omega} + \varphi_{\alpha_{2}}(\alpha_{\omega} + \varphi_{\alpha_{2}}(\alpha_{2}))))$
$\psi(\psi_{\alpha}(\alpha_{\omega}^{2}+\psi_{\alpha_{2}}(\alpha_{\omega}^{2}+\psi_{\alpha_{2}}(\alpha_{\omega}^{2}))))$
$\psi(\psi_{\alpha}(\alpha_{\omega} \vdash \psi_{\alpha_{2}}(\alpha_{\omega} \vdash \psi_{\alpha_{2}}(\alpha_{\omega}))))$
$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+{\alpha_2}))$
$\varphi(\varphi_{\alpha}(\alpha_{\omega} + \alpha_{2}))$
$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+arepsilon_{\alpha_2+1}))$
$\varphi (\varphi \alpha (\alpha \omega + \alpha \alpha_2 + 1))$
$\psi(\psi_{\alpha}(\alpha_{\omega}^2 + \Omega_{\alpha_2+1} + \psi_{\alpha_2}(\alpha_{\omega}^2 + \Omega_{\alpha_2+1} + 1)))$
$\varphi(\varphi_{\alpha}(\alpha\omega + \square \square \alpha_2 + 1 + \varphi_{\alpha_2}(\alpha\omega + \square \square \alpha_2 + 1 + 1)))$
$\psi({\psi_{lpha}}({{lpha_{\omega}}^2}+{{\psi_{lpha_3}}}({lpha_{\omega}})))$
$\varphi \left(\varphi \alpha \left(\alpha \omega + \varphi \alpha_3 \left(\alpha \omega \right) \right) \right)$
$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+{\alpha_{\omega}}))$
$\varphi (\varphi \alpha (\omega \omega + \omega \omega))$
$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+{\alpha_{\omega}}\cdot\omega))$
$\varphi(\varphi_{\alpha}(\alpha_{\omega} + \alpha_{\omega} + \alpha_{\omega}))$
$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+{\alpha_{\omega}}\cdot\alpha))$
$\varphi (\varphi a(\omega \omega + \omega \omega))$
$\psi(\psi_{\alpha}(\alpha_{\omega}^{2}+\alpha_{\omega}\cdot(\alpha+1)))$
γ (γα(ωω ωω (ω 1)))
$\psi(\psi_{lpha}({lpha_{\omega}}^2+{lpha_{\omega}}\cdotarepsilon_{lpha+1}))$
$\gamma (\gamma \alpha (\omega \omega + \omega \omega + 1))$
$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot \Omega_{\alpha+1} + \psi_{\alpha\alpha}(\alpha_{\omega})))$
, , , , , , , , , , , , , , , , , , , ,
$\psi(\psi_{\alpha}(\alpha_{\omega}^2 + \alpha_{\omega} \cdot \Omega_{\alpha+1} +$
$\psi_{\alpha_2}(\alpha_{\omega}^2 + \alpha_{\omega} \cdot \Omega_{\alpha+1} + 1)))$
$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot \Omega_{\alpha+1} +$
$\psi_{\alpha_2}(\alpha_{\omega}^2 + \alpha_{\omega} \cdot \Omega_{\alpha+1} + 2)))$
$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot \Omega_{\alpha+1} + \alpha_{2}))$

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(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot (\Omega_{\alpha+1} + 1)))$
-(2,2,2)(3,1,1)(2,2,2)	1/1/2
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot \Omega_{\alpha+1} \cdot 2 +$
-(2,2,2)(3,1,1)(2,2,2)(3,1,1)	$\psi_{\alpha_2}(\alpha_{\omega}^2 + \alpha_{\omega} \cdot \Omega_{\alpha+1} \cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega}}^2+{lpha_{\omega}}\cdot\psi_{lpha_2}({lpha_2})))$
-(2,2,2)(3,1,1)(4,2,0)	, (, a (a · a , a ₂ (2),))
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2+{\alpha_{\omega}\cdot\alpha_2}))$
-(3,2,0)(2,2,2)(3,2,0)	2
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2 + \alpha_{\omega} \cdot \alpha_2 +$
-(2,2,2)(3,2,0)(2,1,1)	$\psi_{\alpha_2}(\alpha_{\omega}^2 + \alpha_{\omega} \cdot \alpha_2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega}}^2+{lpha_{\omega}}\cdot{lpha}_2+{lpha}_2))$
-(2,2,2)(3,2,0)(2,2,0)	$\varphi (\varphi \alpha (\alpha \omega + \alpha \omega + \alpha z + \alpha z))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2)-	$\psi(\psi_{lpha}({lpha_{\omega}}^2+{lpha_{\omega}}\cdot{lpha}_2+{\psi_{lpha_3}}({lpha_{\omega}}^2)))$
-(3,2,0)(2,2,1)(3,3,2)(4,3,0)(3,3,2)	$\varphi(\varphi_{\alpha}(\alpha_{\omega} + \alpha_{\omega} + \alpha_{2} + \varphi_{\alpha_{3}}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,2)(3,2,0)(2,2,1)(3,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot \alpha_{2} + \psi_{\alpha_{3}}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot \alpha_{2})))$
-(4,3,0)(3,3,2)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2) -	
-(3,2,0)(2,2,1)(3,3,2)(4,3,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot \alpha_{2} + \alpha_{3}))$
-(3,3,2)(4,2,0)(3,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2) -	
-(3,2,0)(2,2,1)(3,3,2)(4,3,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot (\alpha_{2} + 1)))$
-(3,3,2)(4,2,0)(3,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(2,2,2) -	
-(3,2,0)(2,2,1)(3,3,2)(4,3,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot \alpha_{2} \cdot 2))$
-(3,3,2)(4,2,0)(3,3,2)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,2)(3,2,0)(2,2,1)(3,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2} + \alpha_{\omega} \cdot \varepsilon_{\alpha_{2}+1}))$
-(4,3,0)(3,3,2)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(2,2,2)(3,2,0)(2,2,1)(3,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2}+\alpha_{\omega}\cdot\alpha_{3}))$
-(4,3,0)(3,3,2)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega}}^2\cdot 2))$
-(2,2,2)(3,2,0)(2,2,2)	τ (τα(~ω -))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega}}^2\cdotlpha))$
-(3,1,0)(2,0,0)	/ (/ a (- w /)
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2\cdot lpha+lpha_{\omega}))$
-(3,1,0)(2,2,2)	/ (/ a(a w//
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2}\cdot(\alpha+1)))$
-(3,1,0)(2,2,2)(3,2,0)(2,2,2)	, (, α(-ω (

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(0,0,0)(1,1,1)(2,2,2)(3,2,0)(3,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2}\cdot\Omega_{\alpha+1}+\psi_{\alpha_{2}}(\alpha_{\omega}^{2}\cdot\Omega_{\alpha+1}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega}}^2\cdot\psi_{lpha_2}(lpha_2)))$
-(3,1,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}^2\cdot\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0) - (3,2,0)(2,2,0)	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2\cdot\alpha_2+\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(3,2,0) - (2,2,1)(3,3,2)(4,3,0)(4,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}^2 \cdot \alpha_2 + \psi_{\alpha_3}(\alpha_{\omega}^2 \cdot \alpha_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(3,2,0) - (2,2,1)(3,3,2)(4,3,0)(4,2,0)(3,3,2)	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2\cdot\alpha_2+\alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	
-(3,2,0)(2,2,1)(3,3,2)(4,3,0)-	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2\cdot\alpha_2+\alpha_{\omega}\cdot\alpha_2))$
-(4,2,0)(3,3,2)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	
-(3,2,0)(2,2,1)(3,3,2)(4,3,0)-	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2\cdot\alpha_2+\alpha_{\omega}\cdot\alpha_3))$
-(4,2,0)(3,3,2)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	1/1/2/2/11/11
-(3,2,0)(2,2,1)(3,3,2)(4,3,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}^{2}\cdot(\alpha_{2}+1)))$
-(4,2,0)(3,3,2)(4,3,0)(3,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)	
-(3,2,0)(2,2,1)(3,3,2)(4,3,0)-	$\psi(\psi_{\alpha}({\alpha_{\omega}}^2\cdot\alpha_2\cdot2))$
-(4,2,0)(3,3,2)(4,3,0)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(3,2,0)	$\psi(\psi_{lpha}({lpha_{\omega}}^2\cdotarepsilon_{lpha_2+1}))$
-(2,2,1)(3,3,2)(4,3,0)(4,2,0)(5,3,0)	-21-//
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega}}^2\cdotlpha_3))$
-(2,2,1)(3,3,2)(4,3,0)(4,3,0)	7 (7 = 0 = 0,7)
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}({lpha_{\omega}}^3))$
-(3,2,0)(3,2,0)(2,2,2)	1 (10(0 //
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega}}^3+{lpha_{\omega}}))$
-(3,2,0)(2,2,2)(2,2,2)	, (, a(-w · -w))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}({\alpha_{\omega}}^3+{\alpha_{\omega}}^2))$
-(3,2,0)(2,2,2)(3,2,0)(2,2,2)	r (r \alpha (\cdot \alpha \cdot \alpha \cdot))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi({\psi_{lpha}({lpha_{\omega}}^4)})$
-(3,2,0)(3,2,0)(2,2,2)	Ψ (Ψα(Φω))
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}{}^{\alpha}))$
-(4,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega}{}^{\alpha}+\alpha_{\omega}))$
-(4,1,0)(2,2,2)	

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(0,0,0)(1,1,1)(2,2,2)(3,2,0)- -(4,1,0)(2,2,2)(3,2,0)(4,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega}{}^{\alpha}\cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega}{}^{\Omega_{\alpha+1}} + \psi_{\alpha_2}(\alpha_{\omega}{}^{\Omega_{\alpha+1}} + 1)))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,2,0) \right $	$\psi(\psi_{\alpha}(\alpha_{\omega}{}^{\alpha_{2}}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)- $-(4,2,0)(2,2,1)(3,3,2)(4,3,0)-$ $-(5,2,0)(4,3,0)(3,3,2)$	$\psi(\psi_{\alpha}(\alpha_{\omega}{}^{(}\alpha_{2}+1)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,0) - \\ -(4,2,0)(2,2,1)(3,3,2)(4,3,0) - \\ -(5,2,0)(4,3,0)(5,2,0) \end{array} $	$\psi(\psi_{lpha}({lpha_{\omega}}^{(}lpha_{2}\cdot2)))$
$ \begin{array}{c c} \hline (0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,2,0) - \\ -(2,2,1)(3,3,2)(4,3,0)(5,3,0) \\ \hline \end{array} $	$\psi(\psi_{lpha}({lpha_{\omega}}^{lpha_3}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,2,0)(2,2,2)	$\psi(\psi_{lpha}({lpha_{\omega}}^{lpha_{\omega}}))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,0)(4,3,0) \right $	$\psi(\psi_{\alpha}(\varepsilon_{\alpha_{\omega}+1})) = \psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)- $-(4,3,0)(4,3,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1})\cdot 2)$
(0,0,0)(1,1,1)(2,2,2)(3,2,0)- $-(4,3,1)(5,4,2)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}+\psi_{\alpha_{2}}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}+\psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,1,0)(3,2,1)(4,3,2)(5,3,1)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1} + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1} + 1) \cdot 2))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,1,1) \right $	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}+\psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1}+2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,1,1)(3,1,1)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1} + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1} + \Omega_{\alpha+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,1,1)(3,2,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1} + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1} + \psi_{\alpha_{2}}(\alpha_{2}))))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,0) \right $	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}+\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1} + \Omega_{\alpha_{2}+1} + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1} + \Omega_{\alpha_{2}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,1)(3,3,2)(4,3,0)(3,3,2)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}+\psi_{\alpha_{3}}(\alpha_{\omega}^{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1} + \psi_{\alpha_{3}}(\Omega_{\alpha_{\omega}+1}) +$
-(2,2,1)(3,3,2)(4,3,1)	$\psi_{\alpha_2}(\Omega_{\alpha_\omega+1}+\psi_{\alpha_3}(\Omega_{\alpha_\omega+1})+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(2,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}+\alpha_{\omega}))$

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(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(2,2,2)(3,2,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1} + \alpha_{\omega} \cdot \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (2,2,2)(3,2,0)(2,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}+{\alpha_{\omega}}^2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}+\varepsilon_{\alpha_{\omega}+1}))$
$ \begin{array}{c c} -(2,2,2)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,1) \\ -(2,2,2)(3,2,1) \end{array} $	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot 2 + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1}\cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (3,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,1,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1} \cdot \Omega_{\alpha+1} + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1} \cdot \Omega_{\alpha+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,1,1)(2,2,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\Omega_{\alpha+1}+\alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(3,1,1)(2,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\Omega_{\alpha+1}+\alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (3,1,1)(2,2,2)(3,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1} \cdot (\Omega_{\alpha+1}+1) + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1} \cdot (\Omega_{\alpha+1}+1) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,1,1)(3,0,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\Omega_{\alpha+1}\cdot\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(3,1,1)(3,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\Omega_{\alpha+1}\cdot\alpha))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(3,1,1)(3,1,1)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot(\Omega_{\alpha+1}^{2})+$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(3,1,1)(4,1,0)(2,0,0)$	$\psi_{\alpha_2}(\Omega_{\alpha_{\omega}+1} \cdot (\Omega_{\alpha+1}^2) + 1)))$ $\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1} \cdot (\Omega_{\alpha+1}^{\alpha})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(3,1,1)(4,2,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\psi_{\alpha_{2}}(\alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0) - (2,2,1)(3,3,2)(4,3,1)(4,2,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{2}+\psi_{\alpha_{3}}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0) - (2,2,1)(3,3,2)(4,3,1)(4,2,0)(3,3,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{2}+\alpha_{3}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0) - (2,2,1)(3,3,2)(4,3,1)(4,2,0)(3,3,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{2}+\alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0)- $-(2,2,1)(3,3,2)(4,3,1)(4,2,0)-$ $-(3,3,2)(4,3,0)(3,3,2)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{2}+{\alpha_{\omega}}^{2}))$

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(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{2}+\varepsilon_{\alpha_{\omega}+1}))$
-(2,2,1)(3,3,2)(4,3,1)(4,2,0)-	
-(3,3,2)(4,3,0)(5,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\alpha}+1}\cdot(\alpha_{2}+1)+$
-(3,2,0)(2,2,1)(3,3,2)(4,3,1)-	,
-(4,2,0)(3,3,2)(4,3,1)	$\psi_{\alpha_2}(\Omega_{\alpha_\omega+1}\cdot(\alpha_2+1)+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{2}\cdot2))$
-(3,2,0)(2,2,1)(3,3,2)(4,3,1)-	
-(4,2,0)(3,3,2)(4,3,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{3}))$
-(2,2,1)(3,3,2)(4,3,1)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{\omega}))$
-(3,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{\omega}+\alpha_{\omega}))$
-(3,2,0)(2,2,2)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{\omega}+{\alpha_{\omega}}^2))$
-(3,2,0)(2,2,2)(3,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot(\alpha_{\omega}+1)+$
-(3,2,0)(2,2,2)(3,2,1)	$\psi_{\alpha_2}(\Omega_{\alpha_\omega+1}\cdot(\alpha_\omega+1)+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot(\alpha_{\omega}+\alpha_{2})))$
-(3,2,0)(2,2,2)(3,2,1)(3,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,0)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{\omega}\cdot2))$
-(2,2,2)(3,2,1)(3,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\alpha_{\omega}\cdot\alpha_{2}))$
-(3,2,1)(3,2,0)(3,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot{\alpha_{\omega}}^2))$
-(3,2,0)(3,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}\cdot\varepsilon_{\alpha_{\omega}+1}))$
-(3,2,1)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(3,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}^2 + \psi_{\alpha_2}(\Omega_{\alpha_{\omega}+1}^2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}^{2} + \Omega_{\alpha_{\omega}+1} +$
-(3,2,1)(2,2,2)(3,2,1)	$\psi_{\alpha_2}(\Omega_{\alpha_{\omega}+1}^2 + \Omega_{\alpha_{\omega}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\Omega_{lpha_{\omega}+1}^2\cdot \alpha_2))$
-(3,2,1)(3,2,1)(3,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}{}^2\cdot\alpha_3))$
-(3,2,1)(3,2,0)(2,2,1)(3,3,2)-	
-(4,3,1)(4,3,1)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}{}^2\cdot\alpha_{\omega}))$
-(3,2,1)(3,2,0)(2,2,2)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(3,2,1)(3,2,1)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}^{3} + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1}^{3} + 1)))$
(0,0,0)(1,1,1)(2,2,2) - (3,2,1)(4,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}{}^{\alpha}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,1,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}{}^{\Omega_{\alpha+1}}+\psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1}{}^{\Omega_{\alpha+1}}+1)))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(4,1,1)(5,2,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}{}^{\psi_{\alpha_{2}}(\alpha_{2})}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,2,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}{}^{\alpha_2}))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(4,2,0)(2,2,2)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}{}^{\alpha_{\omega}}))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(4,2,0)(5,3,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}^{\epsilon_{\alpha_{\omega}+1}}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+1}{}^{\Omega_{\alpha_{\omega}+1}}+\psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+1}{}^{\Omega_{\alpha_{\omega}+1}}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,0)	$\psi(\psi_{\alpha}(\varepsilon_{\Omega_{\alpha_{\omega}+1}+1}))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(4,3,0)(4,3,0)$	$\psi(\psi_{lpha}(arepsilon_{\Omega_{lpha\omega+1}+2}))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(4,3,0)(5,4,1)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2} + \Omega_{\alpha+1} \cdot \omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,0)(5,4,1)(6,5,2)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}+\psi_{\alpha_{2}}(\alpha_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2} + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+2} + 1)))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,2,1)(4,3,1)(2,2,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}+\alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2) - (3,2,1)(4,3,1)(2,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}+\alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2} + \Omega_{\alpha_{\omega}+1} +$
-(4,3,1)(2,2,2)(3,2,1)	$\psi_{\alpha_2}(\Omega_{\alpha_\omega+2}+\Omega_{\alpha_\omega+1}+1)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,1) - \\ -(4,3,1)(2,2,2)(3,2,1)(4,3,0) \end{array} $	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}+\varepsilon_{\Omega_{\alpha_{\omega}+1}+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,1)(2,2,2)(3,2,1)(4,3,1)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}\cdot 2 + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+2}\cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,1)(3,1,0)(2,0,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}\cdot\alpha))$
(0,0,0)(1,1,1)(2,2,2)-(3,2,1)(4,3,1)(3,2,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}\cdot\alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(4,3,1)(3,2,0)(2,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}\cdot\alpha_{\omega}))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}\cdot\Omega_{\alpha_{\omega}+1}+$
-(3,2,1)(4,3,1)(3,2,1)	$\psi_{\alpha_2}(\Omega_{\alpha_\omega+2}\cdot\Omega_{\alpha_\omega+1}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	1/(1/ (O 2 + 1/ (O 2 + 1)))
-(4,3,1)(3,2,1)(4,3,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}^2 + \psi_{\alpha_2}(\Omega_{\alpha_{\omega}+2}^2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{lpha}(\Omega_{lpha_{lpha}+2}{}^{lpha_{\omega}}))$
-(4,3,1)(4,2,0)(2,2,2)	$\psi(\psi_{\alpha}(^{2}\iota_{\alpha_{\omega}+2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}+2}{}^{\Omega_{\alpha_{\omega}+2}}+\psi_{\alpha_{2}}(\Omega_{\alpha_{\omega}+2}{}^{\Omega_{\alpha_{\omega}+2}}+1)))$
-(4,3,1)(4,2,1)(5,3,1)	$\varphi (\varphi \alpha (\square \alpha_{\omega} + 2 \qquad \square \varphi \alpha_2 (\square \alpha_{\omega} + 2 \qquad \square 1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(arepsilon_{\Omega_{lpha,+2}+1}))$
-(3,2,1)(4,3,1)(4,3,0)	$\varphi \left(\forall \alpha \left(\Im \alpha_{\omega} + 2 \mp 1 \right) \right)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\alpha}+3}+\psi_{\alpha_{2}}(\Omega_{\alpha_{\alpha}+3}+1)))$
-(3,2,1)(4,3,1)(4,3,1)	, (γα(αωτο : γα ₂ (αωτο : γγγ
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(\Omega_{lpha_lpha+\omega}))$
-(3,2,1)(4,3,1)(5,0,0)	, (,(-ω ,, /
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\Omega_{lpha_{\omega}+lpha_{2}}))$
-(3,2,1)(4,3,1)(5,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega}\cdot 2}))$
-(4,3,1)(5,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)-(3,2,1)(4,3,1)(5,2,1)	$\psi(\psi_{\alpha}(\Omega_{\Omega_{\alpha_{\omega}+1}} + \psi_{\alpha_{2}}(\Omega_{\Omega_{\alpha_{\omega}+1}} + 1)))$
	$\psi(\psi_{\alpha}(\text{OFP}(\alpha_{\omega}+1)))$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,2,1)(4,3,1)(5,3,0)	$= \psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1} \cdot \alpha_{\omega+1}))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}^{2} + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega+1}+1}^{2} + 1)))$
-(3,2,1)(4,3,1)(5,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-(4,3,1)(5,3,1)(2,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}{}^2+\alpha_{\omega}))$
	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\alpha}+1})^{2} + \Omega_{\alpha_{\alpha}+1} + \Omega_{\alpha_{\alpha}+1})$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	
-(4,3,1)(5,3,1)(2,2,2)(3,2,1)	$\psi_{\alpha_2}(\Omega_{\alpha_{\omega+1}+1}^2 + \Omega_{\alpha_{\omega}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}^{2} + \psi_{\alpha_{\omega+1}}(\Omega_{\alpha_{\omega+1}+1} \cdot \omega)))$
-(5,3,1)(2,2,2)(3,2,1)(4,3,1)(5,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)- $-(4,3,1)(5,3,1)(3,0,0)$	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}^{2} + \psi_{\alpha_{\omega+1}}(\Omega_{\alpha_{\omega+1}+1}^{2} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,1)(5,3,1)(3,2,0)(2,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}^2 + \psi_{\alpha_{\omega+1}}(\Omega_{\alpha_{\omega+1}+1}^2 + \alpha_{\omega})))$
-(4,0,1)(0,0,1)(0,2,0)(2,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}^{2} + \psi_{\alpha_{\omega+1}}(\Omega_{\alpha_{\omega+1}+1}^{2} +$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,1)-	
-(5,3,1)(3,2,1)(4,3,1)(5,3,1)	$\psi_{\alpha_{\omega+1}}(\Omega_{\alpha_{\omega+1}+1}^{2})) + \psi_{\alpha_{2}}(\Omega_{\alpha_{\omega+1}+1}^{2} + $
(0.0.0)(1.1.1)(2.2.0)(2.2.1)	$\psi_{\alpha_{\omega+1}}(\Omega_{\alpha_{\omega+1}+1}^2 + \psi_{\alpha_{\omega+1}}(\Omega_{\alpha_{\omega+1}+1}^2))) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}{}^2+\alpha_{\omega+1}))$
-(4,3,1)(5,3,1)(4,3,0)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1})^2 + \Omega_{\alpha_{\omega+1}+1} +$
-(4,3,1)(5,3,1)(4,3,1)	$\psi_{\alpha_2}(\Omega_{\alpha_{\omega+1}+1}^2 + \Omega_{\alpha_{\omega+1}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,1)(5,3,1)(4,3,1)(5,3,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}^2 \cdot 2 + \psi_{\alpha_2}(\Omega_{\alpha_{\omega+1}+1}^2 \cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}^2 \cdot \alpha_{\omega+1}))$
-(4,3,1)(5,3,1)(5,3,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1} \cdot \alpha_{\omega+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{lpha}(\Omega_{lpha_{lpha,+1}+1}{}^{\omega}))$
-(4,3,1)(5,3,1)(6,0,0)	$\psi(\psi_{\alpha}(\mathfrak{s}^{2}\alpha_{\omega+1}+1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{lpha}(\Omega_{lpha_{\omega+1}+1}{}^{lpha_{\omega}}))$
-(4,3,1)(5,3,1)(6,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega+1}+1}{}^{\Omega_{\alpha_{\omega+1}+1}}+$
-(4,3,1)(5,3,1)(6,3,1)	$\psi_{\alpha_2}(\Omega_{\alpha_{\omega+1}+1}{}^{\Omega_{\alpha_{\omega+1}+1}}+1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega+2}))$
-(3,2,1)(4,3,1)(5,4,0)	$\psi(\psi_{\alpha}(\alpha_{\omega+2}))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\alpha+2}+1}+\psi_{\alpha_2}(\Omega_{\alpha_{\alpha+2}+1}+1)))$
-(3,2,1)(4,3,1)(5,4,1)	$\psi(\psi\alpha(\Im^{2}\alpha_{\omega+2}+1 + \psi\alpha_{2}(\Im^{2}\alpha_{\omega+2}+1 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega \cdot 2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega\cdot 2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega\cdot 2})))$
-(4,3,2)(2,2,2)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega\cdot 2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega\cdot 2})))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(lpha_{\omega\cdot 2}+lpha_{\omega+1}))$
-(3,2,1)(4,3,2)(4,3,0)	$\varphi(\varphi\alpha(\alpha\omega\cdot 2+\alpha\omega+1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{lpha}(lpha_{\omega\cdot 2}\cdot 2))$
-(4,3,2)(4,3,2)	7 (74(*****2 -))
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{lpha}(lpha_{\omega\cdot2}\cdotlpha_2))$
-(4,3,2)(5,2,0)	/ (ra(& 2 2))
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_lpha(lpha_{\omega\cdot2}\cdotlpha_\omega))$
-(4,3,2)(5,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)	$\psi(\psi_{lpha}(lpha_{\omega\cdot2}\cdot(lpha_{\omega}+1)))$
-(4,3,2)(5,2,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega \cdot 2} \cdot \Omega_{\alpha_{\omega}+1} + \psi_{\alpha_{2}}(\alpha_{\omega \cdot 2} \cdot \Omega_{\alpha_{\omega}+1} + 1)))$
-(3,2,1)(4,3,2)(5,2,1)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega \cdot 2} \cdot \alpha_{\omega + 1}))$
-(3,2,1)(4,3,2)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}({\alpha_{\omega}2}^2))$
-(4,3,2)(5,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}({\alpha_{\omega \cdot 2}}^{\omega}))$
-(4,3,2)(5,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	$\psi(\psi_{lpha}(arepsilon_{lpha_{\omega\cdot 2}+1}))$
-(4,3,2)(5,3,0)(6,4,0)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega\cdot 2}+1} + \psi_{\alpha_2}(\Omega_{\alpha_{\omega\cdot 2}+1} + 1)))$
-(3,2,1)(4,3,2)(5,3,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,1) - (4,3,2)(5,3,1)(4,3,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega\cdot 2}+1}+\alpha_{\omega\cdot 2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,2)(5,3,1)(4,3,2)(5,3,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega\cdot 2}+1}\cdot 2+\psi_{\alpha_{2}}(\Omega_{\alpha_{\omega\cdot 2}+1}\cdot 2+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,2)(5,3,1)(6,4,0)	$\psi(\psi_{lpha}(lpha_{\omega\cdot 2+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,2)(5,3,1)(6,4,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega\cdot 2+1}+1} + \psi_{\alpha_2}(\Omega_{\alpha_{\omega\cdot 2+1}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,2)(5,3,1)(6,4,1)(7,5,0)	$\psi(\psi_{lpha}(lpha_{\omega\cdot 2+2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,1)-	
-(4,3,2)(5,3,1)(6,4,2)	$\psi(\psi_{lpha}(lpha_{\omega\cdot 3}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_lpha(lpha_{\omega^2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_2}(\alpha_{\omega^2} + 1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_2}(\alpha_{\omega^2} + \psi_{\alpha_2}(\alpha_{\omega^2}))))$
-(3,2,2)(2,1,1)(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_2}(\alpha_{\omega^2} + \psi_{\alpha_2}(\alpha_{\omega^2}))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,0)	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+\psi_{lpha_3}(lpha_{\omega^2})))$
-(2,2,1)(3,3,2)(4,3,2)	$\psi(\psi_{lpha}(lpha_{\omega^2}+\psi_{lpha_3}(lpha_{\omega^2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_3))$
-(2,2,1)(3,3,2)(4,3,2)(3,3,0)	φ (ψα(ωω- 1 ω3))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)	$\psi(\psi_lpha(lpha_{\omega^2}+lpha_\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_{\omega^2}+lpha_\omega\cdotlpha))$
-(2,2,2)(3,1,0)(2,0,0)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2}+\alpha\omega-\alpha))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_{\omega}^2))$
-(2,2,2)(3,2,0)(2,2,2)	7 (7 a (2 w) - 2 w))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\alpha}+1} + \Omega_{\alpha+1} \cdot \omega))$
-(2,2,2)(3,2,0)(4,3,1)	, (, α (ω · αω 1 · -αΤ1//
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+\Omega_{lpha_{\omega}+1}+\psi_{lpha_2}(lpha_{\omega^2})))$
-(2,2,2)(3,2,0)(4,3,1)(5,4,2)(6,4,2)	, (, a., a., a., a., a., a., a., a., a., a.
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + \psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + 1)))$
-(3,2,2)(2,2,2)(3,2,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + \psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + 2)))$
-(2,2,2)(3,2,1)(2,1,1)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} +$
-(2,2,2)(3,2,1)(2,1,1)(3,2,2)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_\omega + 1} + \psi_{\alpha_2}(\alpha_\omega))))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + \Omega_{\alpha_2+1} +$
-(2,2,2)(3,2,1)(2,2,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + \Omega_{\alpha_2+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(2,2,1)(3,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + \psi_{\alpha_3}(\alpha_3)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + \psi_{\alpha_3}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1}) +$
-(2,2,2)(3,2,1)(2,2,1)(3,3,2)-	
-(4,3,2)(3,3,2)(4,3,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + \psi_{\alpha_3}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(2,2,1)(3,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} + \alpha_3))$
-(4,3,2)(3,3,2)(4,3,1)(3,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+\Omega_{lpha_{\omega}+1}+lpha_{\omega}))$
-(2,2,2)(3,2,1)(2,2,2)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2}+32\alpha_{\omega}+1+\alpha\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+\Omega_{lpha_{\omega}+1}+lpha_{\omega}\cdotlpha_2))$
-(2,2,2)(3,2,1)(2,2,2)(3,2,0)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2}+32\alpha_{\omega}+1+\alpha\omega-\alpha^{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot 2 +$
-(2,2,2)(3,2,1)(2,2,2)(3,2,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_\omega + 1} \cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot 2 + \alpha_2))$
-(3,2,1)(2,2,2)(3,2,1)(2,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + 2 \alpha_{\omega+1} \cdot 2 + \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+\Omega_{lpha_{\omega}+1}\cdot 2+lpha_{\omega}))$
-(3,2,1)(2,2,2)(3,2,1)(2,2,2)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2}+\alpha\omega_{\omega}+1-2+\alpha\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_{\omega^2}+\Omega_{lpha_{lpha,+1}}\cdot\omega))$
-(2,2,2)(3,2,1)(3,0,0)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2}+\beta\beta\alpha\omega+1-\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_{\omega^2}+\Omega_{lpha_{\omega}+1}\cdotlpha))$
-(2,2,2)(3,2,1)(3,1,0)(2,0,0)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2}+35\alpha_{\omega}+1-\alpha))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot \Omega_{\alpha+1} +$
-(2,2,2)(3,2,1)(3,1,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_\omega + 1} \cdot \Omega_{\alpha + 1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot \psi_{\alpha_2}(\alpha_2)))$
-(2,2,2)(3,2,1)(3,1,1)(4,2,0)	$\psi(\psi\alpha(\alpha\omega^2 \mp 32\alpha_\omega + 1 \cdot \psi\alpha_2(\alpha_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot \alpha_2))$
-(2,2,2)(3,2,1)(3,2,0)	$\psi(\psi_{\alpha}(\alpha\omega^{2}+3\iota_{\alpha\omega}+1\cdot\alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	
-(3,2,1)(3,2,0)(2,2,1)(3,3,2)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot \alpha_2 + \alpha_3))$
-(3,3,2)(4,3,1)(4,2,0)(3,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	
-(3,2,1)(3,2,0)(2,2,1)(3,3,2)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot \alpha_2 + \alpha_{\omega}))$
-(3,3,2)(4,3,1)(4,2,0)(3,3,2)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot (\alpha_2 + 1) +$
-(3,2,1)(3,2,0)(2,2,1)(3,3,2)(4,3,2)	
-(3,3,2)(4,3,1)(4,2,0)(3,3,2)(4,3,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot (\alpha_2 + 1) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	
-(3,2,1)(3,2,0)(2,2,1)(3,3,2)(4,3,2)	
-(3,3,2)(4,3,1)(4,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot \alpha_2 \cdot 2))$
-(3,3,2)(4,3,1)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	
-(3,2,1)(3,2,0)(2,2,1)(3,3,2)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot {\alpha_2}^2))$
-(3,3,2)(4,3,1)(4,2,0)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	
-(3,2,1)(3,2,0)(2,2,1)(3,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot \alpha_3))$
-(4,3,2)(3,3,2)(4,3,1)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot \alpha_{\omega}))$
-(2,2,2)(3,2,1)(3,2,0)(2,2,2)	$\psi(\psi_{\alpha}(lpha_{\omega^2}+\imath \imath_{lpha_{\omega}+1}\cdotlpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot (\alpha_{\omega} + 1) +$
-(3,2,1)(3,2,0)(2,2,2)(3,2,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot (\alpha_{\omega}+1) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(3,2,0)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1} \cdot \alpha_{\omega} \cdot 2))$
-(3,2,1)(3,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2) -	$\psi(\psi_{lpha}(lpha_{\omega^2}+\Omega_{lpha_{\omega}+1}\cdotlpha_{\omega}^2))$
-(3,2,1)(3,2,0)(3,2,0)(2,2,2)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2}+32\alpha_{\omega}+1-\alpha\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+\Omega_{lpha_{lpha}+1}\cdotarepsilon_{lpha_{lpha}+1}))$
-(2,2,2)(3,2,1)(3,2,0)(4,3,0)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2}+\alpha\omega\alpha_{\omega}+1-\alpha\omega+1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1}{}^2 +$
-(2,2,2)(3,2,1)(3,2,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_\omega + 1}^2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1}{}^{\alpha_{\omega}}))$
-(2,2,2)(3,2,1)(4,2,0)(2,2,2)	, (, = (= = = , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega}+1}{}^{\Omega_{\alpha_{\omega}+1}} +$
-(2,2,2)(3,2,1)(4,2,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_\omega + 1}{}^{\Omega_{\alpha_\omega + 1}} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega+1})))$
-(2,2,2)(3,2,1)(4,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega+1} \cdot 2)))$
-(2,2,2)(3,2,1)(4,3,0)(4,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega+1} \cdot 2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\Omega_{\alpha_{\omega+1}+1}) +$
-(2,2,2)(3,2,1)(4,3,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\Omega_{\alpha_{\omega+1}+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega \cdot 2})))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega^2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(3,0,0)	$\psi(\psi_{lpha}(lpha_{\omega^2}+\psi_{lpha_{\omega+1}}(lpha_{\omega^2}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega^2})))))$
-(3,2,1)(4,3,2)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}+\alpha_{\omega+1}))$
-(3,2,1)(4,3,2)(5,3,2)(4,3,0)	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_{\omega+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega+1}+1} + \Omega_{\alpha+1} \cdot \omega))$
-(3,2,1)(4,3,2)(5,3,2)(4,3,0)(5,4,1)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \mathfrak{U}_{\alpha_{\omega+1}+1} + \mathfrak{U}_{\alpha+1} \cdot \omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega+1}+1} +$
-(3,2,1)(4,3,2)(5,3,2)(4,3,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega+1}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	·
-(3,2,1)(4,3,2)(5,3,2)(4,3,1)(4,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega+1}+1} + \alpha_{\omega+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	
-(3,2,1)(4,3,2)(5,3,2)(4,3,1)(5,0,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega+1}+1} \cdot \omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	
-(3,2,1)(4,3,2)(5,3,2)(4,3,1)(5,4,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega+2}}(\alpha_{\omega+2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+\psi_{lpha_{\omega+2}}(lpha_{\omega^2})))$
-(4,3,1)(5,4,2)(6,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(4,3,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \alpha_{\omega+2}))$
-(5,4,2)(6,4,2)(5,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_{\omega\cdot 2}))$
-(3,2,1)(4,3,2)(5,3,2)(4,3,2)	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_{\omega\cdot 2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_{\omega\cdot2}+lpha_{\omega+1}))$
-(3,2,1)(4,3,2)(5,3,2)(4,3,2)(4,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \alpha_{\omega \cdot 2} + \alpha_{\omega+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_{\omega\cdot 2}\cdot 2))$
-(3,2,1)(4,3,2)(5,3,2)(4,3,2)(4,3,2)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2}+\alpha\omega\cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2) -	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_{\omega\cdot 2}\cdotlpha_2))$
-(3,2,1)(4,3,2)(5,3,2)(4,3,2)(5,2,0)	$\varphi (\varphi \alpha (\alpha \omega^2 + \alpha \omega \cdot 2 - \alpha 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \alpha_{\omega \cdot 2} \cdot \alpha_{\omega}))$
-(4,3,2)(5,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2) -	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \alpha_{\omega \cdot 2} \cdot \alpha_{\omega + 1}))$
-(3,2,1)(4,3,2)(5,3,2)(4,3,2)(5,3,0)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	
-(3,2,1)(4,3,2)(5,3,2)(4,3,2)(5,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \alpha_{\omega \cdot 2} \cdot \alpha_{\omega + 2}))$
-(4,3,1)(5,4,2)(6,4,2)(5,4,2)(6,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{\alpha}({\alpha_{\omega^2}+\alpha_{\omega\cdot 2}}^2))$
-(4,3,2)(5,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+arepsilon_{lpha_{\omega\cdot 2}+1}))$
-(4,3,2)(5,3,0)(6,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega \cdot 2} + 1} +$
-(3,2,1)(4,3,2)(5,3,2)(4,3,2)(5,3,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega \cdot 2} + 1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+\Omega_{lpha_{\omega\cdot 2}+1}+lpha_{\omega\cdot 2}))$
-(4,3,2)(5,3,1)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \Omega_{\alpha_{\omega \cdot 2} + 1} \cdot \omega))$
-(4,3,2)(5,3,1)(5,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega \cdot 2+1}}(\alpha_{\omega \cdot 2+1})))$
-(4,3,2)(5,3,1)(6,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \psi_{\alpha_{\omega \cdot 2+1}}(\alpha_{\omega^2})))$
-(4,3,2)(5,3,1)(6,4,2)(7,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \alpha_{\omega \cdot 2 + 1}))$
-(4,3,2)(5,3,1)(6,4,2)(7,4,2)(6,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}+lpha_{\omega\cdot 3}))$
-(4,3,2)(5,3,1)(6,4,2)(7,4,2)(6,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdot 2))$
-(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2}, 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot 2 + \psi_{\alpha\alpha}(\alpha_{\omega^2}\cdot 2 + 1)))$
-(2,2,2)(3,2,2)(2,1,1)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2} + 2 + \varphi_{\alpha_{2}}(\alpha\omega^{2} + 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdot 2+lpha_2))$
-(2,2,2)(3,2,2)(2,2,0)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2} - 2 + \alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_{\omega^2}\cdot 2+lpha_\omega))$
-(2,2,2)(3,2,2)(2,2,2)	$\varphi(\varphi\alpha(\alpha\omega^2 - 2 + \alpha\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(2,2,2) -	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot 2 + \psi_{\alpha_{\omega+1}}(\alpha_{\omega+1})))$
-(3,2,2)(2,2,2)(3,2,1)(4,3,0)	$\gamma (\gamma \alpha (\omega \omega^2 - \omega + \gamma \alpha_{\omega+1} (\omega \omega + 1)))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,2)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2} \cdot 2 + \psi_{\alpha_{\omega+1}}(\alpha_{\omega^2} \cdot 2)))$
-(4,3,2)(5,3,2)(4,3,2)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,2)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot 2 + \alpha_{\omega+1}))$
-(4,3,2)(5,3,2)(4,3,2)(5,3,2)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,2)(2,2,2)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot 2 + \alpha_{\omega\cdot 2}))$
-(5,3,2)(4,3,2)(5,3,2)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(2,2,2)(3,2,2)(2,2,2)(3,2,2)	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdot 3))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,0,0)	$\psi(\psi_lpha(lpha_{\omega^2}\cdot\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_{\omega^2}\cdotlpha))$
-(3,1,0)(2,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,1,1)	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\Omega_{\alpha+1}+\psi_{\alpha_2}(\alpha_{\omega^2}\cdot\Omega_{\alpha+1}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdotlpha_2+lpha_2))$
-(3,2,0)(2,2,0)	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdotlpha_2+lpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdotlpha_2+\psi_{lpha_3}(lpha_{\omega^2}\cdotlpha_2)))$
-(3,2,0)(2,2,1)(3,3,2)(4,3,2)(4,2,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \alpha_2 + \psi_{\alpha_3}(\alpha_{\omega^2} + \alpha_2)))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0) - \right $	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdotlpha_2+lpha_3))$
-(2,2,1)(3,3,2)(4,3,2)(4,2,0)(3,3,0)	$\varphi (\varphi_{\alpha}(\alpha_{\omega^2} - \alpha_2 + \alpha_3))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0) - \right $	$\psi(\psi_lpha(lpha_{\omega^2}\cdotlpha_2+lpha_\omega))$
-(2,2,1)(3,3,2)(4,3,2)(4,2,0)(3,3,2)	$\varphi (\varphi_{\alpha}(\alpha_{\omega} - \alpha_2 + \alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,1)(3,3,2)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot(\alpha_2+1)))$
-(4,2,0)(3,3,2)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,1)(3,3,2)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\alpha_2\cdot2))$
-(4,2,0)(3,3,2)(4,3,2)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\Omega_{\alpha_2+1}+\psi_{\alpha_2}(\alpha_{\omega^2}\cdot\Omega_{\alpha_2+1}+1)))$
-(2,2,1)(3,3,2)(4,3,2)(4,2,1)	$\varphi (\varphi \alpha (\alpha \omega^2 - \omega^2 \alpha_2 + 1 + \varphi \alpha_2 (\alpha \omega^2 - \omega^2 \alpha_2 + 1 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\psi_lpha(lpha_{\omega^2}\cdotlpha_3))$
-(2,2,1)(3,3,2)(4,3,2)(4,3,0)	$\psi(\psi_{\alpha}(\alpha\omega_{2}-\alpha_{3}))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdotlpha_{\omega}))$
-(3,2,2)(3,2,0)(2,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdotlpha_{\omega}+lpha_{\omega}))$
-(3,2,0)(2,2,2)(2,2,2)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\alpha_{\omega}+\Omega_{\alpha_{\omega}+1}+$
-(3,2,0)(2,2,2)(3,2,1)	$\psi_{\alpha_2}(\alpha_{\omega^2} \cdot \alpha_{\omega} + \Omega_{\alpha_{\omega}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)(5,3,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} \cdot \alpha_{\omega} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega^2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\alpha_{\omega}+\psi_{\alpha_{\omega+1}}(\alpha_{\omega^2}\cdot\alpha_{\omega})))$
-(5,3,2)(5,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\alpha_{\omega}+\alpha_{\omega+1}))$
-(5,3,2)(5,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdotlpha_{\omega}+lpha_{\omega\cdot 2}))$
-(5,3,2)(5,2,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdot(lpha_{\omega}+1)))$
-(5,3,2)(5,2,0)(4,3,2)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\alpha_{\omega}\cdot2))$
-(5,2,0)(4,3,2)(5,3,2)(5,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\varepsilon_{\alpha_{\omega}+1}))$
-(5,3,2)(5,2,0)(6,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\Omega_{\alpha_{\omega}+1}+\psi_{\alpha_2}(\alpha_{\omega^2}\cdot\Omega_{\alpha_{\omega}+1}+1)))$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(5,2,1)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} \cdot \mathfrak{U}_{\alpha_{\omega}+1} + \psi_{\alpha_2}(\alpha_{\omega^2} \cdot \mathfrak{U}_{\alpha_{\omega}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdot\psi_{lpha_{\omega+1}}(lpha_{\omega^2})))$
-(5,3,2)(5,2,1)(6,3,2)(7,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\alpha_{\omega+1}))$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(5,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2}\cdot\alpha_{\omega+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}\cdotlpha_{\omega\cdot 2}))$
-(5,3,2)(5,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}({lpha_{\omega^2}}^2))$
-(3,2,0)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\alpha\omega^{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega^2}}^2+{lpha_{\omega^2}}))$
-(2,2,2)(3,2,2)(2,2,2)(3,2,2)	$\Psi(\Psi\alpha(\alpha\omega^2 + \alpha\omega^2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\psi_{\alpha}({\alpha_{\omega^2}}^2+{\alpha_{\omega^2}}\cdot{lpha_2}))$
-(2,2,2)(3,2,2)(3,2,0)	$\varphi(\varphi_{\alpha}(\alpha\omega^{2} + \alpha\omega^{2} + \alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	$\psi(\psi_{lpha}({lpha_{\omega^2}}^2+{lpha_{\omega^2}}\cdot{lpha_{\omega}}))$
-(2,2,2)(3,2,2)(3,2,0)(2,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} + \alpha_{\omega^2}, \alpha_{\omega}))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	
-(2,2,2)(3,2,2)(3,2,0)(2,2,2)(3,2,1)-	
-(4,3,2)(5,3,2)(5,3,0)-	$\psi(\psi_{\alpha}({\alpha_{\omega^2}}^2+\alpha_{\omega^2}\cdot\alpha_{\omega+1}))$
-(4,3,2)(5,3,2)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	
-(2,2,2)(3,2,2)(3,2,0)(2,2,2)(3,2,1)	1/1/(2)
-(4,3,2)(5,3,2)(5,3,0)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}{}^2 + \alpha_{\omega^2} \cdot \alpha_{\omega \cdot 2}))$
-(5,3,2)(5,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	1(1 (2 0))
-(2,2,2)(3,2,2)(3,2,0)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}({\alpha_{\omega^2}}^2\cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	((
-(3,2,0)(3,1,0)(2,0,0)	$\psi(\psi_{\alpha}({\alpha_{\omega^2}}^2\cdot\alpha))$
(0,0,0)(1,1,1)(2,2,2)-	1/1/(2)
-(3,2,2)(3,2,0)(3,2,0)	$\psi(\psi_{\alpha}({\alpha_{\omega^2}}^2\cdot\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	17.7 (3))
-(3,2,0)(3,2,0)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}({\alpha_{\omega^2}}^3))$
(0,0,0)(1,1,1)(2,2,2)-	((ω))
-(3,2,2)(3,2,0)(4,0,0)	$\psi(\psi_{lpha}({lpha_{\omega^2}}^\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	al.(al. (a \alpha 2))
-(3,2,0)(4,2,0)	$\psi(\psi_{lpha}({lpha_{\omega^2}}^{lpha_2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}{}^{lpha_{\omega}}))$
-(3,2,0)(4,2,0)(2,2,2)	$\psi(\psi_{lpha}(lpha_{\omega^2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,0)-	
-(4,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^2}{}^{\alpha_{\omega\cdot 2}}))$
-(5,3,2)(5,3,0)(6,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2}{}^{lpha_{\omega^2}}))$
-(3,2,0)(4,2,0)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^2} - \gamma))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\Omega_{lpha_{2}+1}))$
-(3,2,0)(4,3,0)	$\varphi(\varphi_{\alpha}(\exists^{2}\alpha_{\omega^{2}}+1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1} + \psi_{\alpha_2}(\Omega_{\alpha_{\omega^2}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{-2}+1}+\alpha_{2}))$
-(3,2,1)(2,2,0)	$\varphi (\varphi \alpha (\Im \alpha_{\omega^2} + 1 + \Im 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha,2+1}+\alpha_{\omega}))$
-(3,2,1)(2,2,2)	$\varphi (\varphi \alpha (\Im \alpha_{\omega^2+1} + \alpha \omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1}+\alpha_{\omega^2}))$
-(3,2,1)(2,2,2)(3,2,2)	$\tau (\tau \alpha (-\alpha_{\omega^2} + 1 + -\alpha_{\omega^2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha,2+1} + \alpha_{\omega^2}^2))$
-(2,2,2)(3,2,2)(3,2,0)(2,2,2)(3,2,2)	$\gamma (\gamma \alpha (-\alpha_{\omega^2} + 1 + \alpha \omega^2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1}\cdot 2 + \Omega_{\alpha+1}\cdot \omega))$
-(2,2,2)(3,2,2)(3,2,0)(4,3,1)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	1/1/(0 21/1/(0 21/1)))
-(3,2,1)(2,2,2)(3,2,2)(3,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1}\cdot 2 + \psi_{\alpha_2}(\Omega_{\alpha_{\omega^2}+1}\cdot 2 + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	1/1/(0
-(3,2,1)(3,2,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1}\cdot\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	1/1/6
-(3,2,1)(3,2,0)(2,2,2)	$\psi(\psi_{lpha}(\Omega_{lpha_{\omega^2}+1}\cdotlpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,1)(3,2,0)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1}\cdot\alpha_{\omega^2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,1)-	
-(3,2,0)(2,2,2)(3,2,2)(3,2,1)(3,2,0)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1}\cdot(\alpha_{\omega^2}+\alpha_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\Omega_{lpha_{.,2}+1}{}^2))$
-(3,2,1)(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(^{2}\iota_{\alpha_{\omega^{2}}+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha,2+1}^2 + \psi_{\alpha_2}(\Omega_{\alpha,2+1}^2 + 1)))$
-(3,2,1)(3,2,1)	$\psi(\psi_{\alpha}(\mathfrak{I}^{2}\alpha_{\omega^{2}+1} + \psi_{\alpha_{2}}(\mathfrak{I}^{2}\alpha_{\omega^{2}+1} + \mathfrak{I})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1}^2 + \alpha_{\omega^2}))$
-(3,2,1)(3,2,1)(2,2,2)(3,2,2)	$\varphi(\varphi\alpha(\Im\alpha_{\omega^2+1} + \alpha\omega^2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\alpha,2}+1}{}^2\cdot\alpha_2))$
-(3,2,1)(3,2,1)(3,2,0)	$\varphi(\varphi\alpha(\mathbf{S}\alpha_{\omega^2+1} = \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{.,2}+1}^{3} + \psi_{\alpha_{2}}(\Omega_{\alpha_{.,2}+1}^{3} + 1)))$
-(3,2,1)(3,2,1)(3,2,1)	$\gamma (\gamma \alpha (-\alpha_{\omega}^{2}+1), \gamma \alpha_{2}(-\alpha_{\omega}^{2}+1), -\gamma \gamma \gamma$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(\Omega_{lpha_{1,2}+1}{}^{lpha_2}))$
-(3,2,1)(4,2,0)	γ (γ at α_{ω}^{2} γ)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\Omega_{lpha_{1,2}+1}{}^{lpha_{\omega}}))$
-(3,2,1)(4,2,0)(2,2,2)	$\gamma (\gamma \alpha (\alpha_{\omega^2} \gamma^2 \gamma^2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,1)(4,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{lpha}(\Omega_{lpha_{\omega^2}+1}{}^{lpha_{\omega\cdot 2}}))$
-(5,3,2)(5,3,1)(6,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{-2}+1}{}^{\alpha_{\omega^2}}))$
-(3,2,1)(4,2,0)(2,2,2)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,1) - (4,2,0)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1}{}^(\alpha_{\omega^2}\cdot 2)))$
-(4,2,0)(3,2,1)(4,2,0)(2,2,2)(3,2,2)	υ
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\Omega_{lpha_{\omega^2}+1}{}^{arepsilon_{lpha_{\omega^2}+1}}))$
-(3,2,1)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2}+1}{}^{\Omega_{\alpha_{\omega^2}+1}}+$
-(3,2,1)(4,2,1)	$\psi_{\alpha_2}(\Omega_{\alpha_{\omega^2}+1}{}^{\Omega_{\alpha_{\omega^2}+1}}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2+1}))$
-(3,2,1)(4,3,0)	/ (/ u(· w T1/)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2+1}+1} + \psi_{\alpha_2}(\Omega_{\alpha_{\omega^2+1}+1} + 1)))$
-(3,2,1)(4,3,1)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,1)(4,3,2)	$\psi(\psi_{lpha}(lpha_{\omega^2+\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,1)(4,3,2)(4,3,2)	$\psi(\psi_{lpha}(lpha_{\omega^2+\omega}\cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(3,2,1)(4,3,2)(5,3,0)	$\psi(\psi_{\alpha}(\alpha_{\omega^2+\omega}\cdot\alpha_{\omega^2+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}({\alpha_{\omega^2+\omega}}^2))$
-(3,2,1)(4,3,2)(5,3,0)(4,3,2)	$\psi(\psi_{lpha}(lpha_{\omega^2+\omega^-}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(arepsilon_{lpha_{lpha/2+lpha}+1}))$
-(3,2,1)(4,3,2)(5,3,0)(6,4,0)	$\psi(\psi_{\alpha}(\varepsilon_{\alpha_{\omega^2+\omega}}+1))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\omega^2+\omega}+1}+\psi_{\alpha_2}(\Omega_{\alpha_{\omega^2+\omega}+1}+1)))$
-(3,2,1)(4,3,2)(5,3,1)	$\psi(\psi_{\alpha}({}^{\mathfrak{s}}{}$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^2+\omega\cdot 2}))$
-(3,2,1)(4,3,2)(5,3,1)(6,4,2)	$\psi(\psi_{\alpha}(\alpha\omega^2+\omega\cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_{\omega^2\cdot 2}))$
-(3,2,1)(4,3,2)(5,3,2)	$\varphi(\varphi_{\alpha}(\omega_{2\cdot 2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)	$\psi(\psi_lpha(lpha_{\omega^3}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^3}+lpha_{\omega^2}))$
-(3,2,2)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\alpha_{\omega^3} + \alpha_{\omega^2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2) -	
-(2,2,2)(3,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\omega^3} + \alpha_{\omega^2 + \omega}))$
-(5,3,2)(5,3,2)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	
-(2,2,2)(3,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{lpha}(lpha_{\omega^3}+lpha_{\omega^2\cdot 2}))$
-(5,3,2)(5,3,2)(4,3,2)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{\omega^3}\cdot 2))$
-(2,2,2)(3,2,2)(3,2,2)	γ (γα(∞ω = -/)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2) -	$\psi(\psi_{lpha}(lpha_{\omega^3}\cdotlpha_{\omega^2}))$
-(3,2,0)(2,2,2)(3,2,2)	7 (7 α (5-ω - 5-ω))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,2)(3,2,1)-	$\psi(\psi_{lpha}(lpha_{\omega^3}\cdotlpha_{\omega^2+1}))$
-(4,3,2)(5,3,2)(5,3,2)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	
-(3,2,0)(2,2,2)(3,2,2)(3,2,1)(4,3,2)	$\psi(\psi_{lpha}(lpha_{\omega^3}\cdotlpha_{\omega^2\cdot 2}))$
-(5,3,2)(5,3,2)(5,3,0)(4,3,2)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(3,2,2)-	$\psi(\psi_{lpha}({lpha_{\omega^3}}^2))$
-(3,2,0)(2,2,2)(3,2,2)(3,2,2)	r (ra(-w))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\varepsilon_{\alpha_{\omega^3}+1}))$
-(3,2,2)(3,2,0)(4,3,0)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\Omega_{\alpha_{.,3}+1}+\psi_{\alpha_{2}}(\Omega_{\alpha_{.,3}+1}+1)))$
-(3,2,2)(3,2,1)	$\psi(\psi_{\alpha}(\mathfrak{L}_{\alpha_{\omega^3}+1} + \psi_{\alpha_2}(\mathfrak{L}_{\alpha_{\omega^3}+1} + \mathfrak{I})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{lpha^3,2}))$
-(3,2,2)(3,2,1)(4,3,2)(5,3,2)(5,3,2)	$\varphi (\varphi_{\alpha}(\omega_{\omega}^{0}.2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_{\omega^4}))$
-(3,2,2)(3,2,2)	<i>Υ</i> (<i>Υ α</i> (~ω·/))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_lpha))$
-(4,1,0)(2,0,0)	, (, =-(,/,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	$\psi(\psi_{lpha}(lpha_{lpha}+\psi_{lpha_{2}}(lpha_{lpha})))$
-(2,1,1)(3,2,2)(4,2,2)(5,1,0)(2,0,0)	, (, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{lpha}(lpha_{lpha}+lpha_{2}))$
-(4,1,0)(2,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_lpha(lpha_lpha+lpha_\omega))$
$\frac{-(4,1,0)(2,2,2)}{(0,0,0)(1,1,1)(2,2,2)(3,2,2)}$	
$\begin{bmatrix} (0,0,0)(1,1,1)(2,2,2)(3,2,2)^2 \\ -(4,1,0)(2,2,2)(3,2,2)(4,1,0)(2,0,0) \end{bmatrix}$	$\psi(\psi_\alpha(\alpha_\alpha\cdot 2))$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,2,2)(4,1,0)(3,2,1)	$\psi(\psi_{\alpha}(\Omega_{\alpha_{\alpha}+1} + \psi_{\alpha_{2}}(\Omega_{\alpha_{\alpha}+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,1,0)(3,2,1)(4,3,2)	$\psi(\psi_{lpha}(lpha_{lpha+\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)	// / / N
-(3,2,1)(4,3,2)(5,3,2)(6,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\alpha_{\alpha \cdot 2}))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(lpha_{lpha \cdot \omega}))$
-(3,2,2)(4,1,0)(3,2,2)	$\psi(\psi_{lpha}(lpha_{lpha\cdot\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_{lpha^2}))$
-(4,1,0)(3,2,2)(4,1,0)(2,0,0)	$\varphi \left(\varphi \alpha \left(\alpha^{2} \right) \right)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(lpha_{arepsilon_{lpha+1}}))$
-(3,2,2)(4,1,0)(5,2,0)	$\tau \left(\tau \alpha \left(-\varepsilon _{\alpha +1}/\gamma \right) \right)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)	$\psi(\psi_{\alpha}(\alpha_{\Omega_{\alpha+1}} + \psi_{\alpha_2}(\alpha_{\Omega_{\alpha+1}} + 1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(lpha_{\psi_{lpha_2}(lpha_\omega)}))$
-(3,2,2)(4,1,1)(5,2,2)	$\psi \left(\psi \alpha \left(\omega \psi_{\alpha_2}(\alpha_\omega) \right) \right)$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)	$\psi(\psi_{\alpha}(\alpha_{\alpha_2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	ablab (c:))
-(2,2,1)(3,3,2)(4,3,2)(5,2,0)(4,3,2)	$\psi(\psi_lpha(lpha_{lpha_2\cdot\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\psi_{lpha}(lpha_{lpha_3}))$
-(2,2,1)(3,3,2)(4,3,2)(5,3,0)	$\psi (\psi \alpha (^{\mathrm{tt}}\alpha_3))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(lpha_{lpha_{lpha}}))$
-(3,2,2)(4,2,0)(2,2,2)	γ (γα(^ω α _ω))

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(2,2,2)(2,2,2)	$\psi(\psi_lpha(lpha_{lpha_\omega}+lpha_\omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(2,2,2)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\alpha_{\alpha_{\omega}} + \psi_{\alpha_{\omega+1}}(\alpha_{\omega \cdot 2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,2,0)	$\psi(\psi_{\alpha}(\alpha_{\alpha_{\omega}} + \psi_{\alpha_{\omega+1}}(\alpha_{\alpha_2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\alpha_{\omega}} + \psi_{\alpha_{\omega+1}}(\alpha_{\alpha_{\omega}})))$
-(5,3,2)(6,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\alpha_{\omega}} + \alpha_{\omega+1}))$
-(5,3,2)(6,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(2,2,2)(3,2,1)(4,3,2)(5,3,2)-	$\psi(\psi_{\alpha}(\alpha_{\alpha_{\omega}}+\alpha_{\alpha_{2}}))$
-(6,2,0)(4,3,2)(5,3,2)(6,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(2,2,2)(3,2,1)(4,3,2)(5,3,2)	$\psi(\psi_{\alpha}(\alpha_{\alpha_{\omega}}\cdot 2))$
-(6,2,0)(4,3,2)(5,3,2)(6,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\psi_{lpha}(lpha_{lpha_{lpha,++}}))$
-(2,2,2)(3,2,1)(4,3,2)(5,3,2)(6,3,0)	$\psi(\psi_{\alpha}(lpha_{lpha_{\omega+1}}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(2,2,2)(3,2,1)-	$\psi(\psi_{\alpha}(\alpha_{\alpha_{\boldsymbol{\omega}\cdot 2}}))$
-(4,3,2)(5,3,2)(6,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(lpha_{lpha_{lpha,2}}))$
-(4,2,0)(2,2,2)(3,2,2)	$\varphi(\psi_{\alpha}(\alpha_{\omega^2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(lpha_{lpha_{lpha_lpha}}))$
-(4,2,0)(2,2,2)(3,2,2)(4,2,0)	$\varphi \left(\varphi u \left(\omega u_{\alpha_2} \right) \right)$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\alpha \text{fp})) = \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \beta)))$
-(3,2,2)(4,2,0)(3,0,0)	τ (τα(**
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdoteta)+lpha_{\omega}))$
-(4,2,0)(3,0,0)(2,2,2)	τ (τα(τρ(ρ+1
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdoteta)+lpha_{\omega^2}))$
-(4,2,0)(3,0,0)(2,2,2)(3,2,2)	τ (τα(τρ(ρ+1
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdoteta)\cdot 2))$
-(3,0,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	Γ (Τα(ΤΡΥ-ΡΤΙ Γ) -//
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)\cdot\omega))$
-(4,2,0)(3,0,0)(3,0,0)	((α (τ ρ (~ ρ τ 1 - τ) - - τ))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)\cdot\alpha))$
-(4,2,0)(3,1,0)(2,0,0)	

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)\cdot\Omega_{\alpha+1}+$
-(4,2,0)(3,1,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)\cdot\Omega_{\alpha+1}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(3,1,1)(4,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)\cdot\psi_{\alpha_{2}}(\alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(3,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)\cdot\alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdoteta)\cdotlpha_{\omega}))$
-(4,2,0)(3,2,0)(2,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot \beta)\cdot \alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)^2))$
-(3,2,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha\beta+1\cdot\beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)^2\cdot\alpha_2))$
-(4,2,0)(3,2,0)(3,2,0)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1} \mid \beta) \mid \alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(3,2,0)(3,2,0)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)^3))$
-(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(3,2,0)(4,2,0)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdoteta)^{\psi_{eta}(lpha_{eta+1}\cdoteta)}))$
-(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdoteta+eta)))$
-(4,2,0)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta+\Omega_{\beta+1})+$
-(4,2,0)(3,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta+\Omega_{\beta+1})+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) -	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta+\Omega_{\beta+1})\cdot2+$
-(3,2,1)(2,2,2)(3,2,2)(4,2,0)(3,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta+\Omega_{\beta+1})\cdot 2+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta+\Omega_{\beta+1})^2+$
-(4,2,0)(3,2,1)(3,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta+\Omega_{\beta+1})^2+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	(((((((((((((((((((((
-(4,2,0)(3,2,1)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta+\Omega_{\beta+1}+\beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+\omega))\cdot 2))$
-(4,2,0)(3,2,1)(4,3,2)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+\omega))\cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+\omega)+\beta)))$
-(4,2,0)(3,2,1)(4,3,2)(5,3,0)(6,4,0)	$\psi(\psi\alpha(\psi\beta(\alpha\beta+1\cdot(\rho\pm\omega)\pm\rho)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdot(eta+\omega^2))))$
-(4,2,0)(3,2,1)(4,3,2)(5,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot (\beta + \omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdot(eta+lpha))))$
-(3,2,1)(4,3,2)(5,3,2)(6,1,0)(2,0,0)	$\varphi(\varphi\alpha(\varphi\rho(\omega p+1-(p-1-\omega))))$

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdot(eta+lpha_2))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)(2,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+\alpha_{\omega}))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(3,2,1)(4,3,2)(5,3,2)(6,2,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)))))$
-(2,2,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+1))))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta+\omega))))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(5,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(3,2,2)	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdoteta\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$ab(ab, (ab, (ac, \beta, c)) + ab, (ac, \beta)))$
-(3,2,2)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega)+\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	
-(3,2,2)(2,2,2)(3,2,2)(4,2,0)(3,2,1)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega)+\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot2)))$
-(4,3,2)(5,3,2)(6,3,0)(5,3,2)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega)+\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot2)))$
-(5,3,2)(6,3,0)(5,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-	$\psi(\psi_{\alpha}(\psi_{eta}(lpha_{eta+1}\cdoteta\cdot\omega)\cdot2))$
-(3,2,2)(2,2,2)(3,2,2)(4,2,0)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega)\cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(3,2,2)(3,2,0)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega)^2))$
-(3,2,2)(4,2,0)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot \beta\cdot \omega+\beta)))$
-(4,2,0)(3,2,2)(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \beta \cdot \omega + \beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega+\Omega_{\beta+1})+$
-(4,2,0)(3,2,2)(3,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega+\Omega_{\beta+1})+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(3,2,2)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\beta\cdot\omega+\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,0)(3,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot(\omega+1))))$
-(5,3,2)(6,3,0)(5,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	alifali (ali fa o 2000
-(4,2,0)(3,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega^2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	ablab (ab. (: 2 - 2 - 2)))
-(4,2,0)(3,2,2)(4,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\alpha)))$

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	BMS	投影
$\begin{array}{lll} -(4,2,0)(3,2;2)(4,1,0)(3,2;2) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0)(2,2;2) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0)(2,2;2) \\ & -(3,2;2)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0)(2,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,2,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,2;2) \\ & -(4,2,0)(3,2;2)(4,2,0) \\ & -(3,2;2)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,0)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,0)(5,3,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2;2) \\ & -(4,2,1)(2,2,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2,2) \\ & -(4,2,1)(2,2,0) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2,2) \\ & -(4,2,1)(2,2,2) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2,2) \\ & -(4,2,1)(2,2,2) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2,2) \\ & -(4,2,1)(2,2,2) \\ & (0,0,0)(1,1,1)(2,2;2)(3,2,2) \\ & -(4,2,1)(2,2,2)(3,2,2) $	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
$\begin{array}{lll} -(4,2,0)(3,2,2)(4,2,0) & & & & & & & & & & & & & & & & & & &$	-(4,2,0)(3,2,2)(4,1,0)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\alpha\cdot\omega)))$
$\begin{array}{c} -(4,2,0)(3,2,2)(4,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ -(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ -(3,2,2)(4,2,0)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
$\begin{array}{c} -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ -(3,2,2)(4,2,0)(3,2,2) \\ -(3,2,2)(4,2,0)(3,2,2) \\ -(3,2,2)(4,2,0)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,1)(4,3,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(5,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ (0$	-(4,2,0)(3,2,2)(4,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot \beta\cdot \alpha_{2})))$
$\begin{array}{lll} -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(3,2,2)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ & -(3,2,2)(4,2,0)(3,2,2) \\ & -(4,2,0)(3,2,2)(4,2,0)(3,2,2) \\ & -(4,2,0)(3,2,2)(4,2,0)(3,2,2) \\ & -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,0)(3,2,2)(4,2,0) \\ & -(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ & -(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ & -(3,2,2)(4,2,0)(3,2,1)(4,3,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,0)(3,2,2)(4,2,0)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,0)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,0)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,0)(4,2,0)(3,0,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,0)(4,2,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,0) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ & (0$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	ablab (ab (ac B ac)))
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-(4,2,0)(3,2,2)(4,2,0)(2,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot \beta\cdot \alpha_{\omega})))$
$\begin{array}{c} -(3,2;2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2;2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0)(2,2,2)-\\ -(3,2;2)(4,2,0)(3,2,2) \\ (0,0,0)(1,1,1)(2,2;2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-\\ -(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-\\ -(3,2,2)(4,2,0)(3,2,1)(4,3,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0)(3,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
$\begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0)(2,2,2)-\\ -(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-\\ -(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)-\\ -(3,2,2)(4,2,0)(3,2,1)(4,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(3,2,2)(4,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,0)(5,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1)-\\ -(2,2,2)(3,2,2)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,2)(3,2,2)-\\ $	-(4,2,0)(3,2,2)(4,2,0)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\psi_{\beta}(\alpha_{\beta+1}\cdot\beta))))$
$\begin{array}{c} -(4,2,0)(3,2,2)(4,2,0)(2,2,2) \\ -(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,1)(4,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ -(4,2,1)(2,2,2)$	-(3,2,2)(4,2,0)(3,0,0)	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
$\begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,1)(4,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(5,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)$	-(4,2,0)(3,2,2)(4,2,0)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega))))$
$\begin{array}{lll} & \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta^2))) \\ \hline (-(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ \hline (-(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ \hline (-(3,2,2)(4,2,0)(3,2,1)(4,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline (-(4,2,0)(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline (-(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline -(4,2,0)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline -(4,2,0)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline -(4,2,0)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline -(4,2,1)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline -(4,2,1)(2,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline -(4,2,1)(2,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline -(4,2,1)(2,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline -(4,2,1)(2,2,2)(3,2,2) \\ \hline -(4,2,1)(2,2,2) \\ \hline -(4,2,1)(2,2,2) \\ \hline -(4,2,1)(2,2,2) \\ \hline -(4,2,1)$	-(3,2,2)(4,2,0)(3,2,2)	
$\begin{array}{lll} -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,1)(4,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(5,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline \end{array}$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\varepsilon}(y_{\varepsilon}(y_{\varepsilon}(\alpha_{\varepsilon+1}\cdot\beta^2)))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-(4,2,0)(3,2,2)(4,2,0)(3,0,0)	$\varphi(\varphi\alpha(\varphi\beta(\alpha\beta+1-\beta-)))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) - \right $	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}:\beta^2+\beta)))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	-(3,2,2)(4,2,0)(3,2,0)(4,3,0)	$\varphi(\varphi\alpha(\varphi\beta(\omega_{\beta+1} \mid \beta \mid \gamma)))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) - \right $	$\eta_1(\eta_2(\alpha_2, \dots, (\beta^2 + \omega))))$
$\begin{array}{c} -(4,2,0)(3,2,2)(4,2,0)(3,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) \\ -(3,2,2)(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(5,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline \end{array}$	-(3,2,2)(4,2,0)(3,2,1)(4,3,2)	$\varphi(\varphi \alpha(\varphi \beta(\alpha \beta + 1 - (\beta - 1 - \omega))))$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{-}(\psi_{2}(\alpha_{2+1}\cdot\beta^{2}\cdot\omega)))$
$ \begin{array}{c} -(3,2,2)(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ \hline & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ \hline & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(5,3,0) \\ \hline & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0)(3,2,1) \\ \hline & (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline & ($	-(4,2,0)(3,2,2)(4,2,0)(3,2,2)	$\varphi (\varphi \alpha (\varphi \beta (\alpha \beta + 1 \mid \beta = \omega)))$
$\begin{array}{c} -(3,2,2)(4,2,0)(3,2,2)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(4,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(5,3,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ -(2,2,2)(3,2,2)(4,2,0)(3,0,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,1)(2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2$		$\psi(\psi_{\varepsilon}(\psi_{\varepsilon}(\alpha_{\varepsilon+1}\cdot\beta^3)))$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-(3,2,2)(4,2,0)(3,2,2)(4,2,0)(3,0,0)	$\varphi (\varphi \alpha (\varphi \beta (\omega \beta + 1 + \gamma -)))$
$\begin{array}{c} -(4,2,0)(4,2,0)(3,0,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,0)(5,3,0) \\ \end{array} \qquad \qquad \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot \varepsilon_{\beta+1}))) \\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ -(2,2,2)(3,2,2)(4,2,0)(3,0,0) \\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) $	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\beta^{\beta})))$
$ \begin{array}{c} -(4,2,0)(5,3,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(2,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) - \\ -(2,2,2)(3,2,2)(4,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \\ \hline \\ \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	-(4,2,0)(4,2,0)(3,0,0)	$\varphi (\varphi \alpha (\varphi p (\omega p+1 $
$\begin{array}{c} -(4,2,0)(5,3,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(2,2,2)(3,2,2)(4,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(2,2,2)(3,2,2)(4,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)$		$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot \varepsilon_{\beta+1})))$
$\begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \\ -(4,2,1)(2,2,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ -(2,2,2)(3,2,2)(4,2,0)(3,0,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \\ -(4,2,1)(2,2,2)(3,2,2) \\ \hline \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \\ \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	-(4,2,0)(5,3,0)	
$\begin{array}{c} \psi_{\alpha_{2}}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})+1)))\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,0)\\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,2)\\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-\\ -(2,2,2)(3,2,2)(4,2,0)(3,0,0)\\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1)\\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(3,2,0)(4,3,0)\\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ -(4,2,1)(3,2,0)(4,3,0)\\ \hline\\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)-\\ \hline\\ (0,0,0)(1,1,1)(2,2,2)($	(0 0 0)(1 1 1)(2 2 2)(3 2 2)(4 2 1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})+$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	(0,0,0)(1,1,1)(2,2,2)(0,2,2)(4,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})+1)))$
$\begin{array}{c} -(4,2,1)(2,2,0) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ -(2,2,2)(3,2,2)(4,2,0)(3,0,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline \end{array}$ $\begin{array}{c} \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})+\psi_{\beta}(\alpha_{\beta+1}\cdot\beta))) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+\\ \psi_{\alpha_{2}}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1))) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1))) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1)) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1)) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1)) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1)) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1)) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1)) \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot2+1) \\ \psi(\psi_{\alpha}(\psi_{\beta$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$ab(ab, (ab, (\alpha_1, \dots, \alpha_{n-1}) \perp \alpha_n))$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-(4,2,1)(2,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot 2\iota_{\beta+1})+\alpha_{2}))$
$\begin{array}{c} -(4,2,1)(2,2,2) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ -(2,2,2)(3,2,2)(4,2,0)(3,0,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(2,2,2)(3,2,2)(4,2,1) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ -(4,2,1)(3,2,0)(4,3,0) \\ \hline \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) \\ \hline \end{array}$	$(0,0,0)(\overline{1,1,1})(2,2,2)(3,2,2)$ -	$ab(ab, (ab, (ac, ab, Q_{ac}) + ac))$
$ \begin{array}{lll} & & & & & & & & & & & & & & & & & &$	-(4,2,1)(2,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot \iota\iota_{\beta+1}) + \alpha_{\omega}))$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$gh(gh, (gh_2(\alpha_2, \dots, \alpha_{n-1}) + gh_2(\alpha_{n-1}, \beta)))$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-(2,2,2)(3,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot 32\beta+1) + \psi_{\beta}(\alpha_{\beta+1} \cdot \beta)))$
$(0,0,0)(1,1,1)(2,2,2)(3,2,2)- \\ -(4,2,1)(3,2,0)(4,3,0) $ $\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}+\beta)))$ $(0,0,0)(1,1,1)(2,2,2)(3,2,2)- \\ \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}+\Omega_{\beta+1})+$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot 2+$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \\ -(4,2,1)(3,2,0)(4,3,0) \end{array} \qquad \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}+\beta))) \\ (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}+\Omega_{\beta+1}) + \alpha_{\beta+1})) \end{array} $	-(4,2,1)(2,2,2)(3,2,2)(4,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1})\cdot 2+1)))$
$(0,0,0)(1,1,1)(2,2,2)(3,2,2) \qquad \psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \Omega_{\beta+1} + \Omega_{\beta+1}) + \alpha_{\beta+1}) + \alpha_{\beta+1}) + \alpha_{\beta+1} + \alpha_{\beta+1}) + \alpha_{\beta+1} + \alpha_{\beta+$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
(6)6)(-(-)-(-)-(-)-(-)-(-)-(-)-(-)-(-)-(-(4,2,1)(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}+\beta)))$
	(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}+\Omega_{\beta+1})+$
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}+\Omega_{\beta+1})+1)))$

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\Omega_{\beta+1}+\omega))))$
-(4,2,1)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot(\Omega_{\beta+1}+\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}\cdot2)+$
-(4,2,1)(3,2,1)(4,3,2)(5,3,2)(6,3,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}\cdot 2)+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdot\Omega_{eta+1}\cdoteta)))$
-(4,2,1)(3,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} + 2\beta_{\beta+1} + \beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}^2)+$
-(4,2,1)(3,2,2)(4,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}^2)+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\Omega_{\beta+1}{}^{\beta})))$
-(4,2,1)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \alpha_{\beta+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdotarepsilon_{\Omega_{eta+1}+1})))$
-(4,2,1)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}\cdot\Omega_{eta+\omega})))$
-(4,2,1)(5,3,1)(6,0,0)	$=\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}+\Omega_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^2+{lpha_{eta+1}}\cdot\omega)))$
-(4,2,1)(5,3,2)	$\varphi (\varphi \alpha (\varphi \beta (\alpha p+1) + \alpha p+1 + \alpha)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \omega) \cdot 2))$
-(4,2,1)(5,3,2)(5,3,2)	((4()))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2+\alpha_{\beta+1}\cdot\omega^2)))$
-(4,2,1)(5,3,2)(6,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^2+\alpha_{\beta+1}\cdot\alpha_2)))$
-(4,2,1)(5,3,2)(6,3,2)(7,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^2+$
-(4,2,1)(5,3,2)(6,3,2)(7,2,0)(2,2,2)	$\alpha_{\beta+1} \cdot \psi_{\psi_{\beta}(\alpha_{\beta+1}^2)}(\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \alpha_2))))$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
$\begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1) \\ -(5,3,2)(6,3,2)(7,2,0)(3,0,0) \end{array}$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \psi_{\beta}(\alpha_{\beta+1}^2))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,1)(5,3,2)(6,3,2)(7,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1}))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^2+$
-(5,3,2)(6,3,2)(7,3,0)(5,3,2)	$\alpha_{\beta+1} \cdot \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,2)(6,3,2)(7,3,0)(6,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,2)(6,3,2)(7,3,0)(6,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \beta \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,2)(6,3,2)(7,3,0)(8,4,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}+\alpha_{\beta+1}\cdot\varepsilon_{\beta+1})))$

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot 2+\alpha_{\beta+1}\cdot\omega)))$
-(5,3,2)(6,3,2)(7,3,1)(8,4,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot 2 + \alpha_{\beta+1} \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^2\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^2\cdot\omega)+lpha_2))$
-(4,2,2)(2,2,0)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1} \mid \omega) \mid \alpha_{2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\omega)+\alpha_{\omega}))$
-(4,2,2)(2,2,2)	$\gamma (\gamma \alpha (\gamma \rho)(\omega \rho + 1 - \omega) + \omega \omega))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)+\alpha_{\omega^2}))$
-(4,2,2)(2,2,2)(3,2,2)	γ (γα(γρ(γρ)1 - γ) - ω γ)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)+\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)))$
-(2,2,2)(3,2,2)(4,2,0)(3,0,0)	, (, a(, p), p)1
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)+\psi_{\beta}(\alpha_{\beta+1}\cdot\varepsilon_{\beta+1})))$
-(2,2,2)(3,2,2)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 \cdot \omega) + \psi_{\beta}(\alpha_{\beta+1} \cdot \Omega_{\beta+1}) +$
-(4,2,2)(2,2,2)(3,2,2)(4,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}^2 \cdot \omega) + \psi_{\beta}(\alpha_{\beta+1} \cdot \Omega_{\beta+1}) + 1)))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \right $	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)+$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)	$\psi_{\psi_{\beta}(\alpha_{\beta+1}^2)}(\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^2\cdot\omega)+$
-(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,2)(6,3,2)(7,3,2)	$\psi_{\psi_{eta}(lpha_{eta+1}^2)}(\psi_{eta}(lpha_{eta+1}^2\cdot\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^2\cdot\omega)+$
-(4,2,2)(2,2,2)(3,2,2)(4,2,1)-	$\psi_{\psi_{eta}(lpha_{eta+1}^2)}(\psi_{eta}(lpha_{eta+1}^2\cdot\omega))\cdot\omega))$
-(5,3,2)(6,3,2)(7,3,2)(3,0,0)	$\psi_{\psi_{eta}(lpha_{eta+1}^2)}(\psi_{eta}(lpha_{eta+1}^2 \cdot \omega)) \cdot \omega))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \right $	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)+$
-(7,3,2)(3,2,1)(4,3,2)(5,3,2)(6,2,0)	$\psi_{\psi_{\beta}(\alpha_{\beta+1}^2)}(\psi_{\beta}({\alpha_{\beta+1}}^2\cdot\omega)$
-(2,2,2)(3,2,2)(4,2,1)-	$+\psi_{\psi_{eta}(lpha_{eta+1}^2)}(\psi_{eta}(lpha_{eta+1}^2\cdot\omega)))))$
-(5,3,2)(6,3,2)(7,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}({\alpha_{\beta+1}}^2\cdot\omega)+{\psi_{\beta}({\alpha_{\beta+1}}^2)}))$
-(7,3,2)(3,2,1)(4,3,2)-	. V V V V V V V V.
-(5,3,2)(6,3,0)(5,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\omega)+\psi_{\beta}(\alpha_{\beta+1}^{2})\cdot\omega))$
-(6,3,2)(7,3,2)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 \cdot \omega) + \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1})))$
-(6,3,2)(7,3,2)(5,3,0)	

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)+$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	
-(6,3,2)(7,3,2)(5,3,2)	$\psi_{\beta}({\alpha_{\beta+1}}^2+{\alpha_{\beta+1}}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)+$
-(7,3,2)(5,3,2)(6,3,2)(7,3,1)-	$\psi_{\psi_eta(lpha_{eta+1}^2\cdot 2)}(\psi_eta(lpha_{eta+1}^2\cdot \omega))))$
-(8,4,2)(9,4,2)(10,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{eta}({lpha_{eta+1}}^2\cdot\omega)\cdot2))$
-(4,2,2)(2,2,2)(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \omega) \cdot z))$
(0,0,0)(1,1,1)(2,2,2)-	ab(ab, (ab, (ab, 2, ab), ab))
-(3,2,2)(4,2,2)(3,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)\cdot\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^2\cdot\omega)\cdotlpha_{\omega^2}))$
-(4,2,2)(3,2,0)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \omega) \cdot \alpha_{\omega^2}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 \cdot \omega) \cdot \psi_{\beta}(\alpha_{\beta+1} \cdot \beta)))$
-(3,2,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \omega) \cdot \psi_{\beta}(\alpha_{\beta+1} \cdot \beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 \cdot \omega) \cdot \psi_{\beta}(\alpha_{\beta+1} \cdot \beta \cdot \omega)))$
-(3,2,0)(2,2,2)(3,2,2)(4,2,0)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}\cdot\omega)\cdot\psi_{\beta}(\alpha_{\beta+1}\cdot\beta\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^2\cdot\omega)\cdot$
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)-	
-(5,3,2)(6,3,2)(7,3,2)(6,2,0)	$\psi_{\psi_eta(lpha_{eta+1}^2)}(\psi_eta(lpha_{eta+1}^2\cdotlpha_2))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)(5,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^2\cdot\omega)\cdot\psi_{\beta}(\alpha_{\beta+1}{}^2)))$
-(6,3,2)(7,3,2)(6,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) -	
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 \cdot \omega) \cdot \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1})))$
-(5,3,2)(6,3,2)(7,3,2)(6,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) -	
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)(5,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 \cdot \omega) \cdot \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \omega)))$
-(6,3,2)(7,3,2)(6,3,0)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^2\cdot\omega)^2))$
-(4,2,2)(3,2,0)(2,2,2)(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)^2\cdot\alpha_2))$
-(4,2,2)(3,2,0)(3,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \omega) \cdot \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega)^3))$
-(3,2,0)(3,2,0)(2,2,2)(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\omega+\beta)))$
-(4,2,2)(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \omega + \beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega+\Omega_{\beta+1})+$
-(4,2,2)(3,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega+\Omega_{\beta+1})+1)))$

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,2)(3,2,1)(4,3,0)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\omega+\varepsilon_{\Omega_{\beta+1}+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,2)(3,2,1)(4,3,2)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\omega+\alpha_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - (3,2,1)(4,3,2)(5,3,2)(6,3,0)(5,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\omega+\alpha_{\beta+1}\cdot\beta)))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,1)(4,3,2)(5,3,2)(6,3,1)(7,4,2) \end{array} $	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot(\omega+1)+\alpha_{\beta+1}\cdot\omega)))$
$ \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) - \\ -(3,2,1)(4,3,2)(5,3,2)(6,3,2) \end{array} $	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^2\cdot\omega\cdot2)))$
(0,0,0)(1,1,1)(2,2,2) - (3,2,2)(4,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\omega^2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-(4,2,2)(3,2,2)(4,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\alpha_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(3,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^2\cdoteta)))$
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\beta+\beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- -(3,2,2)(4,2,0)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\beta+\alpha_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,2)(3,2,2)(4,2,0)(3,2,1)-$ $-(4,3,2)(5,3,2)(6,3,2)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot(\beta+\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(3,2,2)(4,2,0)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^2\cdot\beta\cdot\omega)))$
$ \begin{array}{c c} (0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) \\ -(3,2,2)(4,2,0)(3,2,2)(4,2,0)(3,0,0) \end{array} $	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^2\cdot\beta^2)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,2)(3,2,2)(4,2,0)(5,3,0)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\varepsilon_{\beta+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\Omega_{\beta+1})+$
-(4,2,2)(3,2,2)(4,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}^2\cdot\Omega_{\beta+1})+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $-(4,2,2)(3,2,2)(4,2,1)(3,0,0)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\Omega_{\beta+1}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- $-(3,2,2)(4,2,1)(3,2,1)(4,3,2)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\Omega_{\beta+1}+\alpha_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(3,2,2)(4,2,1)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^2\cdot\Omega_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)- (3,2,2)(4,2,1)(3,2,2)(4,2,1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^2 \cdot \Omega_{\beta+1}^2) + \psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}^2 \cdot \Omega_{\beta+1}^2) + 1)))$

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,2)(3,2,2)(4,2,1)(5,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{2}\cdot\varepsilon_{\Omega_{\beta+1}+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	ab(ab, (ab, (ac, 3 + ac, (1))))
-(4,2,2)(3,2,2)(4,2,1)(5,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{3} + \alpha_{\beta+1} \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{3}+\alpha_{\beta+1}^{2}\cdot\omega)))$
-(3,2,2)(4,2,1)(5,3,2)(6,3,2)(7,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} + \alpha_{\beta+1} \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(\psi_eta(lpha_{eta+1}{}^3\cdot\omega)))$
-(4,2,2)(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^{\omega})))$
-(3,2,2)(4,2,2)(4,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1})))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^{lpha})))$
-(3,2,2)(4,2,2)(4,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}({\alpha_{\beta+1}}^{\alpha}+\beta)))$
-(4,2,2)(4,1,0)(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} + \beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(\psi_eta(lpha_{eta+1}{}^lpha\cdot\omega)))$
-(4,2,2)(4,1,0)(3,2,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1} - \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta+1}}^{lpha}\cdotlpha_2)))$
-(4,2,2)(4,1,0)(3,2,2)(4,2,0)	$\varphi(\varphi\alpha(\varphi_{\beta}(\alpha_{\beta+1} - \alpha_{2})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(\psi_eta({lpha_eta+1}^lpha\cdoteta)))$
-(4,2,2)(4,1,0)(3,2,2)(4,2,0)(3,0,0)	$\varphi (\varphi \alpha (\varphi \rho (\omega \rho + 1 - \rho)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}(\alpha+1)\cdot\omega)))$
-(4,2,2)(4,1,0)(3,2,2)(4,2,2)	τ (τα(τρ(ρ+1
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) -	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{(}lpha\cdot2))))$
-(4,1,0)(3,2,2)(4,2,2)(4,1,0)(2,0,0)	γ (γα(γρ(-ρ)1 - γ)))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{arepsilon_{lpha+1}})))$
-(4,2,2)(4,1,0)(5,2,0)	, (, a(, p) p) 1 ///
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(\psi_eta(lpha_{eta+1}{}^{lpha_2})))$
-(3,2,2)(4,2,2)(4,2,0)	, (, \alpha \cdot \beta \cdot \
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{lpha_{\omega}})))$
-(4,2,2)(4,2,0)(2,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{\psi_{eta}(lpha_{eta+1}\cdoteta)})))$
-(4,2,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{\psi_{eta}(lpha_{eta+1}{}^{lpha_2})})))$
-(4,2,0)(2,2,2)(3,2,2)(4,2,2)(4,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}({\alpha_{\beta+1}}^{\beta})))$
-(4,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\beta}+\beta)))$
-(4,2,2)(4,2,0)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}({\psi_{\beta}(\alpha_{\beta+1}}^{\beta}\cdot\omega)))$
-(4,2,2)(4,2,0)(3,2,2)	A ALMANEN ET ATT

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$ab(ab, (ab, (a \beta, \beta)))$
-(4,2,0)(3,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\beta}\cdot\beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$ab(ab, (ab, (a, \beta, a, \beta)))$
-(4,2,0)(3,2,2)(4,2,0)(5,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\beta}\cdot\varepsilon_{\beta+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{(}\beta+1)+\alpha_{\beta+1}\cdot\omega)))$
-(4,2,0)(3,2,2)(4,2,1)(5,3,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1} \mid \beta+1) + \alpha_{\beta+1} \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(lpha_{eta+1}(eta+1)\cdot\omega)))$
-(4,2,2)(4,2,0)(3,2,2)(4,2,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1} \mid \beta \mid 1) \mid \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) -	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}(\beta+\alpha))))$
-(4,2,0)(3,2,2)(4,2,2)(4,1,0)(2,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \mid \beta \mid \alpha))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}(eta+lpha_2))))$
-(4,2,2)(4,2,0)(3,2,2)(4,2,2)(4,2,0)	$\varphi(\varphi\alpha(\varphi\beta(\alpha\beta+1 \beta +\alpha2))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) -	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{(}eta\cdot2))))$
-(4,2,0)(3,2,2)(4,2,2)(4,2,0)(3,0,0)	$\varphi(\varphi\alpha(\varphi\rho(\omega\rho+1 \ P \ 2))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}({\alpha_{\beta+1}}^{\beta^2})))$
-(4,2,2)(4,2,0)(4,2,0)(3,0,0)	γ (γα(γρ(ργ1 ///)
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(\psi_eta(lpha_{eta+1}{}^{arepsilon_{eta+1}})))$
-(4,2,2)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\Omega_{\beta+1}})+$
-(4,2,2)(4,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}^{\Omega_{\beta+1})}+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\Omega_{\beta+1}}+\alpha_{\beta+1}\cdot\omega)))$
-(4,2,2)(4,2,1)(3,2,1)(4,3,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1}) + \alpha_{\beta+1} \alpha_{\beta+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_lpha(\psi_eta(lpha_{eta+1}{}^{\Omega_{eta+1}}\cdot\omega)))$
-(4,2,2)(4,2,1)(3,2,2)	φ (φα(φρ(ωρ+1 ·····)))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\prime}\Omega_{\beta+1}+1)\cdot\omega)))$
-(4,2,2)(4,2,1)(3,2,2)(4,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\prime}\Omega_{\beta+1}\cdot 2))+$
-(4,2,2)(4,2,1)(3,2,2)(4,2,2)(4,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}(\Omega_{\beta+1}\cdot 2))+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}(\Omega_{eta+1}\cdoteta))))$
-(4,2,2)(4,2,1)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \circ \beta_{\beta+1} \circ \beta_{\beta}))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{arepsilon_{\Omega_{eta+1}+1}})))$
-(4,2,2)(4,2,1)(5,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} + \cdots +)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}+\alpha_{\beta+1}\cdot\omega)))$
-(4,2,2)(4,2,1)(5,3,2)	$\varphi(\varphi\alpha(\varphi\beta(\alpha\beta+1) - \alpha\beta+1 - \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}+\alpha_{\beta+1}{}^{\omega})))$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)(7,0,0)	$\varphi(\varphi\alpha(\varphi\beta(\alpha\beta+1) + \alpha\beta+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}+\alpha_{\beta+1}{}^{\alpha_{2}})))$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)(7,2,0)	γ (γα(γρ(~p+1

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{\alpha_{\beta+1}}+\alpha_{\beta+1}^{\psi_{\beta}(\alpha_{\beta+1}^{\alpha_{\beta+1}})})))$
-(7,3,2)(7,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}+$
-(4,2,1)(5,3,2)(6,3,2)(7,3,2)(7,3,0)	$lpha_{eta+1}{}^{\psi_{eta}(lpha_{eta+1}{}^{lpha_{eta+1}+lpha_{eta+1})})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}+\alpha_{\beta+1}{}^{\beta})))$
-(7,3,2)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	
-(4,2,2)(4,2,1)(5,3,2)(6,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot 2+\alpha_{\beta+1}\cdot \omega)))$
-(7,3,2)(7,3,1)(8,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot\omega)))$
-(4,2,2)(4,2,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1} - \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) -	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot\omega)+\psi_{\beta}(\alpha_{\beta+1}{}^{\omega})))$
-(4,2,2)(2,2,2)(3,2,2)(4,2,2)(4,0,0)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) -	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot\omega)+$
-(4,2,2)(2,2,2)(3,2,2)(4,2,2)(4,2,1)	$\psi_{\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}})}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot\omega))))$
-(5,3,2)(6,3,2)(7,3,2)(7,3,2)	$\psi\psi_{\beta}(\alpha_{\beta+1}^{-\beta+1})(\psi_{\beta}(\alpha_{\beta+1}^{-\beta+1}))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2) -	
-(4,2,2)(2,2,2)(3,2,2)(4,2,2)(4,2,1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot\omega)+\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}})))$
-(5,3,2)(6,3,2)(7,3,2)(7,3,2)-	γ (γα(γρ(ερ 1 - εγ) εγρ(ερ 1 - γγ)
-(3,2,2)(4,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot\omega)\cdot2))$
-(4,2,2)(2,2,2)(3,2,2)(4,2,2)(4,2,2)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	141.41.4
-(4,2,2)(4,2,2)(3,2,0)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{eta}(lpha_{eta+1}{}^{lpha_{eta+1}}\cdot\omega)^2))$
-(3,2,2)(4,2,2)(4,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot\omega+\beta)))$
-(4,2,2)(4,2,2)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot\omega+\alpha_{\beta+1}\cdot\omega)))$
-(4,2,2)(4,2,2)(3,2,1)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{lpha_{eta+1}}\cdot\omega^2)))$
-(4,2,2)(4,2,2)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)- $(4,2,2)(4,2,2)(3,2,2)(4,2,0)(3,0,0)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\cdot\beta)))$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}(\alpha_{\beta+1}+1)+\alpha_{\beta+1}\cdot\omega)))$
$\begin{array}{c} -(4,2,2)(3,2,2)(4,2,1)(5,3,2) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \end{array}$	
	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{(}\alpha_{\beta+1}+1)\cdot\omega)))$
-(4,2,2)(4,2,2)(3,2,2)(4,2,2)	

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}(\alpha_{\beta+1}+\omega))))$
-(4,2,2)(3,2,2)(4,2,2)(4,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1},\alpha_{\beta+1}+\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}(\alpha_{\beta+1}+\beta))))$
-(4,2,2)(3,2,2)(4,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1},\alpha_{\beta+1}+\beta))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}(lpha_{eta+1}+arepsilon_{eta+1}))))$
-(4,2,2)(3,2,2)(4,2,2)(4,2,0)(5,3,0)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1} \ \alpha_{\beta+1} + \varepsilon_{\beta+1}))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}^{\dagger}\alpha_{\beta+1}+\Omega_{\beta+1})+$
-(4,2,2)(3,2,2)(4,2,2)(4,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}{}^{(}\alpha_{\beta+1}+\Omega_{\beta+1}))+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\prime}\alpha_{\beta+1}\cdot 2) + \alpha_{\beta+1}\cdot \omega)))$
-(4,2,2)(3,2,2)(4,2,2)(4,2,1)(5,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdot \alpha_{\beta+1} \cdot 2) + \alpha_{\beta+1} \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{(}\alpha_{\beta+1}\cdot 2)\cdot\omega)))$
-(4,2,2)(3,2,2)(4,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1},\alpha_{\beta+1},2),\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{(}lpha_{eta+1}\cdot\omega))))$
-(4,2,2)(4,2,2)(4,0,0)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1}, \alpha_{\beta+1}, \omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{(}lpha_{eta+1}\cdotlpha))))$
-(4,2,2)(4,2,2)(4,1,0)(2,0,0)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1} \alpha_{\beta+1} \alpha_{\beta}))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{(}\alpha_{\beta+1}\cdot\beta))))$
-(4,2,2)(4,2,2)(4,2,0)(3,0,0)	$\varphi (\varphi \alpha (\varphi \beta (\omega \beta + 1 \omega \beta + 1 \varphi))))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^(lpha_{eta+1}\cdoteta)\cdot\omega)))$
-(4,2,2)(4,2,2)(4,2,0)(3,2,2)	γ (γα(γρ(ερ 1 ερ 1 εγ) εγ))
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^(lpha_{eta+1}\cdoteta)\cdoteta)))$
-(4,2,2)(4,2,0)(3,2,2)(4,2,0)(3,0,0)	, (, a(, p), p)1 , p)1 , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{(}\alpha_{\beta+1}\cdot\beta+1)\cdot\omega)))$
-(4,2,2)(4,2,0)(3,2,2)(4,2,2)	, (, = (, , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	
-(4,2,2)(4,2,2)(4,2,0)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}(\alpha_{\beta+1} \cdot \beta + \beta))))$
-(4,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	
-(4,2,2)(4,2,2)(4,2,0)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}(\alpha_{\beta+1}\cdot\beta\cdot2))))$
-(4,2,2)(4,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}{}^2}\cdot\omega)))$
-(4,2,2)(4,2,2)(4,2,2)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{lpha_{eta+1}}{}^{\omega})))$
-(3,2,2)(4,2,2)(5,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,2,2) - (4,2,2)(5,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}{}^{\beta}})))$
$ \frac{-(4,2,2)(3,2,0)(3,0,0)}{(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)} $	
-(5,2,0)(3,2,2)(4,2,2)(5,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{(}\alpha_{\beta+1}{}^{\beta}\cdot 2))))$
$ \begin{array}{c} -(3,2,0)(3,2,2)(4,2,2)(3,2,0)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,2)(3,2,2) - \end{array} $	
-(4,2,2)(5,2,0)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{(}\alpha_{\beta+1}{}^{\beta}\cdot\beta))))$
-(4,2,2)(3,2,0)(4,2,0)(3,0,0)	

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(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta+1}{}^{lpha_{eta+1}}{}^{eta+1}\cdot\omega)))$
-(4,2,2)(5,2,0)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1} \cdots \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}{}^{\beta\cdot2}})))$
-(4,2,2)(5,2,0)(4,2,2)(5,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}{}^{\Omega_{\beta+1}}+$
-(3,2,2)(4,2,2)(5,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}{}^{\Omega_{\beta+1}})+1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}{}^{\alpha_{\beta+1}}\cdot\omega)))$
-(3,2,2)(4,2,2)(5,2,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\alpha_{\beta+1}) = \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta+1}{}^{\alpha_{\beta+1}{}^{\alpha_{\beta+1}}{}^{\alpha_{\beta+1}}}\cdot\omega)))$
-(4,2,2)(5,2,2)(6,2,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\omega_{\beta+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\varepsilon_{\alpha_{\beta+1}+1}))) = \psi(\psi_{\alpha}(\psi_{\beta}(\beta_{2})))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(\psi_eta(eta_2))\cdot 2)$
-(3,3,0)(1,1,1)(2,2,2)(3,3,0)	$\varphi(\varphi\alpha(\varphi_{\mathcal{D}}(P2))) = 1$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(2,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \alpha_2))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2) + \psi_{lpha_3}(\psi_{eta}(eta_2))))$
-(3,3,0)(2,2,1)(3,3,2)(4,4,0)	$\Psi(\Psi\alpha(\Psi\beta(P2)) + \Psi\alpha_3(\Psi\beta(P2))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_lpha(\psi_eta(eta_2)+lpha_3))$
-(2,2,1)(3,3,2)(4,4,0)(3,3,0)	$\varphi(\varphi\alpha(\varphi_{\mathcal{D}}(P_{\mathcal{D}}) + \omega_{\mathcal{S}}))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(2,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2)+lpha_{\omega^2}))$
-(3,3,0)(2,2,2)(3,2,2)	$\varphi (\varphi \alpha (\varphi \beta (P2) + \omega \omega^{-}))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2) + \psi_{eta}(lpha_{eta+1}\cdoteta)))$
-(2,2,2)(3,2,2)(4,2,0)(3,0,0)	((a((p(-2) - p(-p(1 -)))
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\psi_{\beta}(\alpha_{\beta+1}^2)}(\psi_{\beta}(\beta_2))))$
-(3,2,2)(4,2,1)(5,3,2)(6,4,0)	, (, α(, ρ (2) , γρ(αρτ1) (, ρ (2))))
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(2,2,2)	14.1 (1.1 (2.) 1.1 (2.) 2.)
-(3,2,2)(4,2,1)(5,3,2)(6,4,0)(3,2,1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\beta}(\alpha_{\beta+1}^2)))$
-(4,3,2)(5,3,2)(6,3,0)(5,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(2,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1})}(\psi_{\beta}(\beta_2) + 1)))$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$ \begin{vmatrix} (0,0,0)(1,1,1)(2,2,2)(3,3,0)(2,2,2) - \\ -(3,2,2)(4,2,1)(5,3,2)(6,4,0)(5,3,0) \end{vmatrix} $	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot 2)}(\psi_{\beta}(\beta_2))))$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\psi (\psi \alpha (\psi \beta (P2)) + \psi \psi_{\beta} (\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot 2) (\psi \beta (P2))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,4,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot 2)))$
(5,3,1)(6,4,2)(7,5,0)(6,4,0)	, ((a()p((2) -)p()p(1 -)p(1 - 2)))

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(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(2,2,2)(3,2,2)(4,2,1)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \omega)))$
-(5,3,2)(6,4,0)(5,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \omega + \beta)))$
-(6,4,0)(5,3,2)(6,3,0)(7,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\beta}(\alpha_{\beta+1}^2 +$
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\alpha_{\beta+1} \cdot \omega + \Omega_{\beta+1}) + \psi_{\alpha_2}(\psi_{\beta}(\beta_2) +$
-(6,4,0)(5,3,2)(6,3,1)	$\psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \omega + \Omega_{\beta+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \omega \cdot 2)))$
-(6,4,0)(5,3,2)(6,3,1)(7,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(2,2,2)(3,2,2)(4,2,1)(5,3,2)(6,4,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\beta}(\alpha_{\beta+1}^2 + \alpha_{\beta+1} \cdot \beta)))$
-(5,3,2)(6,3,2)(7,3,0)(6,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2) + \psi_{\beta}(\alpha_{\beta+1}^2 \cdot \omega)))$
-(2,2,2)(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_2) + \psi_{\beta}(\alpha_{\beta+1} + \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_lpha(\psi_eta(eta_2)\cdot 2))$
-(2,2,2)(3,3,0)	$\Psi (\Psi \alpha (\Psi \beta (P2) - 2))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(3,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2)\cdot\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_lpha(\psi_eta(eta_2)\cdotlpha_\omega))$
-(3,2,0)(2,2,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(P_2) \mid \alpha_{\omega}))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(3,2,0) -	$\psi(\psi_lpha(\psi_eta(eta_2)\cdotlpha_{\omega+1}))$
-(2,2,2)(3,2,1)(4,3,2)(5,4,0)(5,3,0)	$\varphi(\varphi \alpha(\varphi \beta(\aleph 2) - \alpha \omega + 1))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(3,2,0)(2,2,2)(3,2,1)(4,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2)\cdot\alpha_{\omega\cdot 2}))$
-(5,4,0)(5,3,0)(4,3,2)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)	$\psi(\psi_lpha(\psi_eta(eta_2)\cdotlpha_{\omega^2}))$
-(3,2,0)(2,2,2)(3,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2)\cdot\psi_{\beta}(\alpha_{\beta+1}\cdot\beta)))$
-(3,2,0)(2,2,2)(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(3,2,0)(2,2,2)(3,2,2)(4,2,1)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2)\cdot\psi_{\psi_{\beta}(\alpha_{\beta+1}^2)}(\psi_{\beta}(\beta_2)\cdot\alpha_2)))$
-(5,3,2)(6,4,0)(6,2,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)- $(3,2,0)(2,2,2)(3,2,2)(4,2,2)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2)\cdot\psi_{\beta}({\alpha_{\beta+1}}^2\cdot\omega)))$
-(3,2,0)(2,2,2)(3,2,2)(4,2,2)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)- $(3,2,0)(2,2,2)(3,3,0)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2)^2))$
-(3,2,0)(2,2,2)(3,3,0)	

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(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(3,2,0)(2,2,2)(3,3,0)(2,2,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2)^2 + \psi_{\beta}(\beta_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(3,2,0)-	
-(2,2,2)(3,3,0)(3,2,0)(2,2,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2)^2 \cdot 2))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2)^3))$
-(3,2,0)(3,2,0)(2,2,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\mathcal{P}_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$ab(ab, (ab, (B,)^{\psi}(B,)))$
-(3,2,0)(4,2,0)(2,2,2)(3,3,0)	$\psi(\psi_{lpha}(\psi_{eta}(eta_2)^{\psi}_{eta}(eta_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2+eta)))$
-(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_2 + \rho)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(3,2,0)(4,3,0)(3,2,0)(2,2,2)-	$\psi(\psi_\alpha(\psi_\beta(\beta_2+\beta)^2))$
-(3,3,0)(3,2,0)(4,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{eta}(eta_2+eta)^{\psi}_{eta}(eta_2+eta)))$
-(3,2,0)(4,3,0)(3,2,0)(4,3,0)	$\varphi(\varphi\alpha(\varphi\beta(P2 + P)\beta(P2 + P)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_lpha(\psi_eta(eta_2+eta\cdot2)))$
-(3,2,0)(4,3,0)(4,3,0)	$\varphi (\varphi \alpha (\varphi \rho (P2 + P - 2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \Omega_{\beta+1}) + \Omega_{\alpha+1} \cdot \omega))$
-(3,2,0)(4,3,1)	
$ \left (0,0,0)(1,1,1)(2,2,2)(3,3,0)(3,2,1) \right $	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \Omega_{\beta+1}) +$
(0,0,0)(1,1,1)(2,2,2)(0,0,0)(0,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\beta_2 + \Omega_{\beta+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2+lpha_{eta+1}\cdot\omega)))$
-(3,2,1)(4,3,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\rho_{2}+\alpha_{\beta+1}-\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2+lpha_{eta+1}\cdot\omega)\cdot 2))$
-(3,2,1)(4,3,2)(4,3,2)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\beta_2 + \alpha_{\beta+1} - \alpha_{\beta} - 2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{eta}(eta_2+lpha_{eta+1}\cdot\omega+eta)))$
-(3,2,1)(4,3,2)(5,3,0)(6,4,0)	$\varphi (\varphi \alpha (\varphi \beta (\wp 2 + \alpha \wp + 1 \omega + \wp)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \alpha_{\beta+1} \cdot \omega^2)))$
-(3,2,1)(4,3,2)(5,3,2)	$\tau \left(\tau \alpha \left(\tau \beta \left(r 2 + 3 r \rho + 1 + 3 r \right) \right) \right)$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \alpha_{\beta+1} \cdot \beta)))$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(5,0,0)	r (ra(rp (r2 +p)1 - r)))
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \alpha_{\beta+1} \cdot \varepsilon_{\beta+1})))$
-(3,2,1)(4,3,2)(5,3,2)(6,3,0)(7,4,0)	- ((α((ρ ((2 · · · · ρ Τ (· · · ρ Τ (/ ·) /)))
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + {\alpha_{\beta+1}}^2 \cdot \omega)))$
-(3,2,1)(4,3,2)(5,3,2)(6,3,2)	TATACIPALE TOPIL TOPI
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{eta}(eta_2+\psi_{eta_2}(eta_2))))$
-(3,2,1)(4,3,2)(5,4,0)	Γ(Γα(Γρα 2 · Γρ2 (Γ 2))))
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \psi_{\beta_2}(\beta_2)) \cdot 2))$
-(3,2,1)(4,3,2)(5,4,0)(4,3,2)(5,4,0)	, VI VI F V - 1 F 2 V - 777 / 77

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(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \psi_{\beta_2}(\beta_2)) \cdot \psi_{\beta}(\beta_2 + \alpha_{\beta+1})))$
-(3,2,1)(4,3,2)(5,4,0)(5,3,0)	$\varphi(\varphi\alpha(\varphi_{\mathcal{D}}(P_2 + \varphi_{\mathcal{D}_2}(P_2)) + \varphi_{\mathcal{D}}(P_2 + \alpha_{\mathcal{D}_1}(P_1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(3,2,1)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2+\psi_{eta_2}(eta_2))^2))$
-(4,3,2)(5,4,0)(5,3,0)(4,3,2)(5,4,0)	Γ (Γα(Γρ (-2 · Γρ ₂ (-2))))
(0,0,0)(1,1,1)(2,2,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{eta}(eta_2 + \psi_{eta_2}(eta_2) + eta)))$
-(3,2,1)(4,3,2)(5,4,0)(5,3,0)(6,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0) - (2,2,1)(4,2,2)(5,4,0)(5,2,1)(6,4,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \psi_{\beta_2}(\beta_2) + \alpha_{\beta+1} \cdot \omega)))$
-(3,2,1)(4,3,2)(5,4,0)(5,3,1)(6,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \psi_{\beta_2}(\beta_2 + 1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2+\psi_{eta_2}(eta_2+2))))$
-(3,2,2)(3,2,2)	, (, a(, p(, 2 · , p ₂ (, 2 · ,),))
(0,0,0)(1,1,1)(2,2,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \psi_{\beta_2}(\beta_2 + \beta))))$
-(3,2,2)(4,2,0)(3,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \psi_{\beta_2}(\beta_2 + \varepsilon_{\beta+1}))))$
$ \frac{-(3,2,2)(4,2,0)(5,3,0)}{(0,0,0)(1,1,1)(2,2,2)(3,3,0)} $	
-(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \psi_{\beta_2}(\beta_2 + \alpha_{\beta+1} + 1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(3,2,2)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \psi_{\beta_2}(\beta_2 + \psi_{\beta_2}(\beta_2)))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(3,2,2)(4,3,0)(4,2,2)(5,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 + \psi_{\beta_2}(\beta_2 + \psi_{\beta_2}(\beta_2 + \psi_{\beta_2}(\beta_2)))))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(3,3,0)	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdot 2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(4,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdoteta)))$
-(3,3,0)(4,2,0)(3,0,0)	$\Psi(\Psi_{\alpha}(\Psi_{\beta}(P_2 \cap P)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(4,2,1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \Omega_{\beta+1}) + \psi_{\alpha_2}(\psi_{\beta}(\beta_2 \cdot \Omega_{\beta+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdotlpha_{eta+1})))$
-(3,3,0)(4,2,1)(5,3,0)	Γ(Γα(Γρ)/2 ρ+1///
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} + \alpha_{\beta+1} \cdot \omega)))$
-(3,3,0)(4,2,1)(5,3,2)	. X. Z.
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_2))))$
-(4,2,1)(5,3,2)(6,4,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0) - (4,2,1)(5,3,2)(6,4,0)(6,4,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_2 \cdot 2))))$
$\frac{-(4,2,1)(3,3,2)(0,4,0)(0,4,0)}{(0,0,0)(1,1,1)(2,2,2)(3,3,0)(4,2,1)}$	
-(5,3,2)(6,4,0)(7,3,1)(8,4,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_{2}\cdot\alpha_{\beta+1}+\psi_{\beta_{2}}(\beta_{2}\cdot\alpha_{\beta+1})+\alpha_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_2 \cdot \alpha_{\beta+1} + 1))))$

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(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	
-(4,2,2)(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_2 \cdot \alpha_{\beta+1} + 1) + \beta)))$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,3,0)(4,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_2 \cdot \alpha_{\beta+1} + 2))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_2)))))$
-(4,2,2)(3,2,2)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\rho_2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\rho_2)))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(\psi_eta(eta_2\cdot(lpha_{eta+1}+1))))$
-(3,3,0)(4,2,2)(3,3,0)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}))^{2} = (\alpha_{\beta+1} + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdot(lpha_{eta+1}+eta))))$
-(4,2,2)(3,3,0)(4,2,0)(3,0,0)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(\beta_2 \mid \alpha_{\beta+1} \mid \beta))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2\cdot(lpha_{eta+1}+arepsilon_{eta+1}))))$
-(4,2,2)(3,3,0)(4,2,0)(5,3,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot (\alpha_{\beta+1} + \Omega_{\beta+1})) +$
-(4,2,2)(3,3,0)(4,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\beta_2 \cdot (\alpha_{\beta+1} + \Omega_{\beta+1})) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} \cdot 2 + \alpha_{\beta+1} \cdot \omega)))$
-(4,2,2)(3,3,0)(4,2,1)(5,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_2 \cdot \alpha_{\beta+1} \cdot 2 + \alpha_{\beta+1} \cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(4,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} \cdot 2 + \psi_{\beta_2}(\beta_2))))$
-(3,3,0)(4,2,1)(5,3,2)(6,4,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} \cdot 2 + \psi_{\beta_2}(\beta_2))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} \cdot 2 +$
-(4,2,2)(3,3,0)(4,2,2)	$\psi_{\beta_2}(\beta_2\cdot\alpha_{\beta+1}\cdot 2+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} \cdot 2 + \beta_2)))$
-(4,2,2)(3,3,0)(4,2,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_2 \cdot \alpha_{\beta+1} \cdot z + \rho_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdotlpha_{eta+1}\cdoteta)))$
-(4,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1} \cdot \beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(4,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdotlpha_{eta+1}\cdoteta\cdot2)))$
-(4,2,0)(3,3,0)(4,2,2)(4,2,0)(3,0,0)	$\varphi(\varphi_{\alpha}(\varphi_{\beta}(P_2 \mid \alpha_{\beta+1} \mid P \mid 2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdotlpha_{eta+1}\cdotarepsilon_{eta+1})))$
-(4,2,2)(4,2,0)(5,3,0)	$\varphi (\varphi \alpha (\varphi \beta (\beta 2 \alpha \beta + 1 \beta \beta + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdotlpha_{eta+1}{}^2+lpha_{eta+1}\cdot\omega)))$
-(4,2,2)(4,2,1)(5,3,2)	$\varphi(\varphi\alpha(\varphi\beta(\beta 2 \bowtie \beta+1 \bowtie \beta+1 \bowtie \beta)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \alpha_{\beta+1}^2 + \psi_{\beta}, (\beta_2 \cdot \alpha_{\beta+1}^2 + 1))))$
-(3,3,0)(4,2,2)(4,2,2)	$\gamma (\gamma \alpha (\gamma \rho) (r2 \rightarrow p+1 + \gamma p_2) (r2 \rightarrow p+1 + \gamma))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdotlpha_{eta+1}{}^\omega)))$
-(3,3,0)(4,2,2)(5,0,0)	, (, a(, p(, 2 - p , 1 -)))
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdotlpha_{eta+1}{}^eta)))$
-(4,2,2)(5,2,0)(3,0,0)	, (, -, (, p, -, -, -, -, -, -, -, -, -, -, -, -, -,
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdotlpha_{eta+1}{}^{lpha_{eta+1}}+$
-(3,3,0)(4,2,2)(5,2,2)	$\psi_{\beta_2}(\beta_2 \cdot \alpha_{\beta+1}{}^{\alpha_{\beta+1}} + 1))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(\psi_eta(eta_2\cdot\psi_{eta_2}(eta_2))))$
-(3,3,0)(4,2,2)(5,3,0)	τ (τα(Υρ(Γ2 Υρ2(Γ2))))

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(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	.1(.1.(.1.(01.(0.).2)))
-(4,2,2)(5,3,0)(3,3,0)(4,2,2)(5,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2\cdot\psi_{\beta_2}(\beta_2)\cdot 2)))$
(0,0,0)(1,1,1)(2,2,2)-	al.(al. (al. (2 al. (2 2))))
-(3,3,0)(4,2,2)(5,3,0)(5,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2 \cdot \psi_{\beta_2}(\beta_2 \cdot 2))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_2\cdot\psi_{eta_2}(eta_2\cdoteta))))$
-(4,2,2)(5,3,0)(6,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_2 \cdot \psi_{\beta_2}(\rho_2 \cdot \rho))))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,3,0)(4,3,0) \right $	$\psi(\psi_{\alpha}(\psi_{\beta}({\beta_2}^2)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({eta_2}^2+{eta_2})))$
-(3,3,0)(4,3,0)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_2 + \rho_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}({\psi_{\beta}(\beta_2}^2+\beta_2\cdot\alpha_{\beta+1}+$
-(4,3,0)(3,3,0)(4,2,2)	$\psi_{\beta_2}({\beta_2}^2 + \beta_2 \cdot \alpha_{\beta+1} + 1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{\alpha}(\psi_{\beta}({\beta_2}^2+\beta_2\cdot{\psi_{\beta_2}({\beta_2}^2)})))$
-(4,3,0)(3,3,0)(4,2,2)(5,3,0)(6,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_2 + \rho_2 \cdot \psi_{\beta_2}(\rho_2))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)-	$\psi(\psi_{lpha}(\psi_{eta}({eta_2}^2\cdot 2)))$
-(4,3,0)(3,3,0)(4,3,0)	$\varphi (\varphi \alpha (\varphi \beta (P2 - 2)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_2^2 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_2^2 \cdot \alpha_{\beta+1} + 1))))$
-(3,3,0)(4,3,0)(4,2,2)	$\gamma (\tau \alpha (\tau \beta (r2 \longrightarrow p+1 + \tau p_2 (r2 \longrightarrow p+1 + -))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}({\beta_2}^3)))$
-(3,3,0)(4,3,0)(4,3,0)	. (, = (, p (= ///
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}({\psi_{\beta}({\beta_2}^{\omega})}))$
-(3,3,0)(4,3,0)(5,0,0)	
(0,0,0)(1,1,1)(2,2,2)-(3,3,0)(4,3,0)(5,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}({\beta_2}^{\beta_2})))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(4,4,0)	$\psi(\psi_{lpha}(\psi_{eta}(arepsilon_{eta+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,3,0)(4,4,1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}) + \Omega_{\alpha+1} \cdot \omega))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}) + \psi_{\alpha_2}(\psi_{\beta}(\Omega_{\beta_2+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(2,2,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1})+\alpha_2))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(\Omega_{eta_2+1})+\psi_{eta}(eta_2)))$
-(3,3,1)(2,2,2)(3,3,0)	$\Psi(\Psi\alpha(\Psi\beta(2\beta_2+1) + \Psi\beta(P2J)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1})\cdot 2+$
-(3,3,1)(2,2,2)(3,3,1)	$\psi_{\alpha_2}(\psi_{\beta}(\Omega_{\beta_2+1})\cdot 2+1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(\Omega_{eta_2+1}+eta)))$
-(3,3,1)(3,2,0)(4,3,0)	$\Psi(\Psi\alpha(\Psi\beta) \circ \beta_2 + 1 + P)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,2,1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+\Omega_{\beta+1})+$
(*,*,*,*,*,*,*,*,*,*,*,*,*,*,*,*,*,*,*,	$\psi_{\alpha_2}(\psi_{\beta}(\Omega_{\beta_2+1}+\Omega_{\beta+1})+1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_{2}+1}+lpha_{eta+1}\cdot\omega)))$
-(3,3,1)(3,2,1)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(u^{\mu}\beta_{2}+1 + \alpha\beta+1 \cdot \omega)))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)- -(3,3,1)(3,2,1)(4,3,2)(5,4,0)	$\psi(\psi_{lpha}(\psi_{eta}(\Omega_{eta_2+1}+\psi_{eta_2}(eta_2))))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,2,2) \right $	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+\psi_{\beta_2}(\Omega_{\beta_2+1}+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,2,2)(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+\psi_{\beta_2}(\Omega_{\beta_2+1}+1)+\beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1) - (3,2,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+\psi_{\beta_2}(\Omega_{\beta_2+1}+2))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_{2}+1}+\psi_{\beta_{2}}(\Omega_{\beta_{2}+1}+\beta))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,2,2)(4,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+\psi_{\beta_2}(\Omega_{\beta_2+1}+\alpha_{\beta+1}+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,2,2)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+\psi_{\beta_2}(\Omega_{\beta_2+1}+\psi_{\beta_2}(\beta_2)))))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,3,0) \right $	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+\beta_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,3,0)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+\beta_2\cdot 2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,3,0)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+{\beta_2}^2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,3,0)(4,4,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}+\varepsilon_{\beta_2+1})))$
$ \left (0,0,0)(1,1,1)(2,2,2)(3,3,1)(3,3,1) \right $	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_2+1}\cdot 2)+\psi_{\alpha_2}(\psi_{\beta}(\Omega_{\beta_2+1}\cdot 2)+1)))$
	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\alpha_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(4,4,2)(5,4,0)(4,4,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\alpha_{\beta+1}\cdot\omega)^2))$
(0,0,0)(1,1,1)(2,2,2)-(3,3,1)(4,4,2)(5,4,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\alpha_{\beta+1}\cdot\omega^2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1) - (4,4,2)(5,4,2)(6,4,0)(5,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{2}+1}+\alpha_{\beta+1}\cdot\beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,1)(4,4,2)(5,4,2)(6,4,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{2}+1}+\alpha_{\beta+1}^{2}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,3,1)(4,4,2)(5,5,0)$	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta_2+1}+\psi_{eta_2}(eta_2))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\psi_{\beta_2}(\Omega_{\beta_2+1}))+$
-(3,3,1)(4,4,2)(5,5,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta_2+1}+\psi_{\beta_2}(\Omega_{\beta_2+1}))+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\psi_{\beta_2}(\alpha_{\beta_2+1}+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(2,2,2)(3,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\psi_{\beta_2}(\alpha_{\beta_2+1}+1))\cdot 2))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)- $-(3,3,2)(3,2,0)(4,3,0)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\psi_{\beta_2}(\alpha_{\beta_2+1}+1)+\beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\psi_{\beta_2}(\alpha_{\beta_2+1}+2))))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,3,2)(3,2,2)(4,2,0)(3,0,0)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\psi_{\beta_2}(\alpha_{\beta_2+1}+\beta))))$
(0,0,0)(1,1,1)(2,2,2) - (3,3,2)(3,2,2)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\psi_{\beta_2}(\alpha_{\beta_2+1}+\psi_{\beta_2}(\beta_2)))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(3,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\beta_2)))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,3,2)(3,3,0)(4,4,0)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\varepsilon_{\beta_2+1})))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(3,3,1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}+\Omega_{\beta_2+1})+$
(0,0,0)(1,1,1)(2,2,2)(0,0,2)(0,0,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta_2+1}+\Omega_{\beta_2+1})+1)))$
(0,0,0)(1,1,1)(2,2,2) - (3,3,2)(3,3,1)(4,4,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{2}+1}\cdot 2 + \alpha_{\beta+1}\cdot \omega)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(3,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot 2+\psi_{\beta_2}(\alpha_{\beta_2+1}\cdot 2+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2) - (3,2,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2) - (4,2,0)(3,2,0)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta+\beta)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta+\Omega_{\beta+1})+$
-(3,3,2)(4,2,0)(3,2,1)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta+\Omega_{\beta+1})+1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2) - (4,2,0)(3,2,1)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{2}+1}\cdot\beta+\varepsilon_{\Omega_{\beta+1}+1})))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,3,2)(4,2,0)(3,2,1)(4,3,2)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{2}+1}\cdot\beta+\alpha_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2) - (3,3,2)(4,2,0)(3,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{2}+1}\cdot\beta+\psi_{\beta_{2}}(\alpha_{\beta_{2}+1}\cdot\beta+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)- $-(4,2,0)(3,2,2)(4,3,0)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta+\psi_{\beta_2}(\alpha_{\beta_2+1}\cdot\beta+\psi_{\beta_2}(\beta_2)))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{2}+1}\cdot\beta+\psi_{\beta_{2}}(\alpha_{\beta_{2}+1}\cdot\beta+$
-(4,2,0)(3,2,2)(4,3,1)(5,4,2)	$\psi_{\psi_{\beta}(\alpha_{\beta_2+1})}(\psi_{\beta}(\alpha_{\beta_2+1}+\alpha_{\beta+1}\cdot\omega))))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta+$
-(4,2,0)(3,2,2)(4,3,2)	$\psi_{\beta_2}(\alpha_{\beta_2+1}\cdot\beta+\psi_{\beta_2}(\alpha_{\beta_2+1})))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta+$
-(4,2,0)(3,2,2)(4,3,2)(5,2,0)(3,0,0)	$\psi_{\beta_2}(\alpha_{\beta_2+1}\cdot\beta+\psi_{\beta_2}(\alpha_{\beta_2+1}\cdot\beta)))))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)- $-(3,3,2)(4,2,0)(3,3,0)$	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta_2+1}\cdoteta+eta_2)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta+\Omega_{\beta_2+1})+$
-(3,3,2)(4,2,0)(3,3,1)	, , , , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)-	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta+\Omega_{\beta_2+1})+1)))$
-(3,3,2)(4,2,0)(3,3,1)(4,4,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot(\beta+1)+\alpha_{\beta+1}\cdot\omega)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot(\beta+1)+$
-(3,3,2)(4,2,0)(3,3,2)	, , , , , , , , , , , , , , , , , ,
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	$\psi_{\beta_2}(\alpha_{\beta_2+1}\cdot(\beta+1)+1))))$
-(4,2,0)(3,3,2)(4,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta\cdot2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	
$\begin{array}{c} (0,0,0)(11,11)(2,2,2)(0,0,2) \\ -(4,2,0)(4,2,0)(3,0,0) \end{array}$	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta^2)))$
()	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\Omega_{\beta+1})+$
$ \left \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,2,1) \end{array} \right $	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\Omega_{\beta+1})+1)))$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,3,2)(4,2,1)(5,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{2}+1}\cdot\alpha_{\beta+1}+\alpha_{\beta+1}\cdot\omega)))$
	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot \alpha_{\beta+1}+$
$ \left \begin{array}{c} (0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,2,2) \\ \end{array} \right $	$\psi_{eta_2}(lpha_{eta_2+1}\cdotlpha_{eta+1}+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{2}+1}\cdot\alpha_{\beta+1}\cdot2+$
-(4,2,2)(3,3,2)(4,2,2)	$\psi_{\beta_2}(\alpha_{\beta_2+1}\cdot\alpha_{\beta+1}\cdot 2+1))))$
(0,0,0)(1,1,1)(2,2,2)-	
-(3,3,2)(4,2,2)(5,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\psi_{\beta_2}(\beta_2))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,3,0)	$\psi(\psi_{lpha}(\psi_{eta}(lpha_{eta_2+1}\cdoteta_2)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\beta_2\cdot 2)))$
-(3,3,2)(4,3,0)(3,3,2)(4,3,0)	
$ \left (0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,3,1) \right $	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\Omega_{\beta_2+1})+$
(0.0.0)(1.1.1)(0.0.0)	$\psi_{\alpha_2}(\psi_{\beta}(\alpha_{\beta_2+1}\cdot\Omega_{\beta_2+1})+1)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}^2 + \alpha_{\beta+1} \cdot \omega)))$
-(3,3,2)(4,3,1)(5,4,2)	
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}^2 + \psi_{\beta_2}(\alpha_{\beta_2+1}^2 + 1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_2+1}^2 \cdot 2 + \psi_{\beta_2}(\alpha_{\beta_2+1}^2 \cdot 2 + 1))))$
-(4,3,2)(3,3,2)(4,3,2)	$= (\neg \alpha (\tau \rho (\neg \rho_2 + 1 - \tau \rho_2 (\neg \rho_2 + 1 - \tau \rho_2$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}({lpha_{eta_2+1}}^\omega)))$
-(3,3,2)(4,3,2)(5,0,0)	
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,4,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_3)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_3 + \psi_{\beta_3}(\beta_3))))$
-(4,4,0)(3,3,2)(4,4,0)	

BMS	投影
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(\psi_eta(eta_3\cdot 2)))$
-(3,3,2)(4,4,0)(4,4,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_3 \cdot z)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	$\psi(\psi_lpha(\psi_eta(eta_3\cdoteta)))$
-(4,4,0)(5,2,0)(3,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\rho_3 \cdot \rho)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_3 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_3 \cdot \alpha_{\beta+1} + 1))))$
-(3,3,2)(4,4,0)(5,2,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_3 \cdot \alpha_{\beta+1} + \psi_{\beta_2}(\beta_3 \cdot \alpha_{\beta+1} + 1))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(eta_3\cdot\psi_{eta_2}(eta_2))))$
-(3,3,2)(4,4,0)(5,2,2)(6,3,0)	$\Psi(\Psi\alpha(\Psi\beta(P3 + \Psi\beta_2(P2))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)-	$\psi(\psi_lpha(\psi_eta(eta_3\cdot\psi_{eta_2}(eta_3))))$
-(4,4,0)(5,2,2)(6,3,2)(7,4,0)	$\Psi(\Psi\alpha(\Psi\beta(P3-\Psi\beta_2(P3))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(\psi_eta(eta_3\cdoteta_2)))$
-(3,3,2)(4,4,0)(5,3,0)	$\Psi(\Psi\alpha(\Psi\beta(P3-P2)))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_3 \cdot \alpha_{\beta_2+1} + \psi_{\beta_2}(\beta_3 \cdot \alpha_{\beta_2+1} + 1))))$
-(3,3,2)(4,4,0)(5,3,2)	$\varphi(\varphi\alpha(\varphi)(\beta_3 \ \alpha_{\beta_2+1} \ \ \varphi_{\beta_2}(\beta_3 \ \alpha_{\beta_2+1} \ \ 1))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}({\psi_{eta}(eta_3}^2)))$
-(3,3,2)(4,4,0)(5,4,0)	Ψ (Ψα(Ψρ(Ρδ)))
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_3+1}+\alpha_{\beta+1}\cdot\omega)))$
-(3,3,2)(4,4,1)(5,5,2)	$\varphi (\varphi \alpha (\varphi \beta (\infty \beta 3 + 1 + \infty \beta + 1 + \infty)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,4,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_3+1}+\psi_{\beta_2}(\alpha_{\beta_3+1}+1))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,3)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_{\omega})))$
(0,0,0)(1,1,1)(2,2,2)(3,3,3)-	$\psi(\psi_lpha(\psi_eta(eta_\omega+\psi_{eta_2}(eta_\omega))))$
-(3,2,1)(4,3,2)(5,4,3)	$\varphi(\varphi\alpha(\varphi\rho(P\omega + \varphi\rho_2(P\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,3)(3,3,0)	$\psi(\psi_lpha(\psi_eta(eta_\omega+eta_2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,3)(3,3,3)	$\psi(\psi_lpha(\psi_eta(eta_\omega\cdot 2)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,3)(4,3,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\beta_{\omega}\cdot\beta_{2})))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(\psi_eta(eta_\omega^{2})))$
-(3,3,3)(4,3,0)(3,3,3)	τ (τα(τρ(νω //)
(0,0,0)(1,1,1)(2,2,2)(3,3,3)(4,3,1)	$\psi(\psi_{\alpha}(\psi_{\beta}(\Omega_{\beta_{\omega}+1}) + \psi_{\alpha_{2}}(\psi_{\beta}(\Omega_{\beta_{\omega}+1}) + 1)))$
(0,0,0)(1,1,1)(2,2,2)(3,3,3)(4,3,2)	$\psi(\psi_{\alpha}(\psi_{\beta}(\alpha_{\beta_{\omega}+1}+\psi_{\beta_{2}}(\alpha_{\beta_{\omega}+1}+1))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_lpha(\psi_eta(eta_{\omega \cdot 2})))$
-(3,3,3)(4,3,2)(5,4,3)	Ψ(Ψα(Ψβ(Ρω·2)))
(0,0,0)(1,1,1)(2,2,2)(3,3,3)(4,3,3)	$\psi(\psi_lpha(\psi_eta(eta_{\omega^2})))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{eta}(\psi_{\gamma}(eta_{\gamma+1}\cdot\gamma))))$
-(3,3,3)(4,3,3)(5,3,0)(4,0,0)	$\Psi(\Psi\alpha(\Psi\beta(\Psi\gamma(P\gamma+1 \cdot \gamma))))$
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{lpha}(\psi_{eta}(\psi_{\gamma}(eta_{\gamma+1}\cdot\Omega_{\gamma+1}))+$
-(3,3,3)(4,3,3)(5,3,1)	$\psi_{\alpha_2}(\psi_{\gamma}(\beta_{\gamma+1}\cdot\Omega_{\gamma+1})+1)))$

BMS	投影
(0,0,0)(1,1,1)(2,2,2)-	$\psi(\psi_{\alpha}(\psi_{\beta}(\psi_{\gamma}(\beta_{\gamma+1}\cdot\alpha_{\gamma+1})+$
-(3,3,3)(4,3,3)(5,3,2)	$\psi_{\beta_2}(\psi_{\gamma}(\beta_{\gamma+1}\cdot\alpha_{\gamma+1})+1))))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,3,3)(4,3,3)(5,3,3)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\psi_{\gamma}(\beta_{\gamma+1}^2\cdot\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,3)(4,4,0)	$\psi(\psi_{lpha}(\psi_{eta}(\psi_{\gamma}(\gamma_2))))$
(0,0,0)(1,1,1)(2,2,2)- $-(3,3,3)(4,4,3)$	$\psi(\psi_{\alpha}(\psi_{\beta}(\psi_{\gamma}(\beta_{\gamma_{2}+1}+\psi_{\gamma_{2}}(\beta_{\gamma_{2}+1}+1)))))$
(0,0,0)(1,1,1)(2,2,2) - (3,3,3)(4,4,3)(5,0,0)	$\psi(\psi_{\alpha}(\psi_{\beta}(\psi_{\gamma}(\beta_{\gamma_{2}+1}\cdot\omega))))$
(0,0,0)(1,1,1)(2,2,2)(3,3,3)(4,4,4)	$\psi(\psi_{lpha}(\psi_{eta}(\psi_{\gamma}(\gamma_{\omega}))))$
(0,0,0,0)(1,1,1,1)	$\psi(\omega - P) = \psi(\psi_S(\sigma_S \cdot \omega))$

A.18 BMS vs 高阶投影 (Error_Bug.ver)

本节的结果主要引自 Error_Bug 的分析。

BMS	投影
(0,0,0,0)(1,1,1,1)	$\psi(a(\omega;0))$
(0,0,0,0)(1,1,1,1)(1,0,0,0)	$\psi(a(\omega;0)+1)$
(0,0,0,0)(1,1,1,1)(1,1,0,0)	$\psi(a(\omega;0)+\Omega)$
(0,0,0,0)(1,1,1,1)(1,1,1,0)	$\psi(a(\omega;0) + \Omega_{\omega})$
(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,2,1)	$\psi(a(\omega;0) + \psi_a(a(\omega;0)))$
(0,0,0,0)(1,1,1,1)(1,1,1,0)- $-(2,2,2,1)(2,2,2,0)$	$\psi(a(\omega;0)+a_{\omega})$
(0,0,0,0)(1,1,1,1)(1,1,1,1)	$\psi(a(\omega;0)\cdot 2)$
(0,0,0,0)(1,1,1,1)(2,0,0,0)	$\psi(a(\omega;0)\cdot\omega)$
(0,0,0,0)(1,1,1,1)(2,1,0,0)	$\psi(a(\omega;0)\cdot\Omega)$
(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0)	$\psi(a(\omega;0)\cdot\Omega_{\omega})$
(0,0,0,0)(1,1,1,1)(2,1,0,0)- $-(1,1,1,0)(2,2,2,1)(3,2,0,0)$	$\psi(a(\omega;0)\cdot\psi_a(a(\omega;0)))$
(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0)(2,2,2,1)(3,2,0,0)(2,2,2)	$\psi(a(\omega;0)\cdot a_{\omega})$
(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,1)	$\psi(a(\omega;0)^2)$

BMS	投影
(0,0,0,0)(1,1,1,1)(2,1,0,0)- $-(2,1,0,0)(1,1,1,1)$	$\psi(a(\omega;0)^3)$
(0,0,0,0)(1,1,1,1)(2,1,0,0)(3,0,0,0)	$\psi(a(\omega;0)^\omega)$
(0,0,0,0)(1,1,1,1)(2,1,0,0) - (3,1,0,0)(1,1,1,1)	$\psi(a(\omega;0)^{a(\omega;0)})$
(0,0,0,0)(1,1,1,1)(2,1,0,0)(3,2,0,0)	$\psi(\psi_{\Omega_{a(\omega;0)+1}}(\Omega_{a(\omega;0)+1}))$
(0,0,0,0)(1,1,1,1)(2,1,0,0)(3,2,1,0)	$\psi(\psi_{\Omega_{a(\omega;0)+1}}(\Omega_{a(\omega;0)+\omega}))$
(0,0,0,0)(1,1,1,1)(2,1,0,0)- $-(3,2,1,0)(4,3,2,0)$	$\psi(\psi_{\Omega_{a(\omega;0)+1}}(a_{a(\omega;0)+\omega}))$
(0,0,0,0)(1,1,1,1)(2,1,0,0)(3,2,1,1)	$\psi(\psi_{\Omega_{a(\omega;0)+1}}(a(\omega;1)))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)	$\psi(\psi_a(\Omega_{a(\omega;0)+1}\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)- $-(1,1,1,0)(2,2,2,1)(3,2,2,0)$	$\psi(\psi_a(\psi_b(a_{a(\omega;0)+1}\cdot\omega)))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1)	$\psi(a(\omega;1)))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)- $-(2,1,1,0)(1,1,1,1)$	$\psi(a(\omega;2)))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,0,0,0)	$\psi(a(\omega;\omega)))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,1,0,0)	$\psi(a(\omega;\Omega)))$
(0,0,0,0)(1,1,1,1)(2,1,1,0) - (3,1,0,0)(1,1,1,0)(2,2,2,1)(3,2,2,0)	$\psi(a(\omega;a_\omega)))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)- $-(3,1,0,0)(1,1,1,1)$	$\psi(a(\omega;a(\omega;0))))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)-	$\psi(\psi_{a(\omega+1;0)}(a(\omega;a(\omega+1;0)+1)$
-(3,1,0,0)(2,0,0,0)	$\cdot a(\omega+1;0))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,1,1,0)	$\psi(\psi_{a(\omega+1;0)}(a(\omega;a(\omega+1;0)+1)^2\cdot\omega)$
(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,0,0)	$\psi(\psi_{a(\omega+1;0)}(\varepsilon_{a(\omega;a(\omega+1;0)+1)+1})$
(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0)	$\psi(\psi_{a(\omega+1;0)}(\Omega_{a(\omega;a(\omega+1;0)+1)+1}\cdot\omega)$
(0,0,0,0)(1,1,1,1)(2,1,1,0)- $-(3,2,1,0)(1,1,1,1)$	$\psi(\psi_{a(\omega+1;0)}(a(\omega;a(\omega+1;0)+2))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)- $-(3,2,1,0)(4,0,0,0)$	$\psi(\psi_{a(\omega+1;0)}(a(\omega;a(\omega+1;0)+\omega))$
(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,2,0)	$\psi(\psi_{a(\omega+1;0)}(a(\omega+1;\omega))$
(0,0,0,0)(1,1,1,1)(2,1,1)(3,2,2,1)	$\psi(a(\omega\cdot 2;0))$

BMS	投影
(0,0,0,0)(1,1,1,1)(2,1,1,1)	$\psi(a(\omega^2;0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)- $-(1,1,1,1)(2,1,1,1)$	$\psi(a(\omega^2;0)\cdot 2)$
(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,0)	$\psi(\psi_a(\Omega_{a(\omega^2;0)+1}\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)- $-(2,1,1,0)(3,2,2,0)$	$\psi(a(\omega^2+1;\omega))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)- $-(2,1,1,0)(3,2,2,1)$	$\psi(a(\omega^2 + \omega; 0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)- $-(2,1,1,0)(3,2,2,1)(4,2,2,1)$	$\psi(a(\omega^2 \cdot 2; 0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,1)	$\psi(a(\omega^3;0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,0,0,0)	$\psi(a(\omega^{\omega};0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,0,0)	$\psi(a(\Omega;0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)- $-(3,1,0,0)(1,1,1,1)$	$\psi(a(a(\omega;0);0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)- $-(3,1,0,0)(1,1,1,1)(2,1,1,1)$	$\psi(a(a(\omega^2;0);0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,0,0) - (1,1,1,1)(2,1,1,1)(3,1,0,0)	$\psi(a(a(\Omega;0);0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1) - $(3,1,0,0)(2,0,0,0)$	$\psi(a(1,0;0))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,1,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;0)\cdot\Omega_{a(1;0;0)+1}\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,1,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;0)^2 \cdot \omega))$
(0,0,0,0)(1,1,1,1)(2,2,0,0)	$\psi(\psi_{a(1;0;0)}(\varepsilon_{a(1;1;0)+1}))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)	$\psi(\psi_{a(1;0;0)}(\Omega_{a(1;1;0)+1}\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(2,0,0,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1) + \psi_{a(1;0;1)}(a(1;1;1) + 1)))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(2,1,1,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;1) + \psi_{a(1;0;1)}(a(1;1;1) + \omega)))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(2,2,0,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1) + a(1;0;1)))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(2,2,1,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1) + \Omega_{a(1;0;1)+1} \cdot \omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(3,0,0,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1) + \psi_{a(1;0;2)}(a(1;1;1) + 1)))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(3,1,1,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;1) + \psi_{a(1;0;2)}(a(1;1;1) + \psi_{a(1;0;1)}(a(1;1;1) + 1)))??$

BMS	投影
(0,0,0,0)(1,1,1,1)(2,2,1,0)(3,2,0,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1)+$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(0,2,0,0)	$\psi_{a(1;0;2)}(a(1;1;1) + a(1;0;1))))$
$ \left \begin{array}{c} (0,0,0,0)(1,1,1,1)(2,2,1,0)(3,2,1,0) \end{array} \right $	$\psi(\psi_{a(1;0;0)}(a(1;1;1)+$
	$\psi_{a(1;0;2)}(a(1;1;1) + \Omega_{a(1;0;1)+1} \cdot \omega)))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(3,3,0,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1)+a(1;0;2)))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(3,3,1,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1) + \Omega_{a(1;0;2)+1} \cdot \omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(3,3,2,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1) + a(1;1;0) +$
	$\psi_{a(1;0;1)}(a(1;1;1) + a(1;1;0) + 1))))$
(0,0,0,0)(1,1,1,1)(2,2,1,0)(3,3,2,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;1) + a(1;1;0) \cdot \omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;1)\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(2,1,1,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;1)\cdot\omega^2))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(2,2,0,0)	$\psi(\psi_{a(1;0;0)}(\varepsilon_{a(1;1;1)+1}))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(2,2,1,0)	$\psi(\psi_{a(1;0;0)}(\Omega_{a(1;1;1)+1}\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(2,2,1,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;2)\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,0,0,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;\omega)))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,1,0,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;\Omega)))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,1,1,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;\Omega_{a(1;0;0)+1})\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,1,1,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;a(1;1;0))\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,2,0,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1,0)\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,2,1,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1,_(1;0)\omega)))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,2,1,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;1,_(1;1;0)\omega)))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,3,0,0)	$\psi(\psi_{a(1;0;0)}(a(1;1;1,_(1;1;0),0)))$
(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,3,1,1)	$\psi(\psi_{a(1;0;0)}(a(1;1;1,_(1;1;0),_(1;1;0)0)))$
(0,0,0,0)(1,1,1,1)(2,2,2,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(1;2;0)}(a(1;2;\omega))))$
(0,0,0,0)(1,1,1,1)(2,2,2,0)(3,3,3,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(1;2;0)}(\psi_{a(1;3;0)}(a(1;3;\omega)))))$
(0,0,0,0)(1,1,1,1)(2,2,2,0)(3,3,3,1)	$\psi(\psi_{a(1;0;0)}(\psi_{a(1;2;0)}(\psi_{a(2;0;0)}(a(2;1;0)\cdot\omega))))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)	$\psi(\psi_{a(1;0;0)}(a(1;2;0)\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(2,2,2,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(1;3;0)}(a(1;3;\omega))))$

BMS	投影
(0,0,0,0)(1,1,1,1)(2,2,2,1)(2,2,2,1)	$\psi(\psi_{a(1;0;0)}(a(1;3;0)\cdot\omega))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,0,0,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(a(2;1;0)\cdot\omega)))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,1,1,1)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(a(2;1;0)\cdot a(1;1;0)\cdot \omega)))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,2,0,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(a(2;1;0)\cdot a(2;0;0))))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,2,1,1)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(a(2;1;0)\cdot a(1;1;a(2;0;0)+1)\cdot\omega)))?$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,2,2,1)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(a(2;1;0)^2 \cdot \omega)))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,3,0,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(\varepsilon_{a(2;1;0)+1})))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,3,1,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(\Omega_{a(2;1;0)+1}\cdot\omega)))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,3,1,1)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(a(1;1;a(2;1;0)+1)\cdot\omega)))?$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,3,2,1)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(a(2;1;1)\cdot\omega)))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,3,2,1)(4,0,0,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(a(2;1;\omega))))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,3,3,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(\psi_{a(2;2;0)}(a(2;2;\omega)))))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,3,3,1)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(a(2;2;0)\cdot\omega)))$
(0,0,0,0)(1,1,1,1)(2,2,2,1)(3,3,3,1)(4,0,0,0)	$\psi(\psi_{a(1;0;0)}(\psi_{a(2;0;0)}(\psi_{a(3;0;0)}(a(3;1;0)\cdot\omega))))$
(0,0,0,0)(1,1,1,1)(2,2,2,2)	$\psi(a(\omega;0;0))$
(0,0,0,0)(1,1,1,1)(2,2,2,2)(3,2,2,2)	$\psi(a(\omega^2;0;0))$
(0,0,0,0)(1,1,1,1)(2,2,2,2)(3,3,0,0)	$\psi(\psi_{a(1;0;0;0)}(\varepsilon_{a(1;1;0;0)+1}))$
(0,0,0,0)(1,1,1,1)(2,2,2,2)(3,3,2,2)	$\psi(\psi_{a(1;0;0;0)}(a(1;1;0;1)\cdot\omega))?$
(0,0,0,0)(1,1,1,1)(2,2,2,2)(3,3,3,0)	$\psi(\psi_{a(1;0;0;0)}(\psi_{a(1;1;1;0)}(a(1;1;1;\omega))))$
(0,0,0,0)(1,1,1,1)(2,2,2,2)(3,3,3,2)	$\psi(\psi_{a(1;0;0;0)}(a(1;2;0;0)\cdot\omega))?$
(0,0,0,0)(1,1,1,1)(2,2,2,2)(3,3,3,3)	$\psi(a(\omega;0;0;0))$
(0,0,0,0,0)(1,1,1,1,1)	$\psi(a(1;@\omega))$
(0,0,0,0,0)(1,1,1,1,1)(2,1,1,1,1)	$\psi(a(1;@\omega^2))$
(0,0,0,0,0)(1,1,1,1,1)(2,2,0,0,0)	$\psi(\psi_{a(1;@(1;0))}(\varepsilon_{a(1;@(1;1))+1}))$
(0,0,0,0,0)(1,1,1,1,1)(2,2,1,1,1)	$\psi(\psi_{a(1;@(1;0))}(a(1;@(1;1);1;@0)\cdot\omega))?$

BMS	投影
(0,0,0,0,0)(1,1,1,1,1)(2,2,2,0,0)	$\psi(\psi_{a(1;@(1;0))}(\psi_{a(2;@(1;1))}(a(2;@(1;1);\omega;@0))))?$
(0,0,0,0,0)(1,1,1,1,1)(2,2,2,1,1)	$\psi(\psi_{a(1;@(1;0))}(a(2;@(1;1))\cdot\omega))$
(0,0,0,0,0)(1,1,1,1,1)(2,2,2,2,0)	$\psi(\psi_{a(1;@(1;0))}(\psi_{a(1;@(1;2))}(a(\omega;@(1;2)))))$
(0,0,0,0,0)(1,1,1,1,1)(2,2,2,2,1)	$\psi(\psi_{a(1;@(1;0))}(a(1;@(1;2))\cdot\omega))$
(0,0,0,0,0)(1,1,1,1,1)(2,2,2,2,2)	$\psi(a(1; @(1; \omega)))$
(0,0,0,0,0,0,0)(1,1,1,1,1,1)	$\psi(a(1; @(\omega; 0)))$
(0,0,0,0,0,0,0)(1,1,1,1,1,1,1)	$\psi(a(1;@(1;@\omega)))$
(0,0,0,0,0,0,0,0)(1,1,1,1,1,1,1,1,1)	$\psi(a(1; @(1; @(\omega; 0))))$

A.19 0-Y vs BMS

本节的结果主要引自[2]。

0-Y序列	BMS
1	(0)
1,1	(0)(0)
1,1,1	(0)(0)(0)
1,1,1,1	(0)(0)(0)(0)
1,2	(0)(1)
1,2,1	(0)(1)(0)
1,2,1,1	(0)(1)(0)(0)
1,2,1,2	(0)(1)(0)(1)
1,2,1,2,1	(0)(1)(0)(1)(0)
1,2,1,2,1,2	(0)(1)(0)(1)(0)(1)
1,2,2	(0)(1)(1)
1,2,2,1	(0)(1)(1)(0)
1,2,2,1,2	(0)(1)(1)(0)(1)
1,2,2,1,2,2	(0)(1)(1)(0)(1)(1)

0-Y 序列	BMS
1,2,2,2	(0)(1)(1)(1)
1,2,2,2,2	(0)(1)(1)(1)(1)
1,2,3	(0)(1)(2)
1,2,3,1	(0)(1)(2)(0)
1,2,3,1,2	(0)(1)(2)(0)(1)
1,2,3,1,2,3	(0)(1)(2)(0)(1)(2)
1,2,3,2	(0)(1)(2)(1)
1,2,3,2,2	(0)(1)(2)(1)(1)
1,2,3,2,3	(0)(1)(2)(1)(2)
1,2,3,2,3,2	(0)(1)(2)(1)(2)(1)
1,2,3,2,3,2,3	(0)(1)(2)(1)(2)(1)(2)
1,2,3,3	(0)(1)(2)(2)
1,2,3,3,2	(0)(1)(2)(2)(1)
1,2,3,3,2,3	(0)(1)(2)(2)(1)(2)
1,2,3,3,2,3,3	(0)(1)(2)(2)(1)(2)(2)
1,2,3,3,3	(0)(1)(2)(2)(2)
1,2,3,3,3,3	(0)(1)(2)(2)(2)(2)
1,2,3,4	(0)(1)(2)(3)
1,2,3,4,2	(0)(1)(2)(3)(1)
1,2,3,4,2,3,4	(0)(1)(2)(3)(1)(2)(3)
1,2,3,4,3	(0)(1)(2)(3)(2)
1,2,3,4,3,4	(0)(1)(2)(3)(2)(3)
1,2,3,4,4	(0)(1)(2)(3)(3)
1,2,3,4,5	(0)(1)(2)(3)(4)
1,2,3,4,5,4	(0)(1)(2)(3)(4)(3)
1,2,3,4,5,4,5	(0)(1)(2)(3)(4)(3)(4)

0-Y 序列	BMS
1,2,3,4,5,5	(0)(1)(2)(3)(4)(4)
1,2,3,4,5,6	(0)(1)(2)(3)(4)(5)
1,2,3,4,5,6,7	(0)(1)(2)(3)(4)(5)(6)
1,3	(0,0)(1,1)
1,3,1	(0,0)(1,1)(0,0)
1,3,1,2	(0,0)(1,1)(0,0)(1,0)
1,3,1,2,3	(0,0)(1,1)(0,0)(1,0)(2,0)
1,3,1,3	(0,0)(1,1)(0,0)(1,1)
1,3,2	(0,0)(1,1)(1,0)
1,3,2,2	(0,0)(1,1)(1,0)(1,0)
1,3,2,3	(0,0)(1,1)(1,0)(2,0)
1,3,2,4	(0,0)(1,1)(1,0)(2,1)
1,3,2,4,3	(0,0)(1,1)(1,0)(2,1)(2,0)
1,3,2,4,3,5	(0,0)(1,1)(1,0)(2,1)(2,0)(3,1)
1,3,2,4,3,5,4,6	(0,0)(1,1)(1,0)(2,1) - (2,0)(3,1)(3,0)(4,1)
1,3,3	(0,0)(1,1)(1,1)
1,3,3,1,3,3	(0,0)(1,1)(1,1)(0,0)(1,1)(1,1)
1,3,3,2	(0,0)(1,1)(1,1)(1,0)
1,3,3,2,4,4	(0,0)(1,1)(1,1)(1,0)(2,1)(2,1)
1,3,3,2,4,4,3	(0,0)(1,1)(1,1)(1,0)(2,1)(2,1)(2,0)
1,3,3,2,4,4,3,5,5	(0,0)(1,1)(1,1)(1,0)(2,1) - (2,1)(2,0)(3,1)(3,1)
1,3,3,3	(0,0)(1,1)(1,1)(1,1)
1,3,3,3,3	(0,0)(1,1)(1,1)(1,1)(1,1)
1,3,4	(0,0)(1,1)(2,0)
1,3,4,2	(0,0)(1,1)(2,0)(1,0)
1,3,4,2,4,5	(0,0)(1,1)(2,0)(1,0)(2,1)(3,0)

0 – Y 序列	BMS
1,3,4,2,4,5,3	(0,0)(1,1)(2,0)(1,0)(2,1)(3,0)(2,0)
1,3,4,2,4,5,3,5,6	(0,0)(1,1)(2,0)(1,0)(2,1) - (3,0)(2,0)(3,1)(4,0)
1,3,4,3	(0,0)(1,1)(2,0)(1,1)
1,3,4,3,3	(0,0)(1,1)(2,0)(1,1)(1,1)
1,3,4,3,4	(0,0)(1,1)(2,0)(1,1)(2,0)
1,3,4,3,4,3,4	(0,0)(1,1)(2,0)(1,1)(2,0)(1,1)(2,0)
1,3,4,4	(0,0)(1,1)(2,0)(2,0)
1,3,4,4,3,4	(0,0)(1,1)(2,0)(2,0)(1,1)(2,0)
1,3,4,4,3,4,4	(0,0)(1,1)(2,0)(2,0)(1,1)(2,0)(2,0)
1,3,4,4,4	(0,0)(1,1)(2,0)(2,0)(2,0)
1,3,4,4,4	(0,0)(1,1)(2,0)(2,0)(2,0)(2,0)
1,3,4,5	(0,0)(1,1)(2,0)(3,0)
1,3,4,5,6	(0,0)(1,1)(2,0)(3,0)(4,0)
1,3,4,6	(0,0)(1,1)(2,0)(3,1)
1,3,4,6,6	(0,0)(1,1)(2,0)(3,1)(3,1)
1,3,4,6,7	(0,0)(1,1)(2,0)(3,1)(4,0)
1,3,4,6,7,9	(0,0)(1,1)(2,0)(3,1)(4,0)(5,1)
1,3,5	(0,0)(1,1)(2,1)
1,3,5,2	(0,0)(1,1)(2,1)(1,0)
1,3,5,2,4,6	(0,0)(1,1)(2,1)(1,0)(2,1)(3,1)
1,3,5,2,4,6,3	(0,0)(1,1)(2,1)(1,0)(2,1)(3,1)(2,0)
1,3,5,2,4,6,3,5,7	(0,0)(1,1)(2,1)(1,0) - (2,1)(3,1)(2,0)(3,1)(4,1)
1,3,5,3	(0,0)(1,1)(2,1)(1,1)
1,3,5,3,4	(0,0)(1,1)(2,1)(1,1)(2,0)
1,3,5,3,4,3	(0,0)(1,1)(2,1)(1,1)(2,0)(1,1)
1,3,5,3,4,3,4	(0,0)(1,1)(2,1)(1,1)(2,0)(1,1)(2,0)

0-Y 序列	BMS
1,3,5,3,4,4	(0,0)(1,1)(2,1)(1,1)(2,0)(2,0)
1,3,5,3,4,5	(0,0)(1,1)(2,1)(1,1)(2,0)(3,0)
1,3,5,3,4,6	(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)
1,3,5,3,4,6,7	(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)(4,0)
1,3,5,3,4,6,7,9	(0,0)(1,1)(2,1)(1,1) - $(2,0)(3,1)(4,0)(5,1)$
1,3,5,3,4,6,8	(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)(4,1)
1,3,5,3,4,6,8,6	(0,0)(1,1)(2,1)(1,1) - $(2,0)(3,1)(4,1)(3,1)$
1,3,5,3,5	(0,0)(1,1)(2,1)(1,1)(2,1)
1,3,5,3,5,3,5	(0,0)(1,1)(2,1)(1,1)(2,1)(1,1)(2,1)
1,3,5,4	(0,0)(1,1)(2,1)(2,0)
1,3,5,4,4	(0,0)(1,1)(2,1)(2,0)(2,0)
1,3,5,4,5	(0,0)(1,1)(2,1)(2,0)(3,0)
1,3,5,4,6	(0,0)(1,1)(2,1)(2,0)(3,1)
1,3,5,4,6,8	(0,0)(1,1)(2,1)(2,0)(3,1)(4,1)
1,3,5,4,6,8,7,9,11	(0,0)(1,1)(2,1)(2,0) - (3,1)(4,1)(4,0)(5,1)(6,1)
1,3,5,5	(0,0)(1,1)(2,1)(2,1)
1,3,5,5,3	(0,0)(1,1)(2,1)(2,1)(1,1)
1,3,5,5,3,4,6,8,8	(0,0)(1,1)(2,1)(2,1)(1,1) - (2,0)(3,1)(4,1)(4,1)
1,3,5,5,3,4,6,8,8,6	(0,0)(1,1)(2,1)(2,1)(1,1) - (2,0)(3,1)(4,1)(4,1)(3,1)
1,3,5,5,3,5	(0,0)(1,1)(2,1)(2,1)(1,1)(2,1)
1,3,5,5,3,5,4,6,8,8	(0,0)(1,1)(2,1)(2,1)(1,1) - (2,1)(2,0)(3,1)(4,1)(4,1)
1,3,5,5,3,5,	(0,0)(1,1)(2,1)(2,1)(1,1)(2,1) -
4,6,8,8,6,8	-(2,0)(3,1)(4,1)(4,1)(3,1)(4,1)
1,3,5,5,3,5,5	(0,0)(1,1)(2,1)(2,1)(1,1)(2,1)(2,1)
1,3,5,5,4	(0,0)(1,1)(2,1)(2,1)(2,0)

0-Y 序列	BMS
1,3,5,5,4,6	(0,0)(1,1)(2,1)(2,1)(2,0)(3,1)
1,3,5,5,4,6,7	(0,0)(1,1)(2,1)(2,1)(2,0)(3,1)(4,0)
1,3,5,5,4,6,8	(0,0)(1,1)(2,1)(2,1)(2,0)(3,1)(4,1)
1,3,5,5,4,6,8,8	(0,0)(1,1)(2,1)(2,1) - (2,0)(3,1)(4,1)(4,1)
1,3,5,5,5	(0,0)(1,1)(2,1)(2,1)(2,1)
1,3,5,5,5,3,5,5,5	(0,0)(1,1)(2,1)(2,1)(2,1) - (1,1)(2,1)(2,1)(2,1)
1,3,5,5,5,4	(0,0)(1,1)(2,1)(2,1)(2,1)(2,0)
1,3,5,5,5,5	(0,0)(1,1)(2,1)(2,1)(2,1)(2,1)
1,3,5,6	(0,0)(1,1)(2,1)(3,0)
1,3,5,6,2	(0,0)(1,1)(2,1)(3,0)(1,0)
1,3,5,6,2,4,6,7,3	(0,0)(1,1)(2,1)(3,0)(1,0) - (2,1)(3,1)(4,0)(2,0)
1,3,5,6,3	(0,0)(1,1)(2,1)(3,0)(1,1)
1,3,5,6,3,5,6	(0,0)(1,1)(2,1)(3,0)(1,1)(2,1)(3,0)
1,3,5,6,4	(0,0)(1,1)(2,1)(3,0)(2,0)
1,3,5,6,4,6,8,9	(0,0)(1,1)(2,1)(3,0) - $(2,0)(3,1)(4,1)(5,0)$
1,3,5,6,5	(0,0)(1,1)(2,1)(3,0)(2,1)
1,3,5,6,5,3,5,6	(0,0)(1,1)(2,1)(3,0) - (2,1)(1,1)(2,1)(3,0)
1,3,5,6,5,3,5,6,5	(0,0)(1,1)(2,1)(3,0)(2,1) - (1,1)(2,1)(3,0)(2,1)
1,3,5,6,5,5	(0,0)(1,1)(2,1)(3,0)(2,1)(2,1)
1,3,5,6,5,6	(0,0)(1,1)(2,1)(3,0)(2,1)(3,0)
1,3,5,6,6	(0,0)(1,1)(2,1)(3,0)(3,0)
1,3,5,6,7	(0,0)(1,1)(2,1)(3,0)(4,0)
1,3,5,6,7,4	(0,0)(1,1)(2,1)(3,0)(4,0)(2,0)
1,3,5,6,8	(0,0)(1,1)(2,1)(3,0)(4,1)

0-Y 序列	BMS
1,3,5,6,8,5	(0,0)(1,1)(2,1)(3,0)(4,1)(2,1)
1,3,5,6,8,5,2,4	(0,0)(1,1)(2,1)(3,0) -
, , , , , , ,	- (4,1)(2,1)(1,0)(2,1)
1,3,5,6,8,5,3,5,6,8	(0,0)(1,1)(2,1)(3,0)(4,1) -
	$ \begin{array}{c} -(2,1)(1,1)(2,1)(3,0)(4,1) \\ \hline (0,0)(1,1)(2,1)(3,0)(4,1) - \end{array} $
1,3,5,6,8,6,3,5,6,8	- (3,0)(1,1)(2,1)(3,0)(4,1)
1,3,5,6,8,8	(0,0)(1,1)(2,1)(3,0)(4,1)(4,1)
1,3,5,6,8,8,8	(0,0)(1,1)(2,1)(3,0)(4,1)(4,1)(4,1)
1,3,5,6,8,9	(0,0)(1,1)(2,1)(3,0)(4,1)(5,0)
1,3,5,6,8,9,3,5,6,8	(0,0)(1,1)(2,1)(3,0)(4,1) -
1,5,5,0,0,5,5,5,0,0	- (5,0)(1,1)(2,1)(3,0)(4,1)
1,3,5,6,8,10	(0,0)(1,1)(2,1)(3,0)(4,1)(5,1)
1,3,5,6,8,10,8,9,11,13	(0,0)(1,1)(2,1)(3,0)(4,1) -
1,0,0,0,0,10,0,0,11,10	- (5,1)(4,1)(5,0)(6,1)(7,1)
1,3,5,6,8,10,10	(0,0)(1,1)(2,1)(3,0)(4,1)(5,1)(5,1)
1,3,5,6,8,10,11	(0,0)(1,1)(2,1)(3,0)(4,1)(5,1)(6,0)
1,3,5,6,8,10,11,11	(0,0)(1,1)(2,1)(3,0) -
, , , , , , ,	- (4,1)(5,1)(6,0)(6,0)
1,3,5,6,8,10,11,13	(0,0)(1,1)(2,1)(3,0) -
	$ \begin{array}{c} -(4,1)(5,1)(6,0)(7,1) \\ (0,0)(1,1)(2,1)(3,0)(4,1) - \end{array} $
1,3,5,6,8,10,11,13,15	-(5,1)(6,0)(7,1)(8,1)
1,3,5,7	(0,0)(1,1)(2,1)(3,1)
1,3,5,7,2	(0,0)(1,1)(2,1)(3,1)(1,0)
1,3,5,7,2,2	(0,0)(1,1)(2,1)(3,1)(1,0)(1,0)
1,3,5,7,2,3	(0,0)(1,1)(2,1)(3,1)(1,0)(2,0)
1,3,5,7,2,4	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)
1,3,5,7,2,4,5	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)(3,0)
1,3,5,7,2,4,5,7	(0,0)(1,1)(2,1)(3,1) - $(1,0)(2,1)(3,0)(4,1)$
1,3,5,7,2,4,6	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)(3,1)

0-Y 序列	BMS
1,3,5,7,2,4,6,7	(0,0)(1,1)(2,1)(3,1) -
	-(1,0)(2,1)(3,1)(4,0)
1,3,5,7,2,4,6,7,9	(0,0)(1,1)(2,1)(3,1)(1,0) -
	-(2,1)(3,1)(4,0)(5,1)
1 2 5 7 9 4 6 7 0 11	(0,0)(1,1)(2,1)(3,1)(1,0) -
1,3,5,7,2,4,6,7,9,11	-(2,1)(3,1)(4,0)(5,1)(6,1)
1,3,5,7,2,4,6,8	(0,0)(1,1)(2,1)(3,1) -
1,5,5,7,2,4,0,0	- (1,0)(2,1)(3,1)(4,1)
1,3,5,7,2,4,6,8,2	(0,0)(1,1)(2,1)(3,1)(1,0) -
1,0,0,1,2,4,0,0,2	- (2,1)(3,1)(4,1)(1,0)
1,3,5,7,2,4,	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1) -
6,8,2,4,6,8	- (3,1)(4,1)(1,0)(2,1)(3,1)(4,1)
1,3,5,7,2,4,6,8,3	(0,0)(1,1)(2,1)(3,1)(1,0) -
1,0,0,1,2,1,0,0,0	- (2,1)(3,1)(4,1)(2,0)
1,3,5,7,2,4,	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1) -
6,8,3,5,7,9	- (3,1)(4,1)(2,0)(3,1)(4,1)(5,1)
1,3,5,7,3	(0,0)(1,1)(2,1)(3,1)(1,1)
1,3,5,7,3,2	(0,0)(1,1)(2,1)(3,1)(1,1)(1,0)
1,3,5,7,3,2,4	(0,0)(1,1)(2,1)(3,1)(1,1)(1,0)(2,1)
1,3,5,7,3,2,4,6	(0,0)(1,1)(2,1)(3,1) -
1,0,0,1,0,2,4,0	- (1,1)(1,0)(2,1)(3,1)
1,3,5,7,3,2,4,6,8	(0,0)(1,1)(2,1)(3,1)(1,1) -
1,0,0,1,0,2,1,0,0	- (1,0)(2,1)(3,1)(4,1)
	(0,0)(1,1)(2,1)(3,1)(1,1) -
1,3,5,7,3,2,4,6,8,3	- (1,0)(2,1)(3,1)(4,1) -
	- (2,0)(3,1)(4,1)(5,1)
1,3,5,7,3,2,4,6,8,4	(0,0)(1,1)(2,1)(3,1)(1,1) -
1,0,0,1,0,2,1,0,0,1	- (1,0)(2,1)(3,1)(4,1)(2,1)
1,3,5,7,3,3	(0,0)(1,1)(2,1)(3,1)(1,1)(1,1)
1,3,5,7,3,4	(0,0)(1,1)(2,1)(3,1)(1,1)(2,0)
1,3,5,7,3,4,6,8,10	(0,0)(1,1)(2,1)(3,1) -
1,5,5,7,5,4,0,5,10	-(1,1)(2,0)(3,1)(4,1)(5,1)
1,3,5,7,3,4,6,8,10,6	(0,0)(1,1)(2,1)(3,1)(1,1) -
1,0,0,1,0,4,0,0,10,0	-(2,0)(3,1)(4,1)(5,1)(3,1)
1,3,5,7,3,5	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)
1,3,5,7,3,5,6	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0)

0-Y 序列	BMS
1,3,5,7,3,5,8	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0)(4,1)
1,3,5,7,3,5,6,8,10	(0,0)(1,1)(2,1)(3,1) - (1,1)(2,1)(3,0)(4,1)(5,1)
1,3,5,7,3,5,6,8,10,12	(0,0)(1,1)(2,1)(3,1)(1,1) - (2,1)(3,0)(4,1)(5,1)(6,1)
1,3,5,7,3,5,	(0,0)(1,1)(2,1)(3,1)(1,1) -
6,8,10,12,4	-(2,1)(3,0)(4,1)(5,1)(6,1)(2,0)
1,3,5,7,3,5,6,8,10, 12,4,3,5,6,8,10,12	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) - (3,0)(4,1)(5,1)(6,1)(2,0)(1,1) - (2,1)(2,0)(4,1)(5,1)(6,1)
1 2 5 7 2 5	- (2,1)(3,0)(4,1)(5,1)(6,1)
1,3,5,7,3,5, 6,8,10,12,4,4	$ \begin{array}{c c} (0,0)(1,1)(2,1)(3,1)(1,1)(2,1) - \\ - (3,0)(4,1)(5,1)(6,1)(2,0)(2,0) \end{array} $
1,3,5,7,3,5,	(0,0)(1,1)(0,1)(0,1)(2,0)(2,0) $(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) -$
6,8,10,12,4,5	-(3,0)(4,1)(5,1)(6,1)(2,0)(3,0)
1,3,5,7,3,5,	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) -
6,8,10,12,4,6	- (3,0)(4,1)(5,1)(6,1)(2,0)(3,1)
1,3,5,7,3,5,6,	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0) -
8,10,12,4,6,8,10	-(4,1)(5,1)(6,1)(2,0)(3,1)(4,1)(5,1)
1,3,5,7,3,5,	(0,0)(1,1)(2,1)(3,1)(1,1) -
6,8,10,12,5	-(2,1)(3,0)(4,1)(5,1)(6,1)(2,1)
1,3,5,7,3,5,6,8,	(0,0)(1,1)(2,1)(3,1)(1,1) -
10,12,5,6,8,10,12	-(2,1)(3,0)(4,1)(5,1)(6,1) -
	- (2,1)(3,0)(4,1)(5,1)(6,1)
1,3,5,7,3,5,	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) -
6,8,10,12,6	- (3,0)(4,1)(5,1)(6,1)(3,0)
1,3,5,7,3,5,6,8,	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0) -
10,12,6,8,10,12	$ \begin{array}{c c} -(4,1)(5,1)(6,1)(3,0)(4,1)(5,1)(6,1) \\ \hline (0,0)(1,1)(2,1)(3,1)(1,1) - \end{array} $
6,8,10,12,8	-(2,1)(3,0)(4,1)(5,1)(6,1)(4,1)
0,0,10,12,0	(0,0)(1,1)(2,1)(3,1)(1,1) -
1,3,5,7,3,5,6,8,10,	-(2,1)(3,0)(4,1)(5,1)(6,1)(4,1) -
12,8,10,11,13,15,17	- (5,1)(6,0)(7,1)(8,1)(9,1)
1,3,5,7,3,5,7	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,1)
1,3,5,7,4	(0,0)(1,1)(2,1)(3,1)(2,0)
1,3,5,7,4,6,8,10	(0,0)(1,1)(2,1)(3,1)(2,0)(3,1)(4,1)(5,1)
1,3,5,7,5	(0,0)(1,1)(2,1)(3,1)(2,1)
1,3,5,7,5,6	(0,0)(1,1)(2,1)(3,1)(2,1)(3,0)

0-Y 序列	BMS
1,3,5,7,5,6,8	(0,0)(1,1)(2,1)(3,1)(2,1)(3,0)(4,1)
1,3,5,7,5,6,8,10,12	(0,0)(1,1)(2,1)(3,1)(2,1) - (3,0)(4,1)(5,1)(6,1)
1,3,5,7,5,7	(0,0)(1,1)(2,1)(3,1)(2,1)(3,1)
1,3,5,7,5,7,5,7	(0,0)(1,1)(2,1)(3,1) - (2,1)(3,1)(2,1)(3,1)
1,3,5,7,6	(0,0)(1,1)(2,1)(3,1)(3,0)
1,3,5,7,6,4	(0,0)(1,1)(2,1)(3,1)(3,0)(2,0)
1,3,5,7,6,5	(0,0)(1,1)(2,1)(3,1)(3,0)(2,1)
1,3,5,7,6,5,6	(0,0)(1,1)(2,1)(3,1)(3,0)(2,1)(3,0)
1,3,5,7,6,4	(0,0)(1,1)(2,1)(3,1)(3,0)(2,1)(3,1)
1,3,5,7,6,5,7	(0,0)(1,1)(2,1)(3,1) - - $(3,0)(2,1)(3,1)(3,0)$
1,3,5,7,6,4	(0,0)(1,1)(2,1)(3,1)(3,0)(3,0)
1,3,5,7,6,6	(0,0)(1,1)(2,1)(3,1)(3,0)(4,0)
1,3,5,7,6,8	(0,0)(1,1)(2,1)(3,1)(3,0)(4,1)
1,3,5,7,6,8,10,12	(0,0)(1,1)(2,1)(3,1) - - $(3,0)(4,1)(5,1)(6,1)$
1,3,5,7,7	(0,0)(1,1)(2,1)(3,1)(3,1)
1,3,5,7,7,5	(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)
1,3,5,7,7,5,7	(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)(3,1)
1,3,5,7,7,5,7,6	(0,0)(1,1)(2,1)(3,1) - $(3,1)(2,1)(3,1)(3,0)$
1,3,5,7,7,5,7,7	(0,0)(1,1)(2,1)(3,1) - (3,1)(2,1)(3,1)(3,1)
1,3,5,7,7,6	(0,0)(1,1)(2,1)(3,1)(3,1)(3,0)
1,3,5,7,7,7	(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)
1,3,5,7,7,5,7,7,7	(0,0)(1,1)(2,1)(3,1)(3,1) - (3,1)(2,1)(3,1)(3,1)(3,1)
1,3,5,7,7,7,6	(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)(3,0)
1,3,5,7,7,7,7	(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)(3,1)

0-Y 序列	BMS
1,3,5,7,8	(0,0)(1,1)(2,1)(3,1)(4,0)
1,3,5,7,8,7	(0,0)(1,1)(2,1)(3,1)(4,0)(3,1)
1,3,5,7,8,7,8	(0,0)(1,1)(2,1)(3,1)(4,0)(3,1)(4,0)
1,3,5,7,8,8	(0,0)(1,1)(2,1)(3,1)(4,0)(4,0)
1,3,5,7,8,10	(0,0)(1,1)(2,1)(3,1)(4,0)(5,1)
1,3,5,7,8,10,12,14	(0,0)(1,1)(2,1)(3,1) - $(4,0)(5,1)(6,1)(7,1)$
1,3,5,7,8,10,12,14,15	(0,0)(1,1)(2,1)(3,1)(4,0) - (5,1)(6,1)(7,1)(8,0)
1,3,5,7,8,10,12,14,15,17	(0,0)(1,1)(2,1)(3,1)(4,0) - - $(5,1)(6,1)(7,1)(8,0)(9,1)$
1,3,5,7,9	(0,0)(1,1)(2,1)(3,1)(4,1)
1,3,5,7,9,5	(0,0)(1,1)(2,1)(3,1)(4,1)(2,1)
1,3,5,7,9,7	(0,0)(1,1)(2,1)(3,1)(4,1)(3,1)
1,3,5,7,9,7,9	(0,0)(1,1)(2,1)(3,1)(4,1)(3,1)(4,1)
1,3,5,7,9,8	(0,0)(1,1)(2,1)(3,1)(4,1)(4,0)
1,3,5,7,9,9	(0,0)(1,1)(2,1)(3,1)(4,1)(4,1)
1,3,5,7,9,9,9	(0,0)(1,1)(2,1)(3,1)(4,1)(4,1)(4,1)
1,3,5,7,9,10	(0,0)(1,1)(2,1)(3,1)(4,1)(5,0)
1,3,5,7,9,11	(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)
1,3,5,7,9,11,13	(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)(6,1)
1,3,6	(0,0)(1,1)(2,2)
1,3,6,2	(0,0)(1,1)(2,2)(1,0)
1,3,6,2,4,7	(0,0)(1,1)(2,2)(1,0)(2,1)(3,2)
1,3,6,3	(0,0)(1,1)(2,2)(1,1)
1,3,6,3,5	(0,0)(1,1)(2,2)(1,1)(2,1)
1,3,6,3,5,7	(0,0)(1,1)(2,2)(1,1)(2,1)(3,1)
1,3,6,3,6	(0,0)(1,1)(2,2)(1,1)(2,2)

0-Y 序列	BMS
1,3,6,3,6,3,6	(0,0)(1,1)(2,2)(1,1)(2,2)(1,1)(2,2)
1,3,6,4	(0,0)(1,1)(2,2)(2,0)
1,3,6,4,4	(0,0)(1,1)(2,2)(2,0)(2,0)
1,3,6,4,5	(0,0)(1,1)(2,2)(2,0)(3,0)
1,3,6,4,6	(0,0)(1,1)(2,2)(2,0)(3,1)
1,3,6,4,6,9	(0,0)(1,1)(2,2)(2,0)(3,1)(4,2)
1,3,6,5	(0,0)(1,1)(2,2)(2,1)
1,3,6,5,6	(0,0)(1,1)(2,2)(2,1)(3,0)
1,3,6,5,7	(0,0)(1,1)(2,2)(2,1)(3,1)
1,3,6,5,8	(0,0)(1,1)(2,2)(2,1)(3,2)
1,3,6,5,8,7	(0,0)(1,1)(2,2)(2,1)(3,2)(3,1)
1,3,6,5,8,7,10	(0,0)(1,1)(2,2)(2,1)(3,2)(3,1)(4,2)
1,3,6,6	(0,0)(1,1)(2,2)(2,2)
1,3,6,6,3,6,6	(0,0)(1,1)(2,2)(2,2)(1,1)(2,2)(2,2)
1,3,6,6,4	(0,0)(1,1)(2,2)(2,2)(2,0)
1,3,6,6,5	(0,0)(1,1)(2,2)(2,2)(2,1)
1,3,6,6,5,8,8	(0,0)(1,1)(2,2)(2,2)(2,1)(3,2)(3,2)
1,3,6,6,6	(0,0)(1,1)(2,2)(2,2)(2,2)
1,3,6,7	(0,0)(1,1)(2,2)(3,0)
1,3,6,7,9	(0,0)(1,1)(2,2)(3,0)(4,1)
1,3,6,7,9,12	(0,0)(1,1)(2,2)(3,0)(4,1)(5,2)
1,3,6,8	(0,0)(1,1)(2,2)(3,1)
1,3,6,8,6,8	(0,0)(1,1)(2,2)(3,1)(2,2)(3,1)
1,3,6,8,7	(0,0)(1,1)(2,2)(3,1)(3,0)
1,3,6,8,8	(0,0)(1,1)(2,2)(3,1)(3,1)
1,3,6,8,11	(0,0)(1,1)(2,2)(3,1)(4,2)

0-Y 序列	BMS
1,3,6,9	(0,0)(1,1)(2,2)(3,2)
1,3,6,9,9	(0,0)(1,1)(2,2)(3,2)(3,2)
1,3,6,9,10	(0,0)(1,1)(2,2)(3,2)(4,0)
1,3,6,9,11	(0,0)(1,1)(2,2)(3,2)(4,1)
1,3,6,9,11,6,9,11	(0,0)(1,1)(2,2)(3,2) - (4,1)(2,2)(3,2)(4,1)
1,3,6,9,11,7	(0,0)(1,1)(2,2)(3,2)(4,1)(3,0)
1,3,6,9,11,7,9	(0,0)(1,1)(2,2)(3,2)(4,1)(3,0)(4,1)
1,3,6,9,11,8	(0,0)(1,1)(2,2)(3,2)(4,1)(3,1)
1,3,6,9,11,8,11,14,16,13	(0,0)(1,1)(2,2)(3,2)(4,1) - (3,1)(4,2)(5,2)(6,1)(5,1)
1,3,6,9,11,9	(0,0)(1,1)(2,2)(3,2)(4,1)(3,2)
1,3,6,9,11,9,11	(0,0)(1,1)(2,2)(3,2)(4,1)(3,2)(4,1)
1,3,6,9,11,10	(0,0)(1,1)(2,2)(3,2)(4,1)(4,0)
1,3,6,9,11,11	(0,0)(1,1)(2,2)(3,2)(4,1)(4,1)
1,3,6,9,11,12	(0,0)(1,1)(2,2)(3,2)(4,1)(5,0)
1,3,6,9,11,13	(0,0)(1,1)(2,2)(3,2)(4,1)(5,1)
1,3,6,9,11,14	(0,0)(1,1)(2,2)(3,2)(4,1)(5,2)
1,3,6,9,11,14,17	(0,0)(1,1)(2,2)(3,2)(4,1)(5,2)(6,2)
1,3,6,9,11,14,17,19	(0,0)(1,1)(2,2)(3,2) $(4,1)(5,2)(6,2)(7,1)$
1,3,6,9,12	(0,0)(1,1)(2,2)(3,2)(4,2)
1,3,6,9,12,1,3,6,9,12	(0,0)(1,1)(2,2)(3,2)(4,2)
1,3,6,9,12,3,6,9,12	$ \begin{array}{c c} - (0,0)(1,1)(2,2)(3,2)(4,2) \\ \hline (0,0)(1,1)(2,2)(3,2)(4,2) - \\ - (1,1)(2,2)(3,2)(4,2) \end{array} $
1,3,6,9,12,5,8,11,14	$ \begin{array}{c} -(1,1)(2,2)(3,2)(4,2) \\ (0,0)(1,1)(2,2)(3,2)(4,2) - \\ -(2,1)(3,2)(4,2)(5,2) \end{array} $
1,3,6,9,12,6,9,12	(0,0)(1,1)(2,2)(3,2) - (4,2)(2,2)(3,2)(4,2)
1,3,6,9,12,9	(0,0)(1,1)(2,2)(3,2)(4,2)(3,2)

0-Y 序列	BMS
1,3,6,9,12,15	(0,0)(1,1)(2,2)(3,2)(4,2)(5,2)
1,3,6,10	(0,0)(1,1)(2,2)(3,3)
1,3,6,10,3,6,10	(0,0)(1,1)(2,2)(3,3)(1,1)(2,2)(3,3)
1,3,6,10,5,8,12	(0,0)(1,1)(2,2)(3,3)(2,1)(3,2)(4,3)
1,3,6,10,6	(0,0)(1,1)(2,2)(3,3)(2,2)
1,3,6,10,6,9,12	(0,0)(1,1)(2,2)(3,3)(2,2)(3,2)(4,2)
1,3,6,10,6,10	(0,0)(1,1)(2,2)(3,3)(2,2)(3,3)
1,3,6,10,9,13	(0,0)(1,1)(2,2)(3,3)(3,2)(4,3)
1,3,6,10,10	(0,0)(1,1)(2,2)(3,3)(3,3)
1,3,6,10,11	(0,0)(1,1)(2,2)(3,3)(4,0)
1,3,6,10,14	(0,0)(1,1)(2,2)(3,3)(4,3)
1,3,6,10,14,18	(0,0)(1,1)(2,2)(3,3)(4,3)(5,3)
1,3,6,10,15	(0,0)(1,1)(2,2)(3,3)(4,4)
1,3,6,10,15,20,25	(0,0)(1,1)(2,2)(3,3)(4,4)(5,4)(6,4)
1,3,6,10,15,21	(0,0)(1,1)(2,2)(3,3)(4,4)(5,5)
1,4	(0,0,0)(1,1,1)
1,4,1	(0,0,0)(1,1,1)(0,0,0)
1,4,2	(0,0,0)(1,1,1)(1,0,0)
1,4,2,5	(0,0,0)(1,1,1)(1,0,0)(2,1,1)
1,4,2,5,3	(0,0,0)(1,1,1)(1,0,0)(2,1,1)(2,0,0)
1,4,3	(0,0,0)(1,1,1)(1,1,0)
1,4,3,5,7	(0,0,0)(1,1,1)(1,1,0)(2,1,0)(3,1,0)
1,4,3,6	(0,0,0)(1,1,1)(1,1,0)(2,2,0)
1,4,3,6,10	(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,3,0)
1,4,3,7	(0,0,0)(1,1,1)(1,1,0)(2,2,1)
1,4,3,7,4	(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,0,0)

0-Y 序列	BMS
1 4 9 7 4 9 7 4	(0,0,0)(1,1,1)(1,1,0)(2,2,1) -
1,4,3,7,4,3,7,4	-(2,0,0)(1,1,0)(2,2,1)(2,0,0)
1,4,3,7,4,4	(0,0,0)(1,1,1)(1,1,0) -
1,1,0,1,1,1	- (2,2,1)(2,0,0)(2,0,0)
1,4,3,7,4,4,3,7,4	(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,0,0) -
, , , , , , , , ,	-(2,0,0)(1,1,0)(2,2,1)(2,0,0)
1,4,3,7,5	(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,1,0)
1,4,3,7,5,8	(0,0,0)(1,1,1)(1,1,0) -
-,-,-,-,-	- (2,2,1)(2,1,0)(3,2,0)
1,4,3,7,5,9	(0,0,0)(1,1,1)(1,1,0)
	- (2,2,1)(2,1,0)(3,2,1)
1,4,3,7,5,9,6	(0,0,0)(1,1,1)(1,1,0)(2,2,1) - (2,1,0)(3,2,1)(3,0,0)
	(0,0,0)(1,1,1)(1,1,0)(2,2,1) -
1,4,3,7,5,9,7	-(2,1,0)(3,2,1)(3,1,0)
	(0,0,0)(1,1,1)(1,1,0)(2,2,1) -
1,4,3,7,5,9,7,11	-(2,1,0)(3,2,1)(3,1,0)(4,2,1)
1,4,3,7,6	(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,2,0)
1 4 9 7 6 11	(0,0,0)(1,1,1)(1,1,0) -
1,4,3,7,6,11	- (2,2,1)(2,2,0)(3,3,1)
1,4,3,7,6,11,7	(0,0,0)(1,1,1)(1,1,0)(2,2,1) -
1,4,5,7,0,11,7	- (2,2,0)(3,3,1)(3,0,0)
1,4,3,7,6,11,10	(0,0,0)(1,1,1)(1,1,0)(2,2,1) -
1,2,0,1,0,12,120	- (2,2,0)(3,3,1)(3,3,0)
1,4,4	(0,0,0)(1,1,1)(1,1,1)
1,4,4,3	(0,0,0)(1,1,1)(1,1,1)(1,1,0)
1,4,4,3,7,7,6	(0,0,0)(1,1,1)(1,1,1)(1,1,0) -
1,1,1,0,1,1,0	- (2,2,1)(2,2,1)(2,2,0)
1,4,4,4	(0,0,0)(1,1,1)(1,1,1)(1,1,1)
1,4,5	(0,0,0)(1,1,1)(2,0,0)
1 45 2 7 9	(0,0,0)(1,1,1)(2,0,0) -
1,4,5,3,7,8	- (1,1,0)(2,2,1)(3,0,0)
1,4,5,4	(0,0,0)(1,1,1)(2,0,0)(1,1,1)
1,4,5,4,5	(0,0,0)(1,1,1)(2,0,0)(1,1,1)(2,0,0)
1,4,5,5	(0,0,0)(1,1,1)(2,0,0)(2,0,0)

0 – Y 序列	BMS
1,4,5,7	(0,0,0)(1,1,1)(2,0,0)(3,1,0)
1,4,5,7,10	(0,0,0)(1,1,1)(2,0,0)(3,1,0)(4,2,0)
1,4,5,8	(0,0,0)(1,1,1)(2,0,0)(3,1,1)
1,4,6	(0,0,0)(1,1,1)(2,1,0)
1,4,6,3,7,9	(0,0,0)(1,1,1)(2,1,0) - (1,1,0)(2,2,1)(3,1,0)
1,4,6,3,7,9,6	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,0)
1,4,6,3,7,9,6,11,13	(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1) - (3,1,0)(2,2,0)(3,3,1)(4,1,0)
1,4,6,3,7,9,7	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,1)
1,4,6,3,7,9,9	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(3,1,0)
1,4,6,3,7,9,11	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(4,1,0)
1,4,6,3,7,9,12	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(4,2,0)
1,4,6,3,7,9,13	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(4,2,1)
1,4,6,3,7,10	(0,0,0)(1,1,1)(2,1,0) - - $(1,1,0)(2,2,1)(3,2,0)$
1,4,6,3,7,10,6,11,15	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(2,2,0)(3,3,1)(4,3,0)
1,4,6,4	(0,0,0)(1,1,1)(2,1,0)(1,1,1)
1,4,6,4,3	(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)
1,4,6,4,3,7	(0,0,0)(1,1,1)(2,1,0) - $(1,1,1)(1,1,0)(2,2,1)$
1,4,6,4,3,7,7	(0,0,0)(1,1,1)(2,1,0)(1,1,1) - (1,1,0)(2,2,1)(2,2,1)
1,4,6,4,3,7,9	(0,0,0)(1,1,1)(2,1,0)(1,1,1) - (1,1,0)(2,2,1)(3,1,0)
1,4,6,4,3,7,9,7	(0,0,0)(1,1,1)(2,1,0)(1,1,1) - (1,1,0)(2,2,1)(3,1,0)(2,2,1)
1,4,6,4,3,7,10	(0,0,0)(1,1,1)(2,1,0)(1,1,1) - (1,1,0)(2,2,1)(3,2,0)

0-Y序列	BMS
1 4 0 4 9 7	(0,0,0)(1,1,1)(2,1,0)(1,1,1) -
1,4,6,4,3,7,	- (1,1,0)(2,2,1)(3,2,0)(2,2,0) -
10,6,11,14,11	- (3,3,1)(4,2,0)(3,3,1)
1,4,6,4,3,7,10,7	(0,0,0)(1,1,1)(2,1,0)(1,1,1) -
1,4,0,4,5,7,10,7	- (1,1,0)(2,2,1)(3,2,0)(2,2,1)
1,4,6,4,3,7,10,7,6	(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0) -
1,4,0,4,0,1,10,1,0	- (2,2,1)(3,2,0)(2,2,1)(2,2,0)
1,4,6,4,4	(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,1)
1,4,6,4,6	(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,1,0)
1,4,6,4,6,3,7,10,7,10	(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,1,0) -
1,4,0,4,0,9,1,10,1,10	- (1,1,0)(2,2,1)(3,2,0)(2,2,1)(3,2,0)
1,4,6,4,6,4	(0,0,0)(1,1,1)(2,1,0) -
1,1,0,1,0,1	- (1,1,1)(2,1,0)(1,1,1)
1,4,6,5	(0,0,0)(1,1,1)(2,1,0)(2,0,0)
1,4,6,5,4	(0,0,0)(1,1,1)(2,1,0)(2,0,0)(1,1,1)
1,4,6,6	(0,0,0)(1,1,1)(2,1,0)(2,1,0)
1,4,6,6,3,7,10,10	(0,0,0)(1,1,1)(2,1,0)(2,1,0) -
1,4,0,0,0,1,10,10	- (1,1,0)(2,2,1)(3,2,0)(3,2,0)
1,4,6,6,4	(0,0,0)(1,1,1)(2,1,0)(2,1,0)(1,1,1)
1,4,6,6,4,6,4	(0,0,0)(1,1,1)(2,1,0)(2,1,0) -
1,2,0,0,1,0,1	- (1,1,1)(2,1,0)(1,1,1)
1,4,6,6,4,6,5	(0,0,0)(1,1,1)(2,1,0)(2,1,0) -
, , , , , ,	- (1,1,1)(2,1,0)(2,0,0)
1,4,6,6,4,6,6,4	(0,0,0)(1,1,1)(2,1,0)(2,1,0) -
	- (1,1,1)(2,1,0)(2,1,0)(1,1,1)
1,4,6,6,5	(0,0,0)(1,1,1)(2,1,0)(2,1,0)(2,0,0)
1,4,6,6,6,4	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,0,0,4	- (2,1,0)(2,1,0)(1,1,1)
1,4,6,7	(0,0,0)(1,1,1)(2,1,0)(3,0,0)
1,4,6,8	(0,0,0)(1,1,1)(2,1,0)(3,1,0)
1 4 6 9 9 7 10 19	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
1,4,6,8,3,7,10,13	- (1,1,0)(2,2,1)(3,2,0)(4,2,0)
1,4,6,8,4	(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,1)
1,4,6,8,5	(0,0,0)(1,1,1)(2,1,0)(3,1,0)(2,0,0)

0-Y序列	BMS
	(0,0,0)(1,1,1)(2,1,0) -
1,4,6,8,6,4	-(3,1,0)(2,1,0)(1,1,1)
1,4,6,8,6,8,4	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
	-(2,1,0)(3,1,0)(1,1,1)
1,4,6,8,7	(0,0,0)(1,1,1)(2,1,0)(3,1,0)(3,0,0)
1,4,6,8,8,4	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,0,0,4	- (3,1,0)(3,1,0)(1,1,1)
1,4,6,8,8,8,4	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
1,4,0,0,0,4	- (3,1,0)(3,1,0)(1,1,1)
1,4,6,8,9	(0,0,0)(1,1,1)(2,1,0)(3,1,0)(4,0,0)
1,4,6,8,10,4	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,0,10,4	- (3,1,0)(4,1,0)(1,1,1)
1,4,6,8,10,8,4	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
1,1,0,0,10,0,1	- (4,1,0)(3,1,0)(1,1,1)
1,4,6,8,10,8,10,4	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
1,1,0,0,10,0,10,1	- (4,1,0)(3,1,0)(4,1,0)(1,1,1)
1,4,6,8,10,8,10,7	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
_, _, _, _, _, _, _, _, ,	- (4,1,0)(3,1,0)(4,1,0)(3,0,0)
1,4,6,8,10,10,4	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
, , , , , ,	- (4,1,0)(4,1,0)(1,1,1)
1,4,6,8,10,11	(0,0,0)(1,1,1)(2,1,0) -
	- (3,1,0)(4,1,0)(5,0,0)
1,4,6,8,10,12,4	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
	- (4,1,0)(5,1,0)(1,1,1)
1,4,6,9	(0,0,0)(1,1,1)(2,1,0)(3,2,0)
1,4,6,9,3,7	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,9,5,7	- (3,2,0)(1,1,0)(2,2,1)
1,4,6,9,3,7,8,10	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,4,0,3,0,1,0,10	- (1,1,0)(2,2,1)(3,0,0)(4,1,0)
1,4,6,9,3,7,8,	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
10,5,9,10,12	- (1,1,0)(2,2,1)(3,0,0)(4,1,0) -
10,0,9,10,12	- (2,1,0)(3,2,1)(4,0,0)(5,1,0)
1,4,6,9,3,7,8,10,6	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,0) -
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- (2,2,1)(3,0,0)(4,1,0)(2,2,0)
1,4,6,9,3,7,8,10,7	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,0) -
, , , , , , , ,	- (2,2,1)(3,0,0)(4,1,0)(2,2,1)
1,4,6,9,3,7,8,11	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
	-(1,1,0)(2,2,1)(3,0,0)(4,1,1)

0-Y 序列	BMS
1,4,6,9,3,7,9	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
	- (1,1,0)(2,2,1)(3,1,0)
1,4,6,9,3,7,10,7	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,4,0,3,5,1,10,1	- (1,1,0)(2,2,1)(3,2,0)(2,2,1)
1,4,6,9,3,7,10,14	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,4,0,9,5,7,10,14	- (1,1,0)(2,2,1)(3,2,0)(4,3,0)
1,4,6,9,3,7,10,	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
14,6,11,15,20	- (1,1,0)(2,2,1)(3,2,0)(4,3,0) -
14,0,11,10,20	-(2,2,0)(3,3,1)(4,3,0)(5,4,0)
1,4,6,9,4	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,1)
1,4,6,9,4,6,9	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,4,0,9,4,0,9	- (1,1,1)(2,1,0)(3,2,0)
1,4,6,9,6,9	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,9,0,9	- (3,2,0)(2,1,0)(3,2,0)
1,4,6,9,8,11	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,9,0,11	- (3,2,0)(3,1,0)(4,2,0)
1,4,6,9,9	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(3,2,0)
1,4,6,9,10	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,0,0)
1,4,6,9,11,4	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,9,11,4	- (3,2,0)(4,1,0)(1,1,1)
1,4,6,9,12	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,2,0)
1,4,6,9,12,13	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,0,12,10	- (3,2,0)(4,2,0)(5,0,0)
1,4,6,9,12,14,4	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,4,0,3,12,14,4	- (4,2,0)(5,1,0)(1,1,1)
1,4,6,9,12,15	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,3,12,10	- (3,2,0)(4,2,0)(5,2,0)
1,4,6,9,13	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,3,0)
1,4,6,9,13,13	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,3,13,13	- (3,2,0)(4,3,0)(4,3,0)
1,4,6,9,13,14	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,3,13,14	- (3,2,0)(4,3,0)(5,0,0)
1,4,6,9,13,17	(0,0,0)(1,1,1)(2,1,0) -
1,7,0,0,10,11	- (3,2,0)(4,3,0)(5,3,0)
1,4,6,9,13,17,21	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,4,0,3,13,11,21	- (4,3,0)(5,3,0)(6,3,0)
1,4,6,9,13,18	(0,0,0)(1,1,1)(2,1,0) -
	- (3,2,0)(4,3,0)(5,4,0)

0-Y 序列	BMS
1,4,6,10	(0,0,0)(1,1,1)(2,1,0)(3,2,1)
1,4,6,10,3,7	(0,0,0)(1,1,1)(2,1,0) -
	-(3,2,1)(1,1,0)(2,2,1)
1,4,6,10,3,7,10,7	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,3,7,10,7	- (1,1,0)(2,2,1)(3,2,0)(2,2,1)
1,4,6,10,3,7,10,10,7	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,3,7,10,10,7	- (1,1,0)(2,2,1)(3,2,0)(3,2,0)(2,2,1)
1,4,6,10,3,7,10,14	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,0,7,10,14	- (1,1,0)(2,2,1)(3,2,0)(4,3,0)
1,4,6,10,3,7,10,14,19	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,0) -
1,4,0,10,9,7,10,14,19	-(2,2,1)(3,2,0)(4,3,0)(5,4,0)
1,4,6,10,3,7,10,15	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,0,7,10,10	- (1,1,0)(2,2,1)(3,2,0)(4,3,1)
1,4,6,10,3,7,	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
10,15,6,11,14	- (1,1,0)(2,2,1)(3,2,0)(4,3,1) -
10,10,0,11,14	- (2,2,0)(3,3,1)(4,2,0)
1,4,6,10,3,7,10,	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (1,1,0)(2,2,1)(3,2,0)(4,3,1) -
15,6,11,15,20	-(2,2,0)(3,3,1)(4,3,0)(5,4,0)
1 4 6 10 2 7 10	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,3,7,10,	- (1,1,0)(2,2,1)(3,2,0)(4,3,1) -
15,6,11,15,21	-(2,2,0)(3,3,1)(4,3,0)(5,4,1)
1,4,6,10,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1)
1.46.10.44	(0,0,0)(1,1,1)(2,1,0) -
1,4,6,10,4,4	- (3,2,1)(1,1,1)(1,1,1)
1 4 6 10 4 6	(0,0,0)(1,1,1)(2,1,0) -
1,4,6,10,4,6	- (3,2,1)(1,1,1)(2,1,0)
1 4 6 10 4 6 2	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,4,6,3, $7,10,15,7,10$	- (1,1,1)(2,1,0)(1,1,0)(2,2,1) -
7,10,15,7,10	- (3,2,0)(4,3,1)(2,2,1)(3,2,0)
1 4 6 10 4 6 4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,4,6,4	- (1,1,1)(2,1,0)(1,1,1)
1,4,6,10,4,6,6,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (1,1,1)(2,1,0)(2,1,0)(1,1,1)
1 4 6 10 4 6 7	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,4,6,7	- (1,1,1)(2,1,0)(3,0,0)
1,4,6,10,4,6,9	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (1,1,1)(2,1,0)(3,2,0)

0-Y 序列	BMS
1,4,6,10,4,6,10	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (1,1,1)(2,1,0)(3,2,1)
1,4,6,10,4,6,10,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,4,0,10,4	- (1,1,1)(2,1,0)(3,2,1)(1,1,1)
1,4,6,10,4,6,10,4,6	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1) -
1,4,0,10,4,0,10,4,0	-(2,1,0)(3,2,1)(1,1,1)(2,1,0)
1,4,6,10,4,6,10,4,6,9	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1) -
1,1,0,10,1,0,10,1,0,0	-(2,1,0)(3,2,1)(1,1,1)(2,1,0)(3,2,0)
1,4,6,10,4,6,10,4,6,10	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1) -
1,1,0,10,10,10,10,10	-(2,1,0)(3,2,1)(1,1,1)(2,1,0)(3,2,1)
1,4,6,10,5	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(2,0,0)
1,4,6,10,6	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(2,1,0)
1,4,6,10,6,4	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,0,4	- (3,2,1)(2,1,0)(1,1,1)
1,4,6,10,6,9	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,0,3	- (3,2,1)(2,1,0)(3,2,0)
1,4,6,10,6,9,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,1,0,10,0,0,1	- (2,1,0)(3,2,0)(1,1,1)
1,4,6,10,6,10	(0,0,0)(1,1,1)(2,1,0) -
,,_,_,,_	- (3,2,1)(2,1,0)(3,2,1)
1,4,6,10,8,12	(0,0,0)(1,1,1)(2,1,0) -
, , , , ,	- (3,2,1)(3,1,0)(4,2,1)
1,4,6,10,9	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(3,2,0)
1,4,6,10,9,12,15	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,1,0,10,0,12,10	- (3,2,0)(4,2,0)(5,2,0)
1,4,6,10,9,14	(0,0,0)(1,1,1)(2,1,0) -
, , , , ,	- (3,2,1)(3,2,0)(4,3,1)
1,4,6,10,9,14,13	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (3,2,0)(4,3,1)(4,3,0)
1,4,6,10,10	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(3,2,1)
1,4,6,10,11	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,0,0)
1,4,6,10,11,9,14,15	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,7,0,10,11,0,14,10	- (4,0,0)(3,2,0)(4,3,1)(5,0,0)
1,4,6,10,11,10	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,11,10	- (3,2,1)(4,0,0)(3,2,1)
1,4,6,10,11,12	(0,0,0)(1,1,1)(2,1,0) -
1,1,0,10,11,12	- (3,2,1)(4,0,0)(5,0,0)

0 – Y 序列	BMS
1,4,6,10,11,13	(0,0,0)(1,1,1)(2,1,0) -
	-(3,2,1)(4,0,0)(5,1,0)
1,4,6,10,11,14	(0,0,0)(1,1,1)(2,1,0) -
	- (3,2,1)(4,0,0)(5,1,1)
1,4,6,10,12	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0)
1,4,6,10,12,4	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,12,4	- (3,2,1)(4,1,0)(1,1,1)
1,4,6,10,12,4,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,1,0,10,12,1,1	- (4,1,0)(1,1,1)(1,1,1)
1,4,6,10,12,4,5,8,10,14	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) -
	-(1,1,1)(2,0,0)(3,1,1)(4,1,0)(5,2,1)
1,4,6,10,12,4,6	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (4,1,0)(1,1,1)(2,1,0)
1,4,6,10,12,4,6,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,1,0,10,12,1,0,1	- (4,1,0)(1,1,1)(2,1,0)(1,1,1)
1,4,6,10,12,4,6,6,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) -
1,4,0,10,12,4,0,0,4	- (1,1,1)(2,1,0)(2,1,0)(1,1,1)
1,4,6,10,12,4,6,9	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,12,4,0,9	- (4,1,0)(1,1,1)(2,1,0)(3,2,0)
1,4,6,10,12,4,6,10	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,12,4,0,10	- (4,1,0)(1,1,1)(2,1,0)(3,2,1)
1,4,6,10,12,4,6,10,12,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) -
1,4,0,10,12,4,0,10,12,4	- (1,1,1)(2,1,0)(3,2,1)(4,1,0)(1,1,1)
1,4,6,10,12,5	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,12,0	- (3,2,1)(4,1,0)(2,0,0)
1,4,6,10,12,6	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,12,0	- (3,2,1)(4,1,0)(2,1,0)
1,4,6,10,12,6,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,12,0,4	- (4,1,0)(2,1,0)(1,1,1)
1 4 6 10 12 6 4 6 10	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) -
1,4,6,10,12,6,4,6,10	-(2,1,0)(1,1,1)(2,1,0)(3,2,1)
1 4 6 10 19 6 5	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,12,6,5	- (4,1,0)(2,1,0)(2,0,0)
1,4,6,10,12,6,6,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,12,0,0,4	- (4,1,0)(2,1,0)(2,1,0)(1,1,1)
1 4 6 10 10 6 0 4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,12,6,8,4	- (4,1,0)(2,1,0)(3,1,0)(1,1,1)
1,4,6,10,12,6,9	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (4,1,0)(2,1,0)(3,2,0)

0-Y 序列	BMS
1,4,6,10,12,6,10	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (4,1,0)(2,1,0)(3,2,1)
1 4 6 10 19 6 10 19 4	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) -
1,4,6,10,12,6,10,12,4	- (2,1,0)(3,2,1)(4,1,0)(1,1,1)
1 4 6 10 10 7	(0,0,0)(1,1,1)(2,1,0) -
1,4,6,10,12,7	- (3,2,1)(4,1,0)(3,0,0)
1 4 6 10 10 0 4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,12,8,4	- (4,1,0)(3,1,0)(1,1,1)
1 4 6 10 10 0 10 4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,12,8,10,4	- (4,1,0)(3,1,0)(4,1,0)(1,1,1)
1 4 6 10 19 0 11	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,12,8,11	- (4,1,0)(3,1,0)(4,2,0)
1 4 6 10 10 0 10	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,12,8,12	- (4,1,0)(3,1,0)(4,2,1)
1,4,6,10,12,9	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,12,9	- (3,2,1)(4,1,0)(3,2,0)
1 4 6 10 19 0 14	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,6,10,12,9,14	- (4,1,0)(3,2,0)(4,3,1)
1,4,6,10,12,9,14,16,13	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,12,9,14,10,13	- (4,1,0)(3,2,0)(4,3,1)(5,1,0)(4,3,0)
1,4,6,10,12,10	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,12,10	- (3,2,1)(4,1,0)(3,2,1)
1,4,6,10,12,11	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,12,11	- (3,2,1)(4,1,0)(4,0,0)
1,4,6,10,12,12,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,12,12,4	- (4,1,0)(4,1,0)(1,1,1)
1,4,6,10,12,14,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,1,0,10,12,11,1	- (4,1,0)(5,1,0)(1,1,1)
1,4,6,10,12,15	(0,0,0)(1,1,1)(2,1,0) -
1,1,0,10,12	- (3,2,1)(4,1,0)(5,2,0)
1,4,6,10,12,16	(0,0,0)(1,1,1)(2,1,0) -
1,1,0,10,12	- (3,2,1)(4,1,0)(5,2,1)
1,4,6,10,12,16,18,4	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (4,1,0)(5,2,1)(6,1,0)(1,1,1)
1,4,6,10,13	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0)
1,4,6,10,13,9,14,18	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,13,9,14,18	- (4,2,0)(3,2,0)(4,3,1)(5,3,0)
1,4,6,10,13,10	(0,0,0)(1,1,1)(2,1,0) -
	- (3,2,1)(4,2,0)(3,2,1)

0-Y 序列	BMS
1,4,6,10,13,16,10	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (4,2,0)(5,2,0)(3,2,1)
1,4,6,10,13,17	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,13,17	- (3,2,1)(4,2,0)(5,3,0)
1,4,6,10,13,17,22	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,13,17,22	- (4,2,0)(5,3,0)(6,4,0)
1,4,6,10,13,18	(0,0,0)(1,1,1)(2,1,0) -
1,4,0,10,10,10	- (3,2,1)(4,2,0)(5,3,1)
1,4,6,10,13,18,22,28	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,4,0,10,13,10,22,20	- (4,2,0)(5,3,1)(6,3,0)(7,4,1)
1,4,7	(0,0,0)(1,1,1)(2,1,1)
1,4,7,3,7	(0,0,0)(1,1,1)(2,1,1)(1,1,0)(2,2,1)
1,4,7,3,7,9	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,0,1,0	- (1,1,0)(2,2,1)(3,1,0)
1,4,7,3,7,10	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,0,1,10	- (1,1,0)(2,2,1)(3,2,0)
1,4,7,3,7,10,15	(0,0,0)(1,1,1)(2,1,1)(1,1,0) -
1,1,1,0,1,10,10	- (2,2,1)(3,2,0)(4,3,1)
1,4,7,3,7,11	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,0,1,11	- (1,1,0)(2,2,1)(3,2,1)
1,4,7,4	(0,0,0)(1,1,1)(2,1,1)(1,1,1)
1,4,7,4,6,10	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,4,0,10	- (1,1,1)(2,1,0)(3,2,1)
1,4,7,4,6,10,14	(0,0,0)(1,1,1)(2,1,1)(1,1,1) -
1,1,1,1,0,10,11	- (2,1,0)(3,2,1)(4,2,1)
1,4,7,4,6,10,14,9	(0,0,0)(1,1,1)(2,1,1)(1,1,1) -
-, -, · , · , · , · · , · · · , ·	- (2,1,0)(3,2,1)(4,2,1)(3,2,0)
1,4,7,4,6,10,14,10	(0,0,0)(1,1,1)(2,1,1)(1,1,1) -
-,-,-,-,-,-,+-,+-	- (2,1,0)(3,2,1)(4,2,1)(3,2,1)
1,4,7,4,7	(0,0,0)(1,1,1)(2,1,1)(1,1,1)(2,1,1)
1,4,7,4,7,4,7	(0,0,0)(1,1,1)(2,1,1)(1,1,1) -
	- (2,1,1)(1,1,1)(2,1,1)
1,4,7,5	(0,0,0)(1,1,1)(2,1,1)(2,0,0)
1,4,7,5,3,7,11,8	(0,0,0)(1,1,1)(2,1,1)(2,0,0) -
	- (1,1,0)(2,2,1)(3,2,1)(3,0,0)
1,4,7,5,4	(0,0,0)(1,1,1)(2,1,1)(2,0,0)(1,1,1)

0-Y 序列	BMS
1,4,7,5,4,6,10	(0,0,0)(1,1,1)(2,1,1)(2,0,0) -
	- (1,1,1)(2,1,0)(3,2,1)
1,4,7,5,4,6,10,14	(0,0,0)(1,1,1)(2,1,1)(2,0,0) -
	- (1,1,1)(2,1,0)(3,2,1)(4,2,1)
1 4 7 5 4 6 10 14 11	(0,0,0)(1,1,1)(2,1,1)(2,0,0) -
1,4,7,5,4,6,10,14,11	- (1,1,1)(2,1,0)(3,2,1)(4,2,1)(4,0,0)
1 4 7 5 4 6 10	(0,0,0)(1,1,1)(2,1,1)(2,0,0) -
1,4,7,5,4,6,10,	- (1,1,1)(2,1,0)(3,2,1)(4,2,1)(4,0,0) -
14,11,6,10,14,11	-(2,1,0)(3,2,1)(4,2,1)(4,0,0)
1,4,7,5,4,6,10,	(0,0,0)(1,1,1)(2,1,1)(2,0,0) -
	-(1,1,1)(2,1,0)(3,2,1)(4,2,1) -
14,11,8,12,16,13	- (4,0,0)(3,1,0)(4,2,1)(5,2,1)(5,0,0)
1 4 7 5 4 6 10 14 11 0	(0,0,0)(1,1,1)(2,1,1)(2,0,0)(1,1,1) -
1,4,7,5,4,6,10,14,11,9	-(2,1,0)(3,2,1)(4,2,1)(4,0,0)(3,2,0)
1 4 7 5 4 6 10 14 11 10	(0,0,0)(1,1,1)(2,1,1)(2,0,0)(1,1,1) -
1,4,7,5,4,6,10,14,11,10	-(2,1,0)(3,2,1)(4,2,1)(4,0,0)(3,2,1)
1 4 7 5 4 6 10 14	(0,0,0)(1,1,1)(2,1,1)(2,0,0)(1,1,1) -
1,4,7,5,4,6,10,14,	-(2,1,0)(3,2,1)(4,2,1)(4,0,0)(3,2,1) -
11,10,13,18,23,19	-(4,2,0)(5,3,1)(6,3,1)(6,0,0)
1 4 7 7 4 7	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,5,4,7	- (2,0,0)(1,1,1)(2,1,1)
1 4 7 5 4 7 5	(0,0,0)(1,1,1)(2,1,1)(2,0,0) -
1,4,7,5,4,7,5	- (1,1,1)(2,1,1)(2,0,0)
1,4,7,5,5	(0,0,0)(1,1,1)(2,1,1)(2,0,0)(2,0,0)
1,4,7,6	(0,0,0)(1,1,1)(2,1,1)(2,1,0)
1,4,7,6,4	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)
1 4 7 6 4 6 10 14 19	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1) -
1,4,7,6,4,6,10,14,13	-(2,1,0)(3,2,1)(4,2,1)(4,2,0)
1 4 7 6 4 6 10 14 19 10	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1) -
1,4,7,6,4,6,10,14,13,10	-(2,1,0)(3,2,1)(4,2,1)(4,2,0)(3,2,1)
1 4 7 6 4 7	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,6,4,7	- (2,1,0)(1,1,1)(2,1,1)
1,4,7,6,5	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(2,0,0)
1,4,7,6,6,4,7	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
	- (2,1,0)(1,1,1)(2,1,1)
1,4,7,6,7	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,0,0)
1,4,7,6,8,4,7	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
	- (3,1,0)(1,1,1)(2,1,1)

0-Y 序列	BMS
1,4,7,6,8,10,4,7	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
	- (3,1,0)(4,1,0)(1,1,1)(2,1,1)
1,4,7,6,9	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,2,0)
1,4,7,6,9,13	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,0,0,10	- (2,1,0)(3,2,0)(4,3,0)
1,4,7,6,10	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,2,1)
1,4,7,6,10,13,10	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
1,1,1,0,10,10,10	- (3,2,1)(4,2,0)(3,2,1)
1,4,7,6,10,13,18	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
, , , , , ,	- (3,2,1)(4,2,0)(5,3,1)
1,4,7,6,10,14	(0,0,0)(1,1,1)(2,1,1) -
	- (2,1,0)(3,2,1)(4,2,1)
1,4,7,7	(0,0,0)(1,1,1)(2,1,1)(2,1,1)
1,4,7,7,4,7	(0,0,0)(1,1,1)(2,1,1) -
2,2,1,1,1,1	- (2,1,1)(1,1,1)(2,1,1)
1,4,7,7,4,7,5	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
, , , , , ,	- (1,1,1)(2,1,1)(2,0,0)
1,4,7,7,4,7,6	(0,0,0)(1,1,1)(2,1,1)(2,1,1) - (1,1,1)(2,1,1)(2,1,0)
	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
1,4,7,7,4,7,6,4,7	-(1,1,1)(2,1,1)(2,1,0)(1,1,1)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(2,1,1)(1,1,1) -
1,4,7,7,4,7,6,10,14,14	-(2,1,1)(2,1,0)(3,2,1)(4,2,1)(4,2,1)
1 4 7 7 4 7 7	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
1,4,7,7,4,7,7	- (1,1,1)(2,1,1)(2,1,1)
1,4,7,7,6,3,	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
7,11,11,9,7,11	-(2,1,0)(1,1,0)(2,2,1)(3,2,1) -
1,11,11,9,1,11	- (3,2,1)(3,1,0)(2,2,1)(3,2,1)
1,4,7,7,6,4	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,1,0,1	- (2,1,1)(2,1,0)(1,1,1)
1,4,7,7,6,4,7	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
, , , , , ,	-(2,1,0)(1,1,1)(2,1,1)
1,4,7,7,6,4,7,6	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
	$ \begin{array}{c} -(2,1,0)(1,1,1)(2,1,1)(2,1,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \end{array} $
1,4,7,7,6,4,	-(2,1,0)(1,1,1)(2,1,1)(2,1,1) -
7,6,10,14,14	-(2,1,0)(1,1,1)(2,1,1)(2,1,0) - (3,2,1)(4,2,1)(4,2,1)
	- (3,2,1)(4,2,1)(4,2,1)

0 V P F	DMG
0-Y序列	BMS
1,4,7,7,6,4,7,6,	(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,0) -
$10,\!14,\!14,\!12,\!16,\!20,\!20$	- (1,1,1)(2,1,1)(2,1,0)(3,2,1)(4,2,1) -
	-(4,2,1)(4,1,0)(5,2,1)(6,2,1)(6,2,1)
1,4,7,7,6,4,7,7	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
	- (2,1,0)(1,1,1)(2,1,1)(2,1,1)
1,4,7,7,6,8,4,7,7	(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,0) - (3,1,0)(1,1,1)(2,1,1)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1) - (0,0,0)(1,1)(1,1)(1,1) - (0,0,0)(1,1)(1,1)(1,1) - (0,0,0)(1,1)(1,1) - (0,0,0)(1,1)(1,1) - (0,0,0)(1,1)(1,1) - (0,0,0)(1,1)(1,1) - (0,0,0)(1,1)(1,1) - (0,0,0)(1,1)(1,1) - (0,0,0)(1,1)(1,1) - (0,0,0)(1,1) -
1,4,7,7,6,9	-(2,1,1)(2,1,0)(3,2,0)
	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
1,4,7,7,6,10,14,14	-(2,1,0)(3,2,1)(4,2,1)(4,2,1)
1,4,7,7,7	(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1)
1,4,7,7,7,7	(0,0,0)(1,1,1)(2,1,1) -
, ,,,,,,,	- (2,1,1)(2,1,1)(2,1,1)
1,4,7,8	(0,0,0)(1,1,1)(2,1,1)(3,0,0)
1,4,7,8,10	(0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0)
1,4,7,8,10,12,14	(0,0,0)(1,1,1)(2,1,1)(3,0,0) -
1,4,7,0,10,12,14	- (4,1,0)(5,1,0)(6,1,0)
1,4,7,8,10,13	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,0,10,10	- (3,0,0)(4,1,0)(5,2,0)
1,4,7,8,11	(0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1)
1,4,7,8,11,14	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,0,11,11	- (3,0,0)(4,1,1)(5,1,1)
1,4,7,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0)
1,4,7,9,3	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)
1,4,7,9,3,7	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,9,5,1	- (3,1,0)(1,1,0)(2,2,1)
1,4,7,9,3,7,11	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,3,5,7,11	- (1,1,0)(2,2,1)(3,2,1)
1,4,7,9,3,7,11,12	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (1,1,0)(2,2,1)(3,2,1)(4,0,0)
1,4,7,9,3,7,11,12,15	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
	-(2,2,1)(3,2,1)(4,0,0)(5,1,1)
1,4,7,9,3,7,11,12,15,18	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
	-(2,2,1)(3,2,1)(4,0,0)(5,1,1)(6,1,1)

0-Y 序列	BMS
1,4,7,9,3,7, 11,12,15,18,20	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (1,1,0)(2,2,1)(3,2,1)(4,0,0) -
	- (5,1,1)(6,1,1)(7,1,0)
1 4 7 0 9 7 11	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,3,7,11, 12,15,18,20,6	- (1,1,0)(2,2,1)(3,2,1)(4,0,0) -
12,13,18,20,0	- (5,1,1)(6,1,1)(7,1,0)(2,2,0)
1 4 7 0 9 7 11	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,3,7,11, 12,15,18,20,10,14	- (1,1,0)(2,2,1)(3,2,1)(4,0,0) -
12,13,16,20,10,14	- (5,1,1)(6,1,1)(7,1,0)(3,2,0)(4,3,0)
1,4,7,9,3,7,11,13	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,3,7,11,13	- (1,1,0)(2,2,1)(3,2,1)(4,1,0)
1,4,7,9,3,7,11,13,6	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,5,7,111,15,0	- (1,1,0)(2,2,1)(3,2,1)(4,1,0)(2,2,0)
1 4 7 0 2 7 11 12 7	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11,13,7	-(2,2,1)(3,2,1)(4,1,0)(2,2,1)
1 4 7 0 9 7 11 19 7 11	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11,13,7,11	-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1)
1 4 7 0 2 7 11	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11, 13,7,11,12,15,18,20	-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1) -
13,7,11,12,13,10,20	- (4,0,0)(5,1,1)(6,1,1)(7,1,0)
1,4,7,9,3,7,11,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
7,11,12,15,18,20,8	-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1) -
7,11,12,10,10,20,0	-(4,0,0)(5,1,1)(6,1,1)(7,1,0)(3,0,0)
1,4,7,9,3,7,11,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
7,11,12,15,18,20,9	-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1) -
1,11,12,10,10,20,0	- (4,0,0)(5,1,1)(6,1,1)(7,1,0)(3,1,0)
1,4,7,9,3,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
11,13,7,11,13	- (1,1,0)(2,2,1)(3,2,1)(4,1,0) -
11,10,1,11,10	- (2,2,1)(3,2,1)(4,1,0)
1,4,7,9,3,7,11,13,8	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,1,1,0,0,1,11,10,0	- (2,2,1)(3,2,1)(4,1,0)(3,0,0)
1,4,7,9,3,7,11,13,10,7	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,1,0,0,1,11,10,10,1	-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(2,2,1)
1,4,7,9,3,7,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
13,10,7,11,13	-(2,2,1)(3,2,1)(4,1,0)(3,2,0) -
10,10,1,11,10	- (2,2,1)(3,2,1)(4,1,0)
1,4,7,9,3,7,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
13,13,10,7,11,13	-(1,1,0)(2,2,1)(3,2,1)(4,1,0)(3,2,0) -
	- (4,2,0)(2,2,1)(3,2,1)(4,1,0)

0-Y 序列	BMS
1 4 7 0 9 7 11 19 10 14	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11,13,10,14	-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,0)
1 4 7 0 2 7 11 12 10 15	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11,13,10,15	-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)
1,4,7,9,3,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
11,13,10,15,20,22	- (1,1,0)(2,2,1)(3,2,1)(4,1,0) -
11,13,10,13,20,22	- (3,2,0)(4,3,1)(5,3,1)(6,1,0)
1,4,7,9,3,7,11,13,11	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,5,7,11,15,11	-(2,2,1)(3,2,1)(4,1,0)(3,2,1)
1,4,7,9,3,7,11,13,11,13	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,5,7,11,15,11,15	-(2,2,1)(3,2,1)(4,1,0)(3,2,1)(4,1,0)
1 4 7 0 2 7 11 12 12	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11,13,13	-(2,2,1)(3,2,1)(4,1,0)(4,1,0)
1 4 7 0 2 7 11 12 15	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11,13,15	-(2,2,1)(3,2,1)(4,1,0)(5,1,0)
1 4 7 0 2 7 11 12 16	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11,13,16	-(2,2,1)(3,2,1)(4,1,0)(5,2,0)
1 4 7 0 9 7 11 19 17	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11,13,17	-(2,2,1)(3,2,1)(4,1,0)(5,2,1)
1 4 7 0 9 7 11 19 17 91	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,4,7,9,3,7,11,13,17,21	-(2,2,1)(3,2,1)(4,1,0)(5,2,1)(6,2,1)
1 4 7 0 2 7	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,3,7,	- (1,1,0)(2,2,1)(3,2,1)(4,1,0) -
11,13,17,21,23	- (5,2,1)(6,2,1)(7,1,0)
1 4 7 0 2 7 11 14	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,3,7,11,14	- (1,1,0)(2,2,1)(3,2,1)(4,2,0)
1 4 7 0 2 7 11	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
$1,4,7,9,3,7,11,\\14,3,7,11,14$	- (2,2,1)(3,2,1)(4,2,0)(1,1,0) -
14,5,7,11,14	- (2,2,1)(3,2,1)(4,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,3,7,11,14,	- (1,1,0)(2,2,1)(3,2,1)(4,2,0) -
6,11,16,19,11,16,18	- (2,2,0)(3,3,1)(4,3,1)(5,2,0) -
	- (3,3,1)(4,3,1)(5,1,0)
1,4,7,9,3,7,11,14,6,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
	-(2,2,1)(3,2,1)(4,2,0)(2,2,0)(3,3,1) -
16,19,11,16,18,22,26,29	- (4,3,1)(5,2,0)(3,3,1)(4,3,1) -
	- (5,1,0)(6,2,1)(7,2,1)(8,2,0)
1,4,7,9,3,7,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
14,6,11,16,20	- (1,1,0)(2,2,1)(3,2,1)(4,2,0) -
14,0,11,10,20	-(2,2,0)(3,3,1)(4,3,1)(5,3,0)

0-Y 序列	BMS
1,4,7,9,4	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)
1,4,7,9,4,6,10,14,17	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1) -
	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)
1,4,7,9,4,7	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(1,1,1)(2,1,1)
1,4,7,9,4,7,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (1,1,1)(2,1,1)(3,1,0)
1,4,7,9,4,7,9,4	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (1,1,1)(2,1,1)(3,1,0)(1,1,1)
1,4,7,9,4,7, 9,4,7,9,4	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (1,1,1)(2,1,1)(3,1,0)(1,1,1) -
	- (2,1,1)(3,1,0)(1,1,1)
1,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,9,5,3	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,0,0)(1,1,0)
1 4 7 0 5 4	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,9,5,4	- (3,1,0)(2,0,0)(1,1,1)
1,4,7,9,5,4,7,9,4	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) -
	- (1,1,1)(2,1,1)(3,1,0)(1,1,1)
1,4,7,9,5,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) -
	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,9,5,5	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,0,0,0,0	- (3,1,0)(2,0,0)(2,0,0)
1,4,7,9,6	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)
1,4,7,9,6,4	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,1,0)(1,1,1)
1,4,7,9,6,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,9,6,4,7,9,5,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	-(1,1,1)(2,1,1)(3,1,0)(2,0,0)(2,0,0)
1,4,7,9,6,4,7,9,6	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (1,1,1)(2,1,1)(3,1,0)(2,1,0)
1,4,7,9,6,5	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,1,0)(2,0,0)
1,4,7,9,6,7	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,1,0)(3,0,0)
1,4,7,9,6,8,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)

0-Y序列	BMS
1,4,7,9,6,9	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,1,0)(3,2,0)
1,4,7,9,6,10	(0,0,0)(1,1,1)(2,1,1) -
	-(3,1,0)(2,1,0)(3,2,1)
1,4,7,9,6,10,14,16	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(2,1,0)(3,2,1)(4,2,1)(5,1,0)
1,4,7,9,6,10, 14,16,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (2,1,0)(3,2,1)(4,2,1)(5,1,0) -
	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,9,6,10,14,17	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)
1,4,7,9,6,10,14,17,10	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(3,2,1)
1,4,7,9,6,10,14,17,11	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
1,4,1,3,0,10,14,11,11	- (3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,9,6,10,14,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
17,13,18,23,27,19	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,0) -
11,13,10,23,21,19	- (5,3,1)(6,3,1)(7,3,0)(6,0,0)
1,4,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,9,7,4	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,3,1,4	- (3,1,0)(2,1,1)(1,1,1)
1,4,7,9,7,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,9,7,4,7,9,5,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)(2,0,0)
1,4,7,9,7,4,7,9,6	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
	- (1,1,1)(2,1,1)(3,1,0)(2,1,0)
1,4,7,9,7,4,7, 9,6,10,14,17,14	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(2,1,1)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
0,0,10,11,11,11	- (3,2,1)(4,2,1)(5,2,0)(4,2,1)
1,4,7,9,7,4,7, 9,6,10,14,17,14,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
	- (1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,0)(4,2,1)(3,2,0)
1,4,7,9,7,4,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
	- (1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,9,7,5	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,1,1)(2,0,0)
1,4,7,9,7,6,4,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
	-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)

0-Y 序列	BMS
1,4,7,9,7, 6,8,4,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(2,1,1)(2,1,0)(3,1,0)(1,1,1) -
	-(2,1,1)(3,1,0)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,7,6,9	- (2,1,1)(2,1,0)(3,2,0)
1 4 7 0 7 6 10 14 17 11	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
1,4,7,9,7,6,10,14,17,11	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1 4 7 0 7 6 10 14 17 14	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
1,4,7,9,7,6,10,14,17,14	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)
1,4,7,9,7,7	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,9,1,1	- (3,1,0)(2,1,1)(2,1,1)
1,4,7,9,7,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
6,10,14,17,11	-(2,1,1)(2,1,1)(2,1,0)(3,2,1) -
0,10,14,17,11	- (4,2,1)(5,2,0)(4,0,0)
1,4,7,9,7,7,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
10,14,17,14,14	-(2,1,1)(2,1,1)(2,1,0)(3,2,1) -
10,14,17,14,14	- (4,2,1)(5,2,0)(4,2,1)(4,2,1)
1,4,7,9,7,7,7	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,1,1,0,1,1,1	- (2,1,1)(2,1,1)(2,1,1)
1,4,7,9,7,8	(0,0,0)(1,1,1)(2,1,1) -
=,=,,,,,,,,,	- (3,1,0)(2,1,1)(3,0,0)
1,4,7,9,7,9	(0,0,0)(1,1,1)(2,1,1) -
, , , , , , , ,	- (3,1,0)(2,1,1)(3,1,0)
1,4,7,9,7,9,4	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
, , , , , ,	- (2,1,1)(3,1,0)(1,1,1)
1,4,7,9,7,9,4,7,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
	- (3,1,0)(1,1,1)(2,1,1)(3,1,0)
1,4,7,9,7,9,4,7,9,4	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
	- (3,1,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)
1,4,7,9,7,9,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
	- (3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,9,7,9,4,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
	-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,9,7,9, 4,7,9,7,8	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(2,1,1)(3,1,0)(1,1,1)(2,1,1)
	-(3,1,0)(2,1,1)(3,0,0)
1,4,7,9,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
4,7,9,7,9,4	- (2,1,1)(3,1,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)(1,1,1)

0-Y 序列	BMS
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,7,9,4,	- (2,1,1)(3,1,0)(1,1,1)(2,1,1) -
7,9,7,9,4,7,9,5	- (3,1,0)(2,1,1)(3,1,0)(1,1,1) -
	- (2,1,1)(3,1,0)(2,0,0)
1 4 7 0 7 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,7,9,5	- (2,1,1)(3,1,0)(2,0,0)
1 4 7 0 7 0 6 0	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,7,9,6,9	-(2,1,1)(3,1,0)(2,1,0)(3,2,0)
1 4 7 0 7 0	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,7,9,	- (2,1,1)(3,1,0)(2,1,0)(3,2,1) -
6,10,14,17,11	- (4,2,1)(5,2,0)(4,0,0)
1 4 7 0 7 0 6	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,7,9,6,	-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1) -
10,14,17,14,17,11	- (5,2,0)(4,2,1)(5,2,0)(4,0,0)
1,4,7,9,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,1,9,1,9,1	- (2,1,1)(3,1,0)(2,1,1)
1,4,7,9,7,9,7,8	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,1,9,1,9,1,0	-(2,1,1)(3,1,0)(2,1,1)(3,0,0)
1,4,7,9,7,9,7,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,1,3,1,3,1,3	-(2,1,1)(3,1,0)(2,1,1)(3,1,0)
1,4,7,9,7,9,7,9,4	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
1,4,1,3,1,3,1,3,4	- (3,1,0)(2,1,1)(3,1,0)(1,1,1)
1,4,7,9,7,9,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
1,4,1,3,1,3,1,3,0	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,9,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
7,9,7,9,5	-(2,1,1)(3,1,0)(2,1,1)(3,1,0) -
1,0,1,0,0	- (2,1,1)(3,1,0)(2,0,0)
1,4,7,9,8	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,0,0)
1,4,7,9,9,4,7,9,8	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0) -
1,4,1,9,9,4,1,9,0	- (1,1,1)(2,1,1)(3,1,0)(3,0,0)
1,4,7,9,9,5	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,9,9,0	- (3,1,0)(3,1,0)(2,0,0)
1,4,7,9,9,6,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (3,1,0)(2,1,0)(3,2,0)
1,4,7,9,9,6,10,14,17,11	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0) -
1,7,1,0,0,0,10,14,11,11	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,9,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
10,14,17,17,11	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,0)(5,2,0)(4,0,0)

0-Y 序列	BMS
1,4,7,9,9,7	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(3,1,0)(2,1,1)
1,4,7,9,9,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1 4 7 0 0 7 0 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0) -
1,4,7,9,9,7,9,9,5	-(2,1,1)(3,1,0)(3,1,0)(2,0,0)
1 4 7 0 0 0	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,9,9,8	- (3,1,0)(3,1,0)(3,0,0)
1 4 7 0 0 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,9,9,5	- (3,1,0)(3,1,0)(2,0,0)
1.4700	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,9,	- (3,1,0)(3,1,0)(2,1,1)(3,1,0) -
9,7,9,9,9,5	- (3,1,0)(3,1,0)(2,0,0)
1 4 7 0 0 0 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,9,9,9,5	- (3,1,0)(3,1,0)(3,1,0)(2,0,0)
1,4,7,9,10	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,0,0)
1 4 7 0 11 5	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,9,11,5	- (3,1,0)(4,1,0)(2,0,0)
1 4 7 0 11 6 0	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,11,6,9	- (4,1,0)(2,1,0)(3,2,0)
1,4,7,9,11,7	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,9,11,1	- (3,1,0)(4,1,0)(2,1,1)
1,4,7,9,11,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,11,7,9,5	- (4,1,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,9,11,7,9,11,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,1,0) -
1,4,1,9,11,1,9,11,0	-(2,1,1)(3,1,0)(4,1,0)(2,0,0)
1,4,7,9,11,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,11,9,5	- (4,1,0)(3,1,0)(2,0,0)
1,4,7,9,11,9,11,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,1,9,11,9,11,0	- (4,1,0)(3,1,0)(4,1,0)(2,0,0)
1 4 7 0 11 10	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,9,11,10	- (3,1,0)(4,1,0)(4,0,0)
1 4 7 0 11 11 5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,11,11,5	-(4,1,0)(4,1,0)(2,0,0)
1 4 7 0 11 11 0 11 11 7	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,1,0) -
1,4,7,9,11,11,9,11,11,5	- (4,1,0)(3,1,0)(4,1,0)(4,1,0)(2,0,0)
1 / 7 0 11 11 11 5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,11,11,11,5	- (4,1,0)(4,1,0)(4,1,0)(2,0,0)
1,4,7,9,11,12	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(4,1,0)(5,0,0)

0-Y序列	BMS
1,4,7,9,11,13,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (4,1,0)(5,1,0)(2,0,0)
1,4,7,9,11,13,13,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(4,1,0)(5,1,0)(5,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,11,13,15,5	-(4,1,0)(5,1,0)(6,1,0)(2,0,0)
1,4,7,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
1 4 7 0 19 6 10 14 17 11	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0) -
1,4,7,9,12,6,10,14,17,11	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,9,12,6,10,14,17,21	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,12,0,10,14,17,21	- (4,2,0)(3,1,0)(4,2,0)
1,4,7,9,12,12	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,3,12,12	- (3,1,0)(4,2,0)(4,2,0)
1,4,7,9,12,15,18	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,12,10,10	- (4,2,0)(5,2,0)(6,2,0)
1 4 7 0 19 16	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,9,12,16	- (3,1,0)(4,2,0)(5,3,0)
1,4,7,9,13	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)
1,4,7,9,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
17,19,4,7,9,5	- (4,2,1)(5,2,1)(6,1,0)(1,1,1) -
17,19,4,7,9,5	- (2,1,1)(3,1,0)(2,0,0)
1,4,7,9,13,17,19,5	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,9,10,17,19,0	- (4,2,1)(5,2,1)(6,1,0)(2,0,0)
1,4,7,9,13,17,20	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,7,5,10,17,20	- (4,2,1)(5,2,1)(6,2,0)
1,4,7,9,13,17,20,13	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,7,1,0,10,11,20,10	- (4,2,1)(5,2,1)(6,2,0)(4,2,1)
1,4,7,9,13,17,20,14	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,4,1,3,13,11,20,14	- (4,2,1)(5,2,1)(6,2,0)(5,0,0)
1,4,7,9,13,17,20,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,0)(5,0,0)(2,1,0) -
14,6,10,14,17,11	- (3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,9,13,17, 20,25,30,34,26	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (4,2,1)(5,2,1)(6,2,0)(7,3,1) -
	- (8,3,1)(9,3,0)(8,0,0)
1,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,4,7,9,13,17,21	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1) -
	-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)

0-Y 序列	BMS
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1) -
1,4,7,10,4,7,9,13,17,	-(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
21,13,17,20,25,30,35	- (6,2,1)(4,2,1)(5,2,1)(6,2,0) -
	- (7,3,1)(8,3,1)(9,3,1)
1,4,7,10,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,1,10,4,1,10	- (1,1,1)(2,1,1)(3,1,1)
1,4,7,10,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,0,0)
1,4,7,10,6,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,1,10,0,1,1,10	- (2,1,0)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,6,9	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,10,0,0	- (3,1,1)(2,1,0)(3,2,0)
1,4,7,10,6,10,14,17,11	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) -
1,1,1,10,0,10,11,11,11	- (3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,6,10,14,18	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,1,10,0,10,11,10	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,4,7,10,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)
1,4,7,10,7,6,10,14,18,14	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,0,10,14,10,14	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)
1,4,7,10,7,7	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,10,11,1	- (3,1,1)(2,1,1)(2,1,1)
1,4,7,10,7,8	(0,0,0)(1,1,1)(2,1,1) -
, , , , - , . , -	- (3,1,1)(2,1,1)(3,0,0)
1,4,7,10,7,9	(0,0,0)(1,1,1)(2,1,1) -
, , , , ,	- (3,1,1)(2,1,1)(3,1,0)
1,4,7,10,7,9,4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , , ,	- (2,1,1)(3,1,0)(1,1,1)
1,4,7,10,7,9,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
9,13,17,21,17,19,5	- (3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
-, -, -, -, -, -, -, -	-(5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,0,0)
1,4,7,10,7,9,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
-,-,-,,-,-,-,-,-	-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , - , , , , , , , , , , , , , , ,	- (2,1,1)(3,1,0)(2,0,0)
1,4,7,10,7,9,5,4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, ,,,,==,,,,,,,,	- (2,1,1)(3,1,0)(2,0,0)(1,1,1)
1,4,7,10,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
9,5,4,7,9,5	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) -
	- (2,1,1)(3,1,0)(2,0,0)

0-Y序列	BMS
1,4,7,10,7,9, 5,4,7,9,6,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(3,1,0)(2,0,0)(1,1,1)
	-(2,1,1)(3,1,0)(2,1,0)(3,2,1)
1.4510505	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,9,5,	-(3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
4,7,9,6,10,14,17,11	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1 4 7 10 7 0 5 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,9,5,4, 7,9,6,10,14,17,14	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,9,0,10,14,17,14	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)
1,4,7,10,7,9,5,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
7,9,6,10,14,17,21	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
7,9,0,10,14,17,21	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,0)
1,4,7,10,7,9,5,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
7,9,6,10,14,17,22	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,0,0,10,14,11,22	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,1)
1,4,7,10,7,9,5,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
7,9,6,10,14,18	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,0,0,10,14,10	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,4,7,10,7,9,5,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
7,9,6,10,14,18,14	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,0,0,10,11,10,11	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)
1,4,7,10,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
5,4,7,9,7	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) -
-, ,-,-	- (2,1,1)(3,1,0)(2,1,1)
1,4,7,10,7,9,5,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
4,7,9,7,9,7	- (3,1,0)(2,0,0)(1,1,1)(2,1,1) -
, , , , ,	- (3,1,0)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
5,4,7,9,9,7	- (2,1,1)(3,1,0)(2,0,0)(1,1,1) -
	- (2,1,1)(3,1,0)(3,1,0)(2,1,1)
1,4,7,10,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
5,4,7,9,11,7	- (2,1,1)(3,1,0)(2,0,0)(1,1,1) -
. , , , , ,	- (2,1,1)(3,1,0)(4,1,0)(2,1,1)
1,4,7,10,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
5,4,7,9,12	-(2,1,1)(3,1,0)(2,0,0)(1,1,1)
	-(2,1,1)(3,1,0)(4,2,0)
1,4,7,10,7,9,5,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
	-(3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,1)

0-Y序列	BMS
1,4,7,10,7,9, 5,4,7,10,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) -
	-(2,1,1)(3,1,1)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,7,9,	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) -
5,4,7,10,7,9	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) - (2,1,1)(3,1,1)(2,1,1)(3,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,7,9,5,	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) -
4,7,10,7,9,5	
	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,7,9,6	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (2,1,1)(3,1,0)(2,1,0)
1,4,7,10,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
6,4,7,10,7,9,5	-(2,1,1)(3,1,0)(2,1,0)(1,1,1)(2,1,1) -
	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,7,9,6,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (2,1,1)(3,1,0)(2,1,0)(2,0,0)
1,4,7,10,7,9,6,6	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (2,1,1)(3,1,0)(2,1,0)(2,1,0)
1,4,7,10,7,9,6,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (2,1,1)(3,1,0)(2,1,0)(3,2,0)
1,4,7,10,7,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,14,17,11	-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (2,1,1)(3,1,0)(2,1,1)
1,4,7,10,7,9,7,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)
	- (2,1,1)(3,1,0)(2,1,1)(2,1,1)
1,4,7,10,7,9,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,9,6,10,14,18	- (2,1,1)(3,1,0)(2,1,1)(3,1,0) -
, , , , ,	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,4,7,10,7,9,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
, , , , , , , ,	- (3,1,0)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,7,9,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
. , , , , , ,	- (2,1,1)(3,1,0)(3,1,0)(2,0,0)
1,4,7,10,7,9,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
-,-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- (2,1,1)(3,1,0)(3,1,0)(2,1,1)
1,4,7,10,7,9,9,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
	- (3,1,0)(3,1,0)(2,1,1)(3,1,0)(2,0,0)

0-Y 序列	BMS
1,4,7,10,7,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (2,1,1)(3,1,0)(4,2,0)
1,4,7,10,7,9,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (2,1,1)(3,1,0)(4,2,1)
1 4 7 10 7 0 10 17 20 14	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,9,13,17,20,14	- (3,1,0)(4,2,1)(5,2,1)(6,2,0)(5,0,0)
1 4 7 10 7 0 19 17 90 17	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,9,13,17,20,17	- (3,1,0)(4,2,1)(5,2,1)(6,2,0)(5,2,1)
1 4 7 10 7 0 19 17 91	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,9,13,17,21	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)
1 4 7 10 7 0 19 17 91 17	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,9,13,17,21,17	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)
1 4 7 10 7 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,7,9,	- (2,1,1)(3,1,0)(4,2,1)(5,2,1) -
13,17,21,17,20	- (6,2,1)(5,2,1)(6,2,0)
1 4 7 10 7 0 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,7,9,13,	-(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
17,21,17,20,14	-(6,2,1)(5,2,1)(6,2,0)(5,0,0)
1 4 7 10 7 10	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,7,10	- (3,1,1)(2,1,1)(3,1,1)
1 4 7 10 7 10 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,7,10,7	- (2,1,1)(3,1,1)(2,1,1)
1 4 7 10 7 10 7 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,7,10,7,9	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)
1 4 7 10 7 10 7 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,10,7,9,5	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 7 10 7 0 6 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,10,7,9,6,5	- (3,1,1)(2,1,1)(3,1,0)(2,1,0)(2,0,0)
1 4 7 10 7 10 7 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,4,7,10,7,10,7,9,7	- (3,1,1)(2,1,1)(3,1,0)(2,1,1)
1 4 7 10 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,7,	-(2,1,1)(3,1,1)(2,1,1)(3,1,0) -
10,7,9,7,9,7	- (2,1,1)(3,1,0)(2,1,1)
1 4 7 10 7 10 7 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,7,10,7,10	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1 4 7 4 0 7 4 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,7,10,	- (2,1,1)(3,1,1)(2,1,1)(3,1,1) -
7,10,7,9,5	- (2,1,1)(3,1,0)(2,0,0)
1,4,7,10,7,10,7,10,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
	- (3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)

0-Y 序列	BMS
1,4,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,8,4	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,0,4	- (3,1,1)(3,0,0)(1,1,1)
1,4,7,10,8,4,7,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,0,4,7,9	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)
1,4,7,10,8,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,1,10,0,4,1,0,0	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
9,5,4,7,9,5	- (1,1,1)(2,1,1)(3,1,0)(2,0,0) -
5,5,1,1,5,5	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
9,6,10,14,17,11	- (1,1,1)(2,1,1)(3,1,0)(2,1,0) -
3,3,=3,=-,=-,=-	- (3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
9,6,10,14,17,14	- (1,1,1)(2,1,1)(3,1,0)(2,1,0) -
, , , , ,	- (3,2,1)(4,2,1)(5,2,0)(4,2,1)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
9,6,10,14,18	- (3,0,0)(1,1,1)(2,1,1)(3,1,0) -
, , , ,	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
9,6,10,14,18,14,18	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,1)(4,2,1)(5,2,1)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
9,6,10,14,18,15	- (1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
9,6,10,14,18,15,6,9	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
	- (4,2,1)(5,2,1)(5,0,0)(2,1,0)(3,2,0)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) - (1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
9,6,10,14,18,15,8	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) - (4,2,1)(5,2,1)(5,0,0)(3,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,7,10,8,4,7,9,	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
6,10,14,18,15,8,11	-(4,2,1)(5,2,1)(5,0,0)(3,1,0)(4,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,7,10,8,4,7,9,	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
6,10,14,18,15,8,12	-(4,2,1)(5,2,1)(5,0,0)(3,1,0)(4,2,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,7,10,8,4,7,9, 6,10,14,18,15,9	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
	-(4,2,1)(5,2,1)(5,0,0)(3,2,0)
	(-,-,-)(-,-,+)(-,-,-,-)

0-Y序列	BMS
1,4,7,10,8,4,7,9, 6,10,14,18,15,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
	-(4,2,1)(5,2,1)(5,0,0)(3,2,1)
1,4,7,10,8,4,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,1,1,10,0,1,1,0,1	- (1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,9,7,9,7	- (3,0,0)(1,1,1)(2,1,1)(3,1,0) -
-,,,,,,,,,,	- (2,1,1)(3,1,0)(2,1,1)
1,4,7,10,8,4,7,9,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,1,1,10,0,1,1,0,0,1	- (1,1,1)(2,1,1)(3,1,0)(3,1,0)(2,1,1)
1,4,7,10,8,4,7,9,11,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
_, _, , , _ , , , , , , , , _ , , _ , ,	- (1,1,1)(2,1,1)(3,1,0)(4,1,0)(2,1,1)
1,4,7,10,8,4,7,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- (1,1,1)(2,1,1)(3,1,0)(4,2,0)
1,4,7,10,8,4,7,9,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
,,,,_,,,,,,,,,	- (1,1,1)(2,1,1)(3,1,0)(4,2,1)
1,4,7,10,8,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,9,13,17,21,18	-(3,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,0,10,11,=1,10	- (4,2,1)(5,2,1)(6,2,1)(6,0,0)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
9,13,17,21,18,6,10	-(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
0,10,11,21,10,0,10	- (6,2,1)(6,0,0)(2,1,0)(3,2,1)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
9,13,17,21,18,7	- (1,1,1)(2,1,1)(3,1,0)(4,2,1) -
0,10,11,21,10,1	- (5,2,1)(6,2,1)(6,0,0)(2,1,1)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
9,13,17,21,18,9	-(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
3,-3,-1,,-3,3	- (5,2,1)(6,2,1)(6,0,0)(3,1,0)
1,4,7,10,8,4,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,17,21,18,9,12	-(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
10,11,11,10,0,11	- (6,2,1)(6,0,0)(3,1,0)(4,2,0)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
9,13,17,21,18,11	-(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(6,0,0)(4,1,0)
1,4,7,10,8,4,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,17,21,18,12	-(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
, , , , , , , , , , , , , , , , , , , ,	- (5,2,1)(6,2,1)(6,0,0)(4,2,0)
1,4,7,10,8,4,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,17,21,18,13	- (1,1,1)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(6,0,0)(4,2,1)

0-Y序列	BMS
1,4,7,10,8,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,8,4,7,10,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	- (1,1,1)(2,1,1)(3,1,1)(2,1,1)
1 4 7 10 0 4 7 10 7 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,7,10,8,4,7,10,7,9	- (1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)
1 4 7 10 9 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,4,	- (3,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,9,5	- (2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,4,	- (3,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,9,7	- (2,1,1)(3,1,0)(2,1,1)
1 4 7 10 0 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,4,	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
7,10,7,9,7,9,5	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 9 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,4,	- (3,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,9,12	- (2,1,1)(3,1,0)(4,2,0)
1,4,7,10,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
10,7,9,13,17,21	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)
1,4,7,10,8,4,7,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,9,13,17,21,18	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1,9,13,11,21,10	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,0,0)
1,4,7,10,8,4,7,10,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,1,10,0,4,1,10,1,10	- (1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,4,7,10,8,4,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,7,10,0,4,7,10,0	- (1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,8,5	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,10,0,0	- (3,1,1)(3,0,0)(2,0,0)
1,4,7,10,8,6,4,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,7,10,0,0,4,7,10,0	-(2,1,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,8,6,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,1,10,0,0,0	- (3,0,0)(2,1,0)(3,2,0)
1,4,7,10,8,6,10,14,17,11	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,8,6,10,14,18,15	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,7,10,0,0,10,14,18,10	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)
1,4,7,10,8,7	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,0,0)(2,1,1)

0 – Y 序列	BMS
1,4,7,10,8,7,6,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(2,1,1)(2,1,0)(3,2,0)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,7,	- (3,0,0)(2,1,1)(2,1,0)(3,2,1) -
6,10,14,17,11	-(4,2,1)(5,2,0)(4,0,0)
1 4 7 10 0 7 6 10 14 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,4,7,10,8,7,6,10,14,18	-(2,1,1)(2,1,0)(3,2,1)(4,2,1)(5,2,1)
(0,0,0)(1,1,1)(2,1,1)(3,1,1) -	
-(3,0,0)(2,1,1)(2,1,0)(3,2,1) -	
- (4,2,1)(5,2,1)(4,2,1)	
1,4,7,10,8,7,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,14,17,11	- (3,0,0)(2,1,1)(2,1,0)(3,2,1) -
10,14,10,14,17,11	- (4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,8,7,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,14,18	- (3,0,0)(2,1,1)(2,1,0)(3,2,1) -
10,14,10,14,10	- (4,2,1)(5,2,1)(4,2,1)(5,2,1)
1,4,7,10,8,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
6,10,14,18,15	- (3,0,0)(2,1,1)(2,1,0)(3,2,1) -
0,10,14,10,10	-(4,2,1)(5,2,1)(5,0,0)
1,4,7,10,8,7,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,15,14	- (3,0,0)(2,1,1)(2,1,0)(3,2,1) -
10,11,10,10,11	- (4,2,1)(5,2,1)(5,0,0)(4,2,1)
1,4,7,10,8,7,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,1,10,0,1,1	- (3,0,0)(2,1,1)(2,1,1)
1,4,7,10,8,7,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
=,=,,,==,,,,=	- (3,0,0)(2,1,1)(3,0,0)
1,4,7,10,8,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , - , - , - , - , -	- (3,0,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,8,7,9,6,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
, , , , , , , ,	- (2,1,1)(3,1,0)(2,1,0)(3,2,0)
1,4,7,10,8,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,7, 9,6,10,14,18	- (3,0,0)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,0)(4,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(2,1,1)(3,1,0)(2,1,0) -
, , ,	- (3,2,1)(4,2,1)(5,2,1)
1,4,7,10,8,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
6,10,14,18,15	- (3,0,0)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)

0-Y 序列	BMS
1,4,7,10,8,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,8,7,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(2,1,1)(3,1,0)(4,2,0)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,7,	- (3,0,0)(2,1,1)(3,1,0)(4,2,1) -
9,13,17,20,14	- (5,2,1)(6,2,0)(5,0,0)
1,4,7,10,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
7,9,13,17,21	-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)
1,4,7,10,8,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
9,13,17,21,18	- (3,0,0)(2,1,1)(3,1,0)(4,2,1) -
9,13,17,21,18	- (5,2,1)(6,2,1)(6,0,0)
1 4 7 10 9 7 0 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,7,9,13,	- (3,0,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
17,21,18,17,20,14	-(6,2,1)(6,0,0)(5,2,1)(6,2,0)(5,0,0)
1 4 7 10 0 7 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,7,10	- (3,0,0)(2,1,1)(3,1,1)
1 4 7 10 0 7 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,7,10,8	- (3,0,0)(2,1,1)(3,1,1)(3,0,0)
1 4 7 10 9 9	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,8,8	- (3,1,1)(3,0,0)(3,0,0)
1 4 7 10 8 0	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,8,9	- (3,1,1)(3,0,0)(4,0,0)
1 4 7 10 9 10	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,8,10	- (3,1,1)(3,0,0)(4,1,0)
1 4 7 10 0 11 14 17 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,8,11,14,17,15	- (3,0,0)(4,1,1)(5,1,1)(6,1,1)(6,0,0)
1,4,7,10,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
1 4 7 10 0 0	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,9,2	- (3,1,1)(3,1,0)(1,0,0)
1 4 7 10 0 9	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,9,3	- (3,1,1)(3,1,0)(1,1,0)
1 4 7 10 0 9 7 11	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,3,7,11,	-(1,1,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0) -
15,13,7,11,15,12	-(2,2,1)(3,2,1)(4,2,1)(4,0,0)
1 4 7 10 0 9 7 11	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,3,7,11, $15,13,7,11,15,13$	-(3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1) -
	- (4,1,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0)

0-Y 序列	BMS
1,4,7,10,9,3, 7,11,15,13,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
	- (4,2,1)(4,1,0)(3,0,0)
1,4,7,10,9,3,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,11,15,13,9	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
7,11,10,10,9	- (4,2,1)(4,1,0)(3,1,0)
1,4,7,10,9,3,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,11,15,13,9,8	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
7,11,10,10,0,0	- (4,2,1)(4,1,0)(3,1,0)(3,0,0)
1,4,7,10,9,3,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,15,13,9,10	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
11,10,10,0,10	- (4,2,1)(4,1,0)(3,1,0)(4,0,0)
1,4,7,10,9,3,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,15,13,9,11	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
11,10,10,0,11	- (4,2,1)(4,1,0)(3,1,0)(4,1,0)
1,4,7,10,9,3,7,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,9,13,17,21,18	-(1,1,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0) -
10,10,0,10,11,21,10	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,0,0)
1,4,7,10,9,3,7,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,10,7,11,15,13	-(1,1,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0) -
13,10,10,11,11,13,10	- (3,2,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
3,7,11,15,14	- (1,1,0)(2,2,1)(3,2,1)(4,2,1)(4,2,0)
1,4,7,10,9,4	(0,0,0)(1,1,1)(2,1,1) -
, , , , , , , , , , , , , , , , , , , ,	- (3,1,1)(3,1,0)(1,1,1)
1,4,7,10,9,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
, ,,, -,-, ,-,-	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- (3,1,0)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,4,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,1,1,10,0,1,1,10,0	- (1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,9,4,7,10,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,0,4,1,10,0	- (1,1,1)(2,1,1)(3,1,1)(3,1,0)
1,4,7,10,9,5	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,10,0,0	- (3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,5,4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , , , , , , , , , , , , ,	- (3,1,0)(2,0,0)(1,1,1)
1,4,7,10,9,5,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	-(2,0,0)(1,1,1)(2,1,1)(3,1,1)

0-Y序列	BMS
1,4,7,10,9,5,4,7,10,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	-(2,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
1 4 7 10 0 5 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,5,4,	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,9,4,7,10,9	- (3,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
1 4 7 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9, 5,4,7,10,9,5	- (3,1,0)(2,0,0)(1,1,1)(2,1,1) -
5,4,7,10,9,5	- (3,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 5 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,5,5	- (3,1,0)(2,0,0)(2,0,0)
1,4,7,10,9,6	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,9,0	- (3,1,1)(3,1,0)(2,1,0)
1,4,7,10,9,6,4,7,10,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,0,4,7,10,9	-(2,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
1,4,7,10,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,5	- (3,1,0)(2,1,0)(1,1,1)(2,1,1) -
4,7,10,9,5	- (3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,6,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,0,0	- (3,1,0)(2,1,0)(3,1,0)
1,4,7,10,9,6,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,0,9	- (3,1,0)(2,1,0)(3,2,0)
1,4,7,10,9,6,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,3,0,10	- (3,1,0)(2,1,0)(3,2,1)
1,4,7,10,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
10,14,17,11	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,9,6,10,14,18	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,0,0,10,14,10	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,4,7,10,9,6,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
14,18,14,17,11	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
14,10,14,17,11	- (5,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,14,18	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
10,14,10,14,10	- (5,2,1)(4,2,1)(5,2,1)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
6,10,14,18,15	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)
1,4,7,10,9,6,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
14,18,16,4,7,10,9,5	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0) -
	-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)

0-Y 序列	BMS
1,4,7,10,9,6, 10,14,18,16,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,1)(5,1,0)(2,0,0)
1 4 7 10 0 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,6,	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
10,14,18,16,9	- (5,2,1)(5,1,0)(3,2,0)
1 4 7 10 0 6	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,6,	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
10,14,18,16,13	- (5,2,1)(5,1,0)(4,2,0)
1 4 7 10 0 6	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,6, 10,14,18,16,14	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
10,14,10,10,14	-(5,2,1)(5,1,0)(4,2,1)
1,4,7,10,9,6,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
14,18,16,14,17,11	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
14,10,10,14,17,11	- (5,2,1)(5,1,0)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,9,6,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
14,18,16,14,18	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
14,10,10,14,10	-(5,2,1)(5,1,0)(4,2,1)(5,2,1)
1,4,7,10,9,6,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
14,18,16,14,18,15	- (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) -
14,10,10,14,10,10	-(5,1,0)(4,2,1)(5,2,1)(5,0,0)
1,4,7,10,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,16,19	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
10,11,10,10,10	- (5,2,1)(5,1,0)(6,2,0)
1,4,7,10,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
10,14,18,17	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,0)
1,4,7,10,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,17,11	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,1)(5,2,0)(4,0,0)
1,4,7,10,9,7	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,10,0,1	- (3,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
6,10,14,18,17,14	- (3,1,0)(2,1,1)(2,1,0)(3,2,1) -
· · · · · · · · · · · · · · · · · · ·	- (4,2,1)(5,2,1)(5,2,0)(4,2,1)
1,4,7,10,9,7,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , , , , , , , , , , , , , , , , ,	- (3,1,0)(2,1,1)(2,1,1)
1,4,7,10,9,7,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
-, -, -, -, -, -, -, -, -, -, -, -, -, -	- (3,1,0)(2,1,1)(3,0,0)
1,4,7,10,9,7,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)

0 – Y 序列	BMS
1,4,7,10,9,7,9,4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)(1,1,1)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,0)(1,1,1) -
9,4,7,10,9,7,9	-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,0)
1 4 7 10 0 7 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,9,5	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 7 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,9,7	- (3,1,0)(2,1,1)(3,1,0)(2,1,1)
1 4 7 10 0 7 0 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,9,9,7	-(2,1,1)(3,1,0)(3,1,0)(2,1,1)
1 1 - 10 0 - 0 11 -	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,9,11,7	-(2,1,1)(3,1,0)(4,1,0)(2,1,1)
1 1 - 10 0 - 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,9,12	-(3,1,0)(2,1,1)(3,1,0)(4,2,0)
1 1 - 10 0 - 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,9,13	-(3,1,0)(2,1,1)(3,1,0)(4,2,1)
1 1 - 10 0 - 0 10 1 - 00	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,9,13,17,20	-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,0)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
9,13,17,20,14	- (5,2,1)(6,2,0)(5,0,0)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
9,13,17,20,17	- (5,2,1)(6,2,0)(5,2,1)
1 4 7 10 0 7 0 10 17 01	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,9,13,17,21	-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)
1 47 10 0 7 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,9,	- (2,1,1)(3,1,0)(4,2,1)(5,2,1) -
$13,\!17,\!21,\!17,\!20,\!14$	- (6,2,1)(5,2,1)(6,2,0)(5,0,0)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
9,13,17,21,17,21	-(5,2,1)(6,2,1)(5,2,1)(6,2,1)
1 4 7 4 2 2 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
9,13,17,21,18	- (5,2,1)(6,2,1)(6,0,0)
1 4 7 10 0 7 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,9, $13,17,21,19,5$	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(6,1,0)(2,0,0)

0-Y 序列	BMS
1,4,7,10,9,7, 9,13,17,21,20	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(3,1,0)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(6,2,0)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
9,13,17,21,20,14	- (5,2,1)(6,2,1)(6,2,0)(5,0,0)
1 4 7 10 0 7 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,10	- (3,1,0)(2,1,1)(3,1,1)
1 4 7 10 0 7 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,	-(2,1,1)(3,1,1)(2,1,0)(3,2,1)(4,2,1) -
6,10,14,18,17,14,18	- (5,2,1)(5,2,0)(4,2,1)(5,2,1)
1 4 7 10 0 7 10 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,10,7	- (3,1,0)(2,1,1)(3,1,1)(2,1,1)
1,4,7,10,9,7,10,7,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,7,9	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)
1 4 7 10 0 7 10 7 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,7,9,5	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 7 10 7 0 6	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,7,9,6	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,0)
1,4,7,10,9,7,10,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,7,9,7	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,10,7,9,7,9	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)
1.4.7.10.9.7.	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,7,9,7,9,5	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
10,1,3,1,3,0	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,7,10,7,9,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,1,1,10,5,1,10,1,5,0	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(3,0,0)
1,4,7,10,9,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,7,9,9,7	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
10,1,3,3,1	- (3,1,0)(3,1,0)(2,1,1)
1,4,7,10,9,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,7,9,11,7	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
10,1,3,11,1	- (3,1,0)(4,1,0)(2,1,1)
1,4,7,10,9,7,10,7,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
-, -, -, -0, 0, 1, -0, 1, 0, 12	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)
1,4,7,10,9,7,10,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,13,17,21,20,14	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(6,2,0)(5,0,0)

0-Y序列	BMS
1,4,7,10,9,7,10,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (2,1,1)(3,1,1)(2,1,1)(3,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
10,7,10,7,9,5	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,10,8	- (3,1,0)(2,1,1)(3,1,1)(3,0,0)
1 4 7 10 0 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,8,5	-(2,1,1)(3,1,1)(3,0,0)(2,0,0)
1 1 - 10 0 - 10 0 -	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,8,7	-(2,1,1)(3,1,1)(3,0,0)(2,1,1)
1 1 - 10 0 - 10 0 - 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,8,7,9	-(2,1,1)(3,1,1)(3,0,0)(2,1,1)(3,1,0)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,1)(3,0,0) -
10,8,7,9,5	-(2,1,1)(3,1,0)(2,0,0)
1 1 - 10 0 - 10 0 - 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,8,7,10	-(2,1,1)(3,1,1)(3,0,0)(2,1,1)(3,1,1)
1 4 7 10 0 7 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,	-(2,1,1)(3,1,1)(3,0,0)(2,1,1) -
8,7,10,7,9,5	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,1)(3,0,0) -
10,8,7,10,7,10	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1 4 7 10 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,	- (3,1,0)(2,1,1)(3,1,1)(3,0,0) -
10,8,7,10,8	- (2,1,1)(3,1,1)(3,0,0)
1 4 7 10 0 7 10 0 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,8,8	-(2,1,1)(3,1,1)(3,0,0)(3,0,0)
1 4 7 10 0 7 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,7,10,9	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)
1 4 7 10 0 7 10 0 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,9,4	-(2,1,1)(3,1,1)(3,1,0)(1,1,1)
1 4 7 10 0 7 10 0 8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,9,5	-(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
7,10,9,7,9,12	- (2,1,1)(3,1,0)(4,2,0)
1 4 7 10 0 7 10 0 7 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,7,10,9,7,10	-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)

0-Y序列	BMS
1,4,7,10,9,7, 10,9,7,10,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,9,7,10,8	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
10,9,7,10,0	- (2,1,1)(3,1,1)(3,0,0)
1,4,7,10,9,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,9,7,10,9,5	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
10,5,1,10,5,5	-(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,7,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,7,10,9,7,10,9,5	-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1) -
3,1,10,3,1,10,3,5	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,8	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,5,0	- (3,1,1)(3,1,0)(3,0,0)
1,4,7,10,9,8,4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,3,0,4	- (3,1,0)(3,0,0)(1,1,1)
1,4,7,10,9,8,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,3,0,4,1,3,0	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,6,10,14,18,17,15	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
3,0,10,14,10,11,10	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(5,0,0)
1,4,7,10,9,8,4,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,1,1,10,0,0,1,1,0,1	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,8,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,9,13,17,21,20,18	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
1,0,10,11,121,20,10	- (5,2,1)(6,2,1)(6,2,0)(6,0,0)
1,4,7,10,9,8,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
, ,,, -,-,-, ,,, -	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,7,9,5	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
-,,,,,-,-	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,7,9,7	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
2,1,20,1,0,1	- (3,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,7,10	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
1,1,10,1,10	- (3,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,8,4,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)

0-Y 序列	BMS
1,4,7,10,9,8,4,7,10,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
1 4 7 10 0 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,8,	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
4,7,10,9,5	- (3,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,8, 4,7,10,9,7	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
4,1,10,9,1	- (3,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,7,9	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
4,1,10,5,1,5	- (3,1,1)(3,1,0)(2,1,1)(3,1,0)
1,4,7,10,9,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,7,10	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
4,1,10,3,1,10	- (3,1,1)(3,1,0)(2,1,1)(3,1,1)
1,4,7,10,9,8,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,9,7,10,8	- (3,1,0)(3,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,0,7,10,0	- (3,1,0)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,9,8,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
10,9,7,10,9,5	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
10,0,1,10,0,0	- (2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
8,4,7,10,9,8	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
C,1,1,10,0,C	- (3,1,1)(3,1,0)(3,0,0)
1,4,7,10,9,8,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,1,10,0,0,0	- (3,1,0)(3,0,0)(2,0,0)
1,4,7,10,9,8,6	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,1,10,0,0,0,0	- (3,1,0)(3,0,0)(2,1,0)
1,4,7,10,9,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
6,4,7,10,9,8	- (3,1,0)(3,0,0)(2,1,0)(1,1,1) -
0,1,1,10,0,0	- (2,1,1)(3,1,1)(3,1,0)(3,0,0)
1,4,7,10,9,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
6,10,14,18,17,15	-(3,1,0)(3,0,0)(2,1,0)(3,2,1) -
0,10,17,10,17,10	- (4,2,1)(5,2,1)(5,2,0)(5,0,0)
1,4,7,10,9,8,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, ,.,==,,=,,	- (3,1,0)(3,0,0)(2,1,1)
1,4,7,10,9,8,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
, , , , , , , , , , , , , , , , , , , ,	- (3,0,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,8,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(3,0,0)(2,1,1)(3,1,1)

0-Y序列	BMS
1,4,7,10,9,8,7,10,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (3,0,0)(2,1,1)(3,1,1)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,8,	-(3,1,0)(3,0,0)(2,1,1)(3,1,1) -
7,10,7,9,5	-(2,1,1)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,8,7,10,7,10	-(3,0,0)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,8,7,10,8	- (3,0,0)(2,1,1)(3,1,1)(3,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,8,7,10,9	-(3,0,0)(2,1,1)(3,1,1)(3,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,8,7,10,9,5	-(3,0,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,8,7,10,9,7	-(3,0,0)(2,1,1)(3,1,1)(3,1,0)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,8,	- (3,1,0)(3,0,0)(2,1,1)(3,1,1) -
7,10,9,7,10	- (3,1,0)(2,1,1)(3,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,8,	- (3,1,0)(3,0,0)(2,1,1)(3,1,1) -
7,10,9,7,10,9	-(3,1,0)(2,1,1)(3,1,1)(3,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,8,7,	- (3,1,0)(3,0,0)(2,1,1)(3,1,1) -
10,9,7,10,9,5	-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1.1.7.10.00.7.10.00	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,8,7,10,9,8	- (3,0,0)(2,1,1)(3,1,1)(3,1,0)(3,0,0)
1.1.5.10.0.0	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,9,8,8	- (3,1,1)(3,1,0)(3,0,0)(3,0,0)
1 4 7 10 0 0	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,9,9	- (3,1,1)(3,1,0)(3,1,0)
1 4 7 10 0 0 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9,4	- (3,1,0)(3,1,0)(1,1,1)
1 4 7 10 0 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9,	- (3,1,0)(3,1,0)(1,1,1)(2,1,1) -
4,7,10,9,9	- (3,1,1)(3,1,0)(3,1,0)
1.1510005	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9,5	- (3,1,0)(3,1,0)(2,0,0)
1 4 7 10 0 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9, 5,4,7,10,9,9,5	- (3,1,0)(3,1,0)(2,0,0)(1,1,1) -
	-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)

0-Y序列	BMS
1,4,7,10,9,9,6	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(3,1,0)(2,1,0)
1 4 7 10 0 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9,	- (3,1,0)(3,1,0)(2,1,0)(1,1,1) -
6,4,7,10,9,9,5	-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)
1 4 7 10 0 0 6 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9,6,10	- (3,1,0)(3,1,0)(2,1,0)(3,2,1)
1,4,7,10,9,9,6,10,14,18	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,9,0,10,14,16	- (3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,4,7,10,9,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,17,11	- (3,1,0)(3,1,0)(2,1,0)(3,2,1) -
10,14,10,17,11	- (4,2,1)(5,2,1)(5,2,0)(4,0,0)
1,4,7,10,9,9,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,17,17,11	- (3,1,0)(3,1,0)(2,1,0)(3,2,1)(4,2,1) -
10,14,10,17,17,11	- (5,2,1)(5,2,0)(5,2,0)(4,0,0)
1 4 7 10 0 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9,7	- (3,1,0)(3,1,0)(2,1,1)
1 4 7 10 0 0 7 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9,7,9,7	- (3,1,0)(3,1,0)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,9,7,9,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,9,7,9,10	- (3,1,0)(2,1,1)(3,1,0)(4,2,1)
1,4,7,10,9,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,9,13,17,21	- (3,1,0)(3,1,0)(2,1,1)(3,1,0) -
1,3,13,11,21	- (4,2,1)(5,2,1)(6,2,1)
1,4,7,10,9,9,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
9,13,17,21,20,14	- (3,1,0)(3,1,0)(2,1,1)(3,1,0) -
3,13,11,21,20,14	-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(5,0,0)
1,4,7,10,9,9,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
13,17,21,20,20,14	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
15,11,21,20,20,14	- (5,2,1)(6,2,1)(6,2,0)(6,2,0)(5,0,0)
1,4,7,10,9,9,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,3,3,7,10	- (3,1,0)(3,1,0)(2,1,1)(3,1,1)
1,4,7,10,9,9,7,10,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,9,7,10,7	- (3,1,0)(2,1,1)(3,1,1)(2,1,1)
1,4,7,10,9,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,9,5	- (3,1,0)(3,1,0)(2,1,1)(3,1,1) -
1,10,1,0,0	- (2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,9,7,10,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,9,9,1,10,1,10	- (3,1,0)(2,1,1)(3,1,1)(2,1,1)(3,1,1)

0-Y 序列	BMS
1,4,7,10,9,9,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (3,1,0)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,7,10,9,5	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,7,10,9,7	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,1,1)
1 4 7 10 0 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,9,7,	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
10,9,7,10,9,5	-(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 0 7 10 0 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,9,7,10,9,8	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)(3,0,0)
1 4 7 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,	- (3,1,0)(3,1,0)(2,1,1)(3,1,1) -
9,7,10,9,9,5	- (3,1,0)(3,1,0)(2,0,0)
1 4 7 10 0 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,9,7,	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)(3,1,0) -
10,9,9,7,10,9,9,5	-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)
1 4 7 10 0 0 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9,8	- (3,1,0)(3,1,0)(3,0,0)
1 4 7 10 0 0 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,9,9,5	- (3,1,0)(3,1,0)(3,1,0)(2,0,0)
1,4,7,10,9,10	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,9,10	- (3,1,1)(3,1,0)(4,0,0)
1,4,7,10,9,10,4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,4	- (3,1,0)(4,0,0)(1,1,1)
1,4,7,10,9,10,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,3,10,4,7,3,3	- (4,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,10,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,6,10,14,18,17,18	- (4,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
3,0,10,14,10,17,10	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(6,0,0)
1,4,7,10,9,10,4,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,3,10,4,1,3,1	- (4,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,10,4,7,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,0,10,4,1,0,12	- (4,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
1,4,7,10,9,10,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,9,13,17,20,14	- (4,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,0,10,11,20,11	- (4,2,1)(5,2,1)(6,2,0)(5,0,0)
1,4,7,10,9,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,9,13,17,21	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)

0-Y序列	BMS
1,4,7,10,9,10,4, 7,9,13,17,21,20,21	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (4,2,1)(5,2,1)(6,2,1)(6,2,0)(7,0,0)
1 4 7 10 0 10 4 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,10,4,7,	-(4,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
9,13,17,21,20,21,12	- (5,2,1)(6,2,1)(6,2,0)(7,0,0)(4,2,0)
1,4,7,10,9,10,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,10,4,7,10	- (4,0,0)(1,1,1)(2,1,1)(3,1,1)
1 4 7 10 0 10 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,4,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
7,10,7,9,5	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
4,7,10,7,10	- (3,1,1)(2,1,1)(3,1,1)
1 4 7 10 0 10 4 7 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,10,4,7,10,8	- (4,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
4,7,10,9,5	- (3,1,1)(3,1,0)(2,0,0)
1.4710.010	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
4,7,10,9,7	- (3,1,1)(3,1,0)(2,1,1)
1 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
4,7,10,9,7,10	- (3,1,1)(3,1,0)(2,1,1)(3,1,1)
1 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,7,10,9,5	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
4,7,10,9,8	- (3,1,1)(3,1,0)(3,0,0)
1 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
4,7,10,9,9,5	- (3,1,1)(3,1,0)(3,1,0)(2,0,0)
1 4 7 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9, 10,4,7,10,9,10	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
10,4,7,10,9,10	- (3,1,1)(3,1,0)(4,0,0)
1,4,7,10,9,10,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,0,0)(2,0,0)

0-Y 序列	BMS
1,4,7,10,9,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,0,0)(2,1,0)(1,1,1) -
6,4,7,10,9,10	- (2,1,1)(3,1,1)(3,1,0)(4,0,0)
1,4,7,10,9,10,6,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,0,0)(2,1,0)(3,2,1)
1 4 7 10 0 10 6 10 14 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,10,6,10,14,18	-(4,0,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)
1 4 7 10 0 10 6	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,6,	- (3,1,0)(4,0,0)(2,1,0)(3,2,1) -
10,14,18,17,18	-(4,2,1)(5,2,1)(5,2,0)(6,0,0)
1 4 7 10 0 10 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,7	- (3,1,0)(4,0,0)(2,1,1)
1 4 7 10 0 10 7 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,7,9,5	- (3,1,0)(4,0,0)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 10 7 0 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,10,7,9,7	-(4,0,0)(2,1,1)(3,1,0)(2,1,1)
1 4 7 10 0 10 7 0 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,10,7,9,13	-(4,0,0)(2,1,1)(3,1,0)(4,2,1)
1 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,	- (3,1,0)(4,0,0)(2,1,1)(3,1,0) -
7,9,13,17,21	- (4,2,1)(5,2,1)(6,2,1)
1 4 7 10 0 10 7 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,7,10	- (3,1,0)(4,0,0)(2,1,1)(3,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,7,10,7,9,5	- (3,1,0)(4,0,0)(2,1,1)(3,1,1) -
	- (2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 10 7 10 7 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,10,7,10,7,10	-(4,0,0)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,10,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,7,10,0	- (3,1,0)(4,0,0)(2,1,1)(3,1,1)(3,0,0)
1 4 7 10 0 10 7 10 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,10,7,10,9,5	- (4,0,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 10 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,10,7,10,9,10	- (4,0,0)(2,1,1)(3,1,1)(3,1,0)(4,0,0)
1 / 7 10 0 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,8	- (3,1,0)(4,0,0)(3,0,0)
1 4 7 10 0 10 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,9,5	- (3,1,0)(4,0,0)(3,1,0)(2,0,0)
1,4,7,10,9,10,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,0,0)(3,1,0)(2,1,1)

0-Y 序列	BMS
1,4,7,10,9,10,9,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,0,0)(3,1,0)(3,1,0)(2,0,0)
1,4,7,10,9,10,9,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,0,0)(3,1,0)(4,0,0)
1 4 7 10 0 10 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,10,10	- (3,1,0)(4,0,0)(4,0,0)
1 4 7 10 0 11	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,9,11	- (3,1,1)(3,1,0)(4,1,0)
1 4 7 10 0 11 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,11,5	-(3,1,0)(4,1,0)(2,0,0)
1 4 7 10 0 11 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,11,5,	- (3,1,0)(4,1,0)(2,0,0)(1,1,1) -
4,7,10,9,11,5	-(2,1,1)(3,1,1)(3,1,0)(4,1,0)(2,0,0)
1,4,7,10,9,11,6	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,11,0	- (3,1,0)(4,1,0)(2,1,0)
1 4 7 10 0 11 6	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,11,6,	-(4,1,0)(2,1,0)(3,2,1)(4,2,1) -
10,14,18,17,20,11	- (5,2,1)(5,2,0)(6,2,0)(4,0,0)
1,4,7,10,9,11,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,11,7	- (3,1,0)(4,1,0)(2,1,1)
1,4,7,10,9,11,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,11,7,9,0	-(4,1,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,11,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
13,17,21,20,23,14	-(4,1,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
15,17,21,20,25,14	- (6,2,1)(6,2,0)(7,2,0)(5,0,0)
1,4,7,10,9,11,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,1,10,0,11,1,10	- (3,1,0)(4,1,0)(2,1,1)(3,1,1)
1,4,7,10,9,11,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,1,1,10,0,11,1,10,0	- (4,1,0)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,9,11,7,10,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,1,1,10,0,11,1,10,0,0	-(4,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,11,7,10,9,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,1,1,10,0,11,1,10,0,110	-(4,1,0)(2,1,1)(3,1,1)(3,1,0)(4,0,0)
1,4,7,10,9,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,9,11,5	- (3,1,0)(4,1,0)(2,1,1)(3,1,1) -
1,,=0,0,==,0	- (3,1,0)(4,1,0)(2,0,0)
1,4,7,10,9,11,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , - , - , - , - , -	- (3,1,0)(4,1,0)(3,0,0)
1,4,7,10,9,11,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,1,0)(3,1,0)(2,0,0)

0-Y序列	BMS
1,4,7,10,9,11,9,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(3,1,0)(4,1,0)(3,1,0)(4,0,0)
1,4,7,10,9,11,9,11,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,1,0)(3,1,0)(4,1,0)(2,0,0)
1 4 7 10 0 11 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,11,10	- (3,1,0)(4,1,0)(4,0,0)
1 4 7 10 0 11 11 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,11,11,5	- (3,1,0)(4,1,0)(4,1,0)(2,0,0)
1 4 7 10 0 11 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,11,12	- (3,1,0)(4,1,0)(5,0,0)
1 4 7 10 0 11 19 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,11,13,5	- (3,1,0)(4,1,0)(5,1,0)(2,0,0)
1 4 7 10 0 11 12 14	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,11,13,14	- (3,1,0)(4,1,0)(5,1,0)(6,0,0)
1,4,7,10,9,11,13,15,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,11,13,13,3	- (4,1,0)(5,1,0)(6,1,0)(2,0,0)
1,4,7,10,9,12	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,9,12	- (3,1,1)(3,1,0)(4,2,0)
1,4,7,10,9,12,4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,4	- (3,1,0)(4,2,0)(1,1,1)
1,4,7,10,9,12,4,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,3,12,4,7,3,0	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,9,6,10,14,17,11	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,0) -
1,0,0,10,14,11,11	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
4,7,9,6,10,14,18	- (4,2,0)(1,1,1)(2,1,1)(3,1,0) -
1,1,0,0,10,11,10	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,9,6,10,14,18,14	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
1,0,0,10,11,10,11	- (3,2,1)(4,2,1)(5,2,1)(4,2,1)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,6,10,14,18,14,18	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
<u> </u>	- (3,2,1)(4,2,1)(5,2,1)(4,2,1)(5,2,1)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,6,10,14,18,15	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
, , , , -, -	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,6,10,14,18,15,14	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)(4,2,1)

0-Y 序列	BMS
1,4,7,10,9,12,4,7, 9,6,10,14,18,15,15	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)(5,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,6,10,14,18,17,11	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
0,0,10,11,10,11,11	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(4,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,6,10,14,18,17,15	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
0,0,10,11,10,11,10	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(5,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,6,10,14,18,17,18	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
0,0,10,11,10,11,10	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(6,0,0)
1,4,7,10,9,12,4,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,0,12,4,1,0,1	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,4,7,9,7,7	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
12,4,1,9,1,1	- (3,1,0)(2,1,1)(2,1,1)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,4,7,9,7,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
12,4,1,3,1,3	- (3,1,0)(2,1,1)(3,1,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,9,7,9,5	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,1,0,1,0,0	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,4,7,9,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,1,1,10,0,12,1,1,0,0	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(3,0,0)
1,4,7,10,9,12,4,7,9,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,0,12,4,1,0,0	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,9,9,5	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,1,0,0,0	- (3,1,0)(3,1,0)(2,0,0)
1,4,7,10,9,12,4,7,9,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,3,12,4,1,3,10	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,9,11,5	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
1,1,0,11,0	- (3,1,0)(4,1,0)(2,0,0)
1,4,7,10,9,12,4,7,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
±, ±, 1, ±0,0,±2, ±, 1,0,±2	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
1,4,7,10,9,12,4,7,9,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,8,12,4,1,8,13	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)

0-Y 序列	BMS
1,4,7,10,9,12,4, 7,9,13,17,20,14	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,0) -
	- (4,2,1)(5,2,1)(6,2,0)(5,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,9,13,17,21	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,1,3,10,11,21	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,9,13,17,21,17	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
1,0,10,11,21,11	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,13,17,21,17,20,14	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
0,10,11,21,11,20,11	-(5,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,13,17,21,20,14	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
0,10,11,21,20,11	- (5,2,1)(6,2,1)(6,2,0)(5,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,13,17,21,20,24	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
0,10,11,21,20,21	- (5,2,1)(6,2,1)(6,2,0)(7,3,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,13,17,21,20,24,8	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
0,10,11,21,20,21,0	- (5,2,1)(6,2,1)(6,2,0)(7,3,0)(3,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,13,17,21,20,24,10	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
0,10,11,21,20,21,10	-(5,2,1)(6,2,1)(6,2,0)(7,3,0)(4,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
9,13,17,21,20,24,12	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(6,2,0)(7,3,0)(4,2,0)
1,4,7,10,9,12,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
, , , , , , , , , , , , ,	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
4,7,10,4,7,9,5	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
-, · , - ∘ , -, · , ∘ , ∘	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
4,7,10,4,7,9,7	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
-, · , - ∘ , -, · , ∘ , ·	- (1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
4,7,10,4,7,9,12	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
	- (1,1,1)(2,1,1)(3,1,0)(4,2,0)

0-Y序列	BMS
0-1770	
1,4,7,10,9,12, $4,7,10,4,7,10$	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,12,4,7,10,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,0,0)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,4,7,10,6,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(2,1,0)(3,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,4,7,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
10,6,10,14,18,17,21	- (3,1,1)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,1)(5,2,0)(6,3,0)
1,4,7,10,9,12,4,7,10,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
4,7,10,7,4,7,9,5	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,10,1,1,10,0	-(2,1,1)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
4,7,10,7,4,7,9,7	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
4,1,10,1,4,1,0,1	- (1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
4,7,10,7,4,7,10	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
4,1,10,1,4,1,10	- (2,1,1)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,4,7,10,7	-(3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
1,10,1,4,1,10,1	-(2,1,1)(1,1,1)(2,1,1)(3,1,1)(2,1,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,7,7	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,7,10,7,7	- (3,1,1)(2,1,1)(2,1,1)
1 4 7 10 0 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12, 4,7,10,7,8	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,7,10,7,8	- (3,1,1)(2,1,1)(3,0,0)
1 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,7,10,7,9,5	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 10 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,12,4,	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
7,10,7,9,5,4,7,10	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,1)

0-Y 序列	BMS
1,4,7,10,9,12,4, 7,10,7,9,5,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(3,1,0)(2,0,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,	-(3,1,0)(4,2,0)(1,1,1)(2,1,1)
4,7,10,7,9,7	-(3,1,1)(2,1,1)(3,1,0)(2,1,1)
1.47.10.0.10.4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,4,	-(3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,9,7,9,5	-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 10 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,12,4,	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,9,9,5	-(2,1,1)(3,1,0)(3,1,0)(2,0,0)
1 4 7 10 0 10 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,4, 7,10,7,9,11,5	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,9,11,5	-(2,1,1)(3,1,0)(4,1,0)(2,0,0)
1 4 7 10 0 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12, 4,7,10,7,9,12	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,7,10,7,9,12	- (3,1,1)(2,1,1)(3,1,0)(4,2,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,7,9,13	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,7,10,7,9,10	- (3,1,1)(2,1,1)(3,1,0)(4,2,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,7,10	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,1,10,1,10	- (3,1,1)(2,1,1)(3,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,4,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
7,10,7,10,4,7,9,5	- (3,1,1)(2,1,1)(3,1,1)(1,1,1) -
	- (2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
10,7,10,4,7,9,7	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
10,1,10,1,1,0,1	- (3,1,1)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,12,4, 7,10,7,10,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
,,==,,,==,	-(2,1,1)(3,1,1)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,7,10,7	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
, , , , -).	- (3,1,1)(2,1,1)(3,1,1)(2,1,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,10,7,9,5	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)

0-Y序列	BMS
1,4,7,10,9,12,4, 7,10,7,10,7,9,7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,7,10,7,10	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,7,10,7,10	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,12,4,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,3,12,4,1,10,0	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
4,7,10,8,4,7,9,5	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
4,1,10,0,4,1,3,0	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,8,4,7,9,7	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
1,10,0,4,1,3,1	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
4,7,10,8,4,7,10	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,0,4,7,10	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,8,4,7,10,7,10	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
7,10,0,4,7,10,7,10	-(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,8,4,7,10,8	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,10,0,1,1,10,0	- (1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,8,6,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
1,1,10,0,0,0	- (3,1,1)(3,0,0)(2,1,0)(3,2,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
10,8,6,10,14,17,11	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,9,12,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
10,8,6,10,14,18	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
	-(3,0,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,8,7	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
2,1,20,0,1	- (3,1,1)(3,0,0)(2,1,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,8,7,9,5	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(2,1,1)(3,1,0)(2,0,0)

0-Y序列	BMS
1,4,7,10,9,12, 4,7,10,8,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(3,1,0)(4,2,0)(1,1,1)(2,1,1)
	- (3,1,1)(3,0,0)(2,1,1)(3,1,1)
1 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,7,10,8,8	- (3,1,1)(3,0,0)(3,0,0)
1,4,7,10,9,12,4,7,10,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,1,10,9,12,4,1,10,9	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,5	-(3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,1,10,0,0	- (3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,6,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,1,10,0,0,0	- (3,1,1)(3,1,0)(2,1,0)(3,2,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,7	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,1,10,0,1	- (3,1,1)(3,1,0)(2,1,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,9,7,9,5	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
1,10,0,1,0,0	- (3,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,9,7,9,12	-(3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
1,10,0,1,0,12	- (3,1,0)(2,1,1)(3,1,0)(4,2,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,7,10	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
1,1,10,0,1,10	- (3,1,1)(3,1,0)(2,1,1)(3,1,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,9,7,10,6,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
,,==,,=,,==,,=	-(3,1,0)(2,1,1)(3,1,1)(2,1,0)(3,2,0)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,9,7,10,7	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
.,==,=,,,==,,	-(3,1,1)(3,1,0)(2,1,1)(3,1,1)(2,1,1)
1,4,7,10,9,12,4, $7,10,9,7,10,7,9,5$	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
., -,-,-,-,-,-,-,-	- (2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,9,7,10,7,9,7	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,1)

0-Y序列	BMS
1,4,7,10,9,12,4,7, 10,9,7,10,7,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)
1 4 7 10 0 19 4	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,12,4, 7,10,9,7,10,7,10	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,9,7,10,7,10	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,9,7,10,8	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,9,7,10,6	- (3,1,0)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,9,12,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,9,7,10,9,5	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,10,3,1,10,3,0	-(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,8	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
1,1,10,0,0	- (3,1,1)(3,1,0)(3,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,9,5	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
1,1,10,0,0,0	- (3,1,1)(3,1,0)(3,1,0)(2,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,9,7	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
,,, -,-,-,	- (3,1,1)(3,1,0)(3,1,0)(2,1,1)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,9,8	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
, , , , ,	- (3,1,1)(3,1,0)(3,1,0)(3,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,9,9,5	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	-(3,1,1)(3,1,0)(3,1,0)(3,1,0)(2,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,10	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(4,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
4,7,10,9,11	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	-(3,1,1)(3,1,0)(4,1,0)
1,4,7,10,9,12, $4,7,10,9,11,5$	(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	$ \begin{array}{c c} -(3,1,1)(3,1,0)(4,1,0)(2,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1) - \end{array} $
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
4,7,10,9,12	
	- (3,1,1)(3,1,0)(4,2,0)

0-Y 序列	BMS
1,4,7,10,9,12,6,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(3,1,0)(4,2,0)(2,1,0)(3,2,0)
1.4.7.10.0.10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,	- (3,1,0)(4,2,0)(2,1,0)(3,2,1) -
6,10,14,17,11	- (4,2,1)(5,2,0)(4,0,0)
1.4 7 10.0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,	- (3,1,0)(4,2,0)(2,1,0)(3,2,1) -
6,10,14,18,17,11	-(4,2,1)(5,2,1)(5,2,0)(4,0,0)
1 4 7 10 0 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,6,	- (3,1,0)(4,2,0)(2,1,0)(3,2,1 -
10,14,18,17,20,11	-(4,2,1)(5,2,1)(5,2,0)(6,2,0)(4,0,0)
1 4 7 10 0 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,6,	- (3,1,0)(4,2,0)(2,1,0)(3,2,1) -
10,14,18,17,21	- (4,2,1)(5,2,1)(5,2,0)(6,3,0)
1 4 7 10 0 10 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,7	- (3,1,0)(4,2,0)(2,1,1)
1 4 7 10 0 10 7 0 5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,7,9,5	- (3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,0,0)
1 4 7 10 0 19 7 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,7,10	- (3,1,0)(4,2,0)(2,1,1)(3,1,1)
1,4,7,10,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,7,10,7,9,5	- (3,1,0)(4,2,0)(2,1,1)(3,1,1) -
12,7,10,7,9,5	- (2,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,7,10,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,12,7,10,9,5	- (4,2,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
7,10,9,12	- (4,2,0)(2,1,1)(3,1,1)(3,1,0)(4,2,0)
1,4,7,10,9,12,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,1,10,9,12,9,12	- (3,1,0)(4,2,0)(3,1,0)(4,2,0)
1,4,7,10,9,12,11,14	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,1,10,0,12,11,14	- (3,1,0)(4,2,0)(4,1,0)(5,2,0)
1,4,7,10,9,12,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,1,10,0,12,12	- (3,1,0)(4,2,0)(4,2,0)
1,4,7,10,9,12,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,1,10,0,12,10	- (3,1,0)(4,2,0)(5,0,0)
1,4,7,10,9,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
14,4,7,10,9,12	- (3,1,0)(4,2,0)(5,1,0)(1,1,1) -
11,1,1,1,10,0,12	- (2,1,1)(3,1,1)(3,1,0)(4,2,0)
1,4,7,10,9,12,15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,2,0)(5,2,0)

0 – Y 序列	BMS
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,12,15,17,5	- (4,2,0)(5,2,0)(6,1,0)(2,0,0)
1,4,7,10,9,12,15,17,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(5,2,0)(6,1,0)(5,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,15,18	- (3,1,0)(4,2,0)(5,2,0)(6,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,	-(3,1,0)(4,2,0)(5,2,0)(6,2,0) -
15,18,12,15,18	- (4,2,0)(5,2,0)(6,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,12,16	- (3,1,0)(4,2,0)(5,3,0)
	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,9,13	-(3,1,1)(3,1,0)(4,2,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,13,17	- (3,1,0)(4,2,1)(5,2,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,13,17,19	- (3,1,0)(4,2,1)(5,2,1)(6,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,13,17,19,5	-(3,1,0)(4,2,1)(5,2,1)(6,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,13,17,20	-(3,1,0)(4,2,1)(5,2,1)(6,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,4,7,10,9,13,17,20,14	-(4,2,1)(5,2,1)(6,2,0)(5,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,13,17,21	-(3,1,0)(4,2,1)(5,2,1)(6,2,1)
1,4,7,10,9,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
17,21,20,24	-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(7,3,0)
1 1 - 10 0 10 1-	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,9,13,17,	- (3,1,0)(4,2,1)(5,2,1)(6,2,1) -
21,20,24,28,32	-(6,2,0)(7,3,0)(8,3,0)(9,3,0)
1,4,7,10,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,10,4,7,9,5	-(3,1,1)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,10,4, 7,9,13,17,21,21	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,1)(1,1,1)(2,1,1)(3,1,0) -
	-(4,2,1)(5,2,1)(6,2,1)(6,2,1)
1.4510.10.45	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
$1,4,7,10,10,4,7, \\9,13,17,21,21,12$	- (3,1,1)(1,1,1)(2,1,1)(3,1,0) -
	-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(4,2,0)

0-Y序列	BMS
1,4,7,10,10,4,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,1)(1,1,1)(2,1,1)(3,1,1)
1,4,7,10,10,4,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,1)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1 4 7 10 10 4 7 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
1,4,7,10,10,4,7,10,9,12	- (1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,0)
1 4 7 10 10 4 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,10,4,7,	- (3,1,1)(1,1,1)(2,1,1)(3,1,1) -
10,9,13,17,21,21	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)
1 4 7 10 10 4 7	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
1,4,7,10,10,4,7, 10,9,13,17,21,21,6,9	-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1) -
10,9,13,17,21,21,0,9	- (5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,0)
1,4,7,10,10,4,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
10,9,13,17,21,21,12	- (1,1,1)(2,1,1)(3,1,1)(3,1,0) -
10,9,13,17,21,21,12	-(4,2,1)(5,2,1)(6,2,1)(6,2,1)(4,2,0)
1,4,7,10,10,4,7,10,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,10,4,7,10,10	- (3,1,1)(1,1,1)(2,1,1)(3,1,1)(3,1,1)
1 4 7 10 10 5	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,10,5	- (3,1,1)(3,1,1)(2,0,0)
1,4,7,10,10,6,4,7,10,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
1,4,7,10,10,0,4,7,10,10	-(2,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)
1,4,7,10,10,6,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,10,0,0	- (3,1,1)(2,1,0)(3,2,0)
1,4,7,10,10,6,9,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,10,0,3,13	- (3,1,1)(2,1,0)(3,2,0)(4,3,0)
1,4,7,10,10,6,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,1,10,10,0,10	- (3,1,1)(2,1,0)(3,2,1)
1,4,7,10,10,6,10,14,17	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
1,4,1,10,10,0,10,14,11	- (2,1,0)(3,2,1)(4,2,1)(5,2,0)
1,4,7,10,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
6,10,14,17,11	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,4,7,10,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
6,10,14,18,18	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)
1,4,7,10,10,7	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,10,10,1	- (3,1,1)(3,1,1)(2,1,1)
1,4,7,10,10,7,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
-,1,1,10,10,1,0	- (3,1,1)(2,1,1)(3,1,0)
1,4,7,10,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,9,4,7,10,10	- (3,1,1)(2,1,1)(3,1,0)(1,1,1) -
	- (2,1,1)(3,1,1)(3,1,1)

0-Y序列	BMS
1,4,7,10,10,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,10,7,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,10,7,9,12	- (3,1,1)(2,1,1)(3,1,0)(4,2,0)
1,4,7,10,10,7,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
9,13,17,20,14	- (3,1,1)(2,1,1)(3,1,0)(4,2,1) -
9,10,17,20,14	- (5,2,1)(6,2,0)(5,0,0)
1,4,7,10,10,7,9,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,17,21,21,17,20,14	- (3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
13,17,21,21,17,20,14	- (6,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)
1,4,7,10,10,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,10,7,10	- (3,1,1)(2,1,1)(3,1,1)
1,4,7,10,10,7,10,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
1,4,7,10,10,7,10,7,3,0	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,10,7,10,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,1,10,10,1,10,0	- (3,1,1)(2,1,1)(3,1,1)(3,0,0)
1,4,7,10,10,7,10,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
1,4,1,10,10,1,10,0,0	- (2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,4,7,10,10,7,10,9,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
1,1,1,10,10,1,10,0,0,0	-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)
1,4,7,10,10,7,10,9,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
1,1,1,10,10,1,10,0,10	- (2,1,1)(3,1,1)(3,1,0)(4,0,0)
1,4,7,10,10,7,10,9,11,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
	-(2,1,1)(3,1,1)(3,1,0)(4,1,0)(2,0,0)
1,4,7,10,10,7,10,9,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
, ,,,, -, -,,,	- (2,1,1)(3,1,1)(3,1,0)(4,2,0)
1,4,7,10,10,7,10,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , , , , , , ,	- (3,1,1)(2,1,1)(3,1,1)(3,1,1)
1,4,7,10,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
7,10,10,7,9,5	-(3,1,1)(2,1,1)(3,1,1)(3,1,1) -
., -, -, -,-,-	- (2,1,1)(3,1,0)(2,0,0)
1,4,7,10,10,8	(0,0,0)(1,1,1)(2,1,1) -
,,,,,,	- (3,1,1)(3,1,1)(3,0,0)
1,4,7,10,10,8,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
, , , , -,-,-	- (3,0,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,10,9	(0,0,0)(1,1,1)(2,1,1) -
, , , , - , ~ , ~	- (3,1,1)(3,1,1)(3,1,0)
1,4,7,10,10,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,1)(3,1,0)(2,0,0)

0-Y 序列	BMS
1,4,7,10,10,9,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,1)(3,1,0)(3,0,0)
1 4 7 10 10 0 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,10,9,12	- (3,1,1)(3,1,0)(4,2,0)
1 4 7 10 10 10	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,10,10	- (3,1,1)(3,1,1)(3,1,1)
1,4,7,10,10,10,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,10,10,10	- (3,1,1)(3,1,1)(3,1,1)
1,4,7,10,11	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,0,0)
1 4 7 10 11 14 17 90	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,11,14,17,20	- (4,0,0)(5,1,1)(6,1,1)(7,1,1)
1,4,7,10,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)
1 47 10 10 5	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,12,5	- (3,1,1)(4,1,0)(2,0,0)
1 4 7 10 10 6	(0,0,0)(1,1,1)(2,1,1) -
1,4,7,10,12,6	- (3,1,1)(4,1,0)(2,1,0)
1,4,7,10,12,6,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,4,7,10,12,0,9	- (4,1,0)(2,1,0)(3,2,0)
1,4,7,10,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) -
6,10,14,18,18	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)
1,4,7,10,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) -
6,10,14,18,19	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(6,0,0)
1,4,7,10,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) -
6,10,14,18,20	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(6,1,0)
1,4,7,10,12,6,10,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) -
14,18,20,4,7,10,12,5	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(6,1,0) -
, -, -, ,-, ,-	- (1,1,1)(2,1,1)(3,1,1)(4,1,0)(2,0,0)
1,4,7,10,12,6,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,14,18,21,15	- (4,1,0)(2,1,0)(3,2,1)(4,2,1) -
, , , ,	- (5,2,1)(6,2,0)(4,0,0)
1,4,7,10,12,7	(0,0,0)(1,1,1)(2,1,1) -
,-,·,-~,- - ,•	- (3,1,1)(4,1,0)(2,1,1)
1,4,7,10,12,7,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (4,1,0)(2,1,1)(3,1,0)(2,0,0)
1,4,7,10,12,7,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(4,1,0)(2,1,1)(3,1,1)
1,4,7,10,12,7,10,12,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (4,1,0)(2,1,1)(3,1,1)(4,1,0)(2,0,0)

0-Y 序列	BMS
1,4,7,10,12,8	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(4,1,0)(3,0,0)
1,4,7,10,12,9,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (4,1,0)(3,1,0)(2,0,0)
1,4,7,10,12,10	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,10,12,10	- (3,1,1)(4,1,0)(3,1,1)
1,4,7,10,12,10,12,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,1,10,12,10,12,0	- (4,1,0)(3,1,1)(4,1,0)(2,0,0)
1,4,7,10,12,11	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,10,12	- (3,1,1)(4,1,0)(4,0,0)
1,4,7,10,12,12,5	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (4,1,0)(4,1,0)(2,0,0)
1,4,7,10,12,15	(0,0,0)(1,1,1)(2,1,1) -
1,1,1,10,12,10	- (3,1,1)(4,1,0)(5,2,0)
1,4,7,10,12,16,20,24	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,1,10,12,10,20,21	- (4,1,0)(5,2,1)(6,2,1)(7,2,1)
1,4,7,10,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)
1,4,7,10,13,16	(0,0,0)(1,1,1)(2,1,1) -
1,4,1,10,19,10	- (3,1,1)(4,1,1)(5,1,1)
1,4,7,10,13,16,19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,1,1,10,10,10,10	- (4,1,1)(5,1,1)(6,1,1)
1,4,8	(0,0,0)(1,1,1)(2,2,0)
1,4,8,4	(0,0,0)(1,1,1)(2,2,0)(1,1,1)
1,4,8,4,7	(0,0,0)(1,1,1)(2,2,0)(1,1,1)(2,1,1)
1,4,8,4,7,10	(0,0,0)(1,1,1)(2,2,0) -
1,4,0,4,7,10	- (1,1,1)(2,1,1)(3,1,1)
1,4,8,4,8	(0,0,0)(1,1,1)(2,2,0)(1,1,1)(2,2,0)
1,4,8,4,8,4,8	(0,0,0)(1,1,1)(2,2,0)(1,1,1) -
1,4,0,4,0,4,0	- (2,2,0)(1,1,1)(2,2,0)
1,4,8,5	(0,0,0)(1,1,1)(2,2,0)(2,0,0)
1,4,8,5,8,12	(0,0,0)(1,1,1)(2,2,0) -
1,4,0,0,0,12	- (2,0,0)(3,1,1)(4,2,0)
1,4,8,6	(0,0,0)(1,1,1)(2,2,0)(2,1,0)
1,4,8,6,9	(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,0)
1,4,8,6,10,15	(0,0,0)(1,1,1)(2,2,0) -
	- (2,1,0)(3,2,1)(4,3,0)

0-Y 序列	BMS
1,4,8,7	(0,0,0)(1,1,1)(2,2,0)(2,1,1)
1,4,8,7,10	(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)
1,4,8,7,11	(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)
1,4,8,7,11,10,14	(0,0,0)(1,1,1)(2,2,0)(2,1,1) - (3,2,0)(3,1,1)(4,2,0)
1,4,8,8	(0,0,0)(1,1,1)(2,2,0)(2,2,0)
1,4,8,8,8	(0,0,0)(1,1,1)(2,2,0)(2,2,0)(2,2,0)
1,4,8,9	(0,0,0)(1,1,1)(2,2,0)(3,0,0)
1,4,8,10	(0,0,0)(1,1,1)(2,2,0)(3,1,0)
1,4,8,10,3,7,12,15	(0,0,0)(1,1,1)(2,2,0)(3,1,0) - (1,1,0)(2,2,1)(3,3,0)(4,2,0)
1,4,8,11	(0,0,0)(1,1,1)(2,2,0)(3,1,1)
1,4,8,12	(0,0,0)(1,1,1)(2,2,0)(3,2,0)
1,4,8,12,14,5	(0,0,0)(1,1,1)(2,2,0) - - $(3,2,0)(4,1,0)(2,0,0)$
1,4,8,12,15	(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)
1,4,8,12,16	(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,2,0)
1,4,8,13	(0,0,0)(1,1,1)(2,2,0)(3,3,0)
1,4,8,13,19	(0,0,0)(1,1,1)(2,2,0)(3,3,0)(4,4,0)
1,4,8,14	(0,0,0)(1,1,1)(2,2,0)(3,3,1)
1,4,8,14,19,14	(0,0,0)(1,1,1)(2,2,0) - - $(3,3,1)(4,3,0)(3,3,1)$
1,4,8,14,20	(0,0,0)(1,1,1)(2,2,0)(3,3,1)(4,3,1)
1,4,8,14,20,25,15	(0,0,0)(1,1,1)(2,2,0)(3,3,1) - (4,3,1)(5,3,0)(4,0,0)
1,4,8,14,21	(0,0,0)(1,1,1)(2,2,0)(3,3,1)(4,4,0)
1,4,8,14,21,30	(0,0,0)(1,1,1)(2,2,0) - $(3,3,1)(4,4,0)(5,5,1)$
1,4,8,14,21,30,40,52	(0,0,0)(1,1,1)(2,2,0)(3,3,1) - $- (4,4,0)(5,5,1)(6,6,0)(7,7,1)$
1,4,9	(0,0,0)(1,1,1)(2,2,1)

0-Y 序列	BMS
1,4,9,4,9	(0,0,0)(1,1,1)(2,2,1)(1,1,1)(2,2,1)
1,4,9,6,4,8,14,22	(0,0,0)(1,1,1)(2,2,1)(2,1,0) - (1,1,1)(2,2,0)(3,3,1)(4,4,1)
1,4,9,6,4,8,14,22,16,5	(0,0,0)(1,1,1)(2,2,1)(2,1,0)(1,1,1) - (2,2,0)(3,3,1)(4,4,1)(4,1,0)(2,0,0)
1,4,9,7	(0,0,0)(1,1,1)(2,2,1)(2,1,1)
1,4,9,7,11	(0,0,0)(1,1,1)(2,2,1)(2,1,1)(3,2,0)
1,4,9,7,11,17	(0,0,0)(1,1,1)(2,2,1) - $(2,1,1)(3,2,0)(4,3,1)$
1,4,9,7,11,17,25	(0,0,0)(1,1,1)(2,2,1)(2,1,1) - $(3,2,0)(4,3,1)(5,4,1)$
1,4,9,7,12	(0,0,0)(1,1,1)(2,2,1)(2,1,1)(3,2,1)
1,4,9,7,12,5	(0,0,0)(1,1,1)(2,2,1) - $(2,1,1)(3,2,1)(2,0,0)$
1,4,9,7,12,7	(0,0,0)(1,1,1)(2,2,1) - $(2,1,1)(3,2,1)(2,1,1)$
1,4,9,7,12,7,12	(0,0,0)(1,1,1)(2,2,1)(2,1,1) - (3,2,1)(2,1,1)(3,2,1)
1,4,9,7,12,8	(0,0,0)(1,1,1)(2,2,1) - (2,1,1)(3,2,1)(3,0,0)
1,4,9,7,12,9,5	(0,0,0)(1,1,1)(2,2,1)(2,1,1) - (3,2,1)(3,1,0)(2,0,0)
1,4,9,7,12,10	(0,0,0)(1,1,1)(2,2,1) - (2,1,1)(3,2,1)(3,1,1)
1,4,9,7,12,10,15	(0,0,0)(1,1,1)(2,2,1)(2,1,1) - (3,2,1)(3,1,1)(4,2,1)
1,4,9,7,12,10,15,13,18	(0,0,0)(1,1,1)(2,2,1)(2,1,1) - (3,2,1)(3,1,1)(4,2,1)(4,1,1)(5,2,1)
1,4,9,8	(0,0,0)(1,1,1)(2,2,1)(2,2,0)
1,4,9,8,12	(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)
1,4,9,8,12,16	(0,0,0)(1,1,1)(2,2,1) - $(2,2,0)(3,2,0)(4,2,0)$
1,4,9,8,14	(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,3,1)
1,4,9,8,14,17	(0,0,0)(1,1,1)(2,2,1) - (2,2,0)(3,3,1)(4,1,1)
1,4,9,8,14,18	(0,0,0)(1,1,1)(2,2,1) - (2,2,0)(3,3,1)(4,2,0)

0-Y序列	BMS
	(0,0,0)(1,1,1)(2,2,1)(2,2,0) -
1,4,9,8,14,19,14	- (3,3,1)(4,3,0)(3,3,1)
1 4 0 0 14 00	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,8,14,22	- (2,2,0)(3,3,1)(4,4,1)
1 4 0 0 14 00 14	(0,0,0)(1,1,1)(2,2,1)(2,2,0) -
1,4,9,8,14,22,14	- (3,3,1)(4,4,1)(3,3,1)
1,4,9,9	(0,0,0)(1,1,1)(2,2,1)(2,2,1)
1,4,9,9,7,9,5	(0,0,0)(1,1,1)(2,2,1)(2,2,1) -
1,4,9,9,1,9,0	- (2,1,1)(3,1,0)(2,0,0)
1,4,9,9,9	(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,1)
1,4,9,10	(0,0,0)(1,1,1)(2,2,1)(3,0,0)
1,4,9,10,8	(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)
1,4,9,10,9,8	(0,0,0)(1,1,1)(2,2,1) -
1,1,0,10,0,0	- (3,0,0)(2,2,1)(2,2,0)
1,4,9,10,9,10	(0,0,0)(1,1,1)(2,2,1) -
1,1,0,10,0,10	- (3,0,0)(2,2,1)(3,0,0)
1,4,9,10,10	(0,0,0)(1,1,1)(2,2,1)(3,0,0)(3,0,0)
1,4,9,11	(0,0,0)(1,1,1)(2,2,1)(3,1,0)
1,4,9,11,3,7,13,16	(0,0,0)(1,1,1)(2,2,1)(3,1,0) -
1,4,5,11,5,1,15,10	- (1,1,0)(2,2,1)(3,3,1)(4,2,0)
1,4,9,11,4	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(1,1,1)
1,4,9,11,4,7,10	(0,0,0)(1,1,1)(2,2,1) -
1,1,0,11,1,1,10	- (3,1,0)(1,1,1)(2,1,1)(3,1,1)
1,4,9,11,4,7,10,10	(0,0,0)(1,1,1)(2,2,1)(3,1,0) -
, ,-, , ,-,,	- (1,1,1)(2,1,1)(3,1,1)(3,1,1)
1,4,9,11,4,9	(0,0,0)(1,1,1)(2,2,1)
, , , ,	- (3,1,0)(1,1,1)(2,2,1)
1,4,9,11,4,9,9	(0,0,0)(1,1,1)(2,2,1)(3,1,0) -
	- (1,1,1)(2,2,1)(2,2,1)
1,4,9,11,4,9,10	(0,0,0)(1,1,1)(2,2,1)(3,1,0) - (1,1,1)(2,2,1)(3,0,0)
1,4,9,11,5	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,0,0)
2,2,0,22,0	(0,0,0)(1,1,1)(2,2,1) - (0,0,0)(1,1,1)(2,2,1) -
1,4,9,11,6,9	- (3,1,0)(2,1,0)(3,2,0)
1,4,9,11,8	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)

0 – Y 序列	BMS
1,4,9,11,9	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,1)
1,4,9,11,14	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(4,2,0)
1,4,9,11,15,21,24	(0,0,0)(1,1,1)(2,2,1)(3,1,0) - $(4,2,1)(5,3,1)(6,2,0)$
1,4,9,12	(0,0,0)(1,1,1)(2,2,1)(3,1,1)
1,4,9,12,7,12,15	(0,0,0)(1,1,1)(2,2,1)(3,1,1) - (2,1,1)(3,2,1)(4,1,1)
1,4,9,12,8	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(2,2,0)
1,4,9,12,9	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(2,2,1)
1,4,9,12,9,12	(0,0,0)(1,1,1)(2,2,1) - $(3,1,1)(2,2,1)(3,1,1)$
1,4,9,12,12	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(3,1,1)
1,4,9,12,15	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,1,1)
1,4,9,12,16	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,0)
1,4,9,12,16,22	(0,0,0)(1,1,1)(2,2,1) - $(3,1,1)(4,2,0)(5,3,1)$
1,4,9,12,17	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,1)
1,4,9,12,17,9	(0,0,0)(1,1,1)(2,2,1) - $(3,1,1)(4,2,1)(2,2,1)$
1,4,9,12,17,9,12	(0,0,0)(1,1,1)(2,2,1)(3,1,1) - (4,2,1)(2,2,1)(3,1,1)
1,4,9,12,17,9,12,17	(0,0,0)(1,1,1)(2,2,1)(3,1,1) - (4,2,1)(2,2,1)(3,1,1)(4,2,1)
1,4,9,12,17,12	(0,0,0)(1,1,1)(2,2,1) - (3,1,1)(4,2,1)(3,1,1)
1,4,9,12,17,12,17	(0,0,0)(1,1,1)(2,2,1)(3,1,1) - (4,2,1)(3,1,1)(4,2,1)
1,4,9,12,17,15,20	(0,0,0)(1,1,1)(2,2,1)(3,1,1) - (4,2,1)(4,1,1)(5,2,1)
1,4,9,12,17,16	(0,0,0)(1,1,1)(2,2,1) - (3,1,1)(4,2,1)(4,2,0)
1,4,9,12,17,17	(0,0,0)(1,1,1)(2,2,1) - (3,1,1)(4,2,1)(4,2,1)
1,4,9,12,17,18	(0,0,0)(1,1,1)(2,2,1) - (3,1,1)(4,2,1)(5,0,0)

0-Y序列	BMS
1,4,9,12,17,19,5	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
	- (4,2,1)(5,1,0)(2,0,0)
1,4,9,12,17,20	(0,0,0)(1,1,1)(2,2,1) -
	- (3,1,1)(4,2,1)(5,1,1)
1 4 0 10 17 20 24	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
1,4,9,12,17,20,24	- (4,2,1)(5,1,1)(6,2,0)
1 4 0 19 17 90 95	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
1,4,9,12,17,20,25	- (4,2,1)(5,1,1)(6,2,1)
1,4,9,13	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
1,4,9,13,4,9,13	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,13,4,9,13	- (1,1,1)(2,2,1)(3,2,0)
1 4 0 19 6 4 0 19	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,13,6,4,9,13	-(2,1,0)(1,1,1)(2,2,1)(3,2,0)
1 4 0 12 6 0	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,13,6,9	- (3,2,0)(2,1,0)(3,2,0)
1 4 0 19 6 10	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,13,6,10	- (3,2,0)(2,1,0)(3,2,1)
1 4 0 12 6 10 16	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,13,6,10,16	- (2,1,0)(3,2,1)(4,3,1)
1 4 0 12 6 10 16 17	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,13,6,10,16,17	-(2,1,0)(3,2,1)(4,3,1)(5,0,0)
1,4,9,13,6,10,16,19,11	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,13,0,10,10,19,11	-(2,1,0)(3,2,1)(4,3,1)(5,2,0)(4,0,0)
1,4,9,13,6,10,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
16,20,26,29,11	-(2,1,0)(3,2,1)(4,3,1)(5,2,1) -
10,20,20,29,11	-(6,3,1)(7,2,0)(4,0,0)
1,4,9,13,6,10,16,21	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,13,0,10,10,21	-(2,1,0)(3,2,1)(4,3,1)(5,3,0)
1,4,9,13,6,10,16,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
21,13,18,25,31	-(2,1,0)(3,2,1)(4,3,1)(5,3,0) -
21,13,16,23,31	- (4,2,0)(5,3,1)(6,4,1)(7,4,0)
1,4,9,13,7	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,1,1)
1,4,9,13,8	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,0)
1,4,9,13,9,8	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,0)(2,2,1)(2,2,0)
1,4,9,13,9,10	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,0)(2,2,1)(3,0,0)
1,4,9,13,9,11,5	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (2,2,1)(3,1,0)(2,0,0)

0 – Y 序列	BMS
1,4,9,13,9,12,17,21	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	-(2,2,1)(3,1,1)(4,2,1)(5,2,0)
1 4 0 10 0 10	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,13,9,12,	- (2,2,1)(3,1,1)(4,2,1)(5,2,0) -
17,21,17,19,5	- (4,2,1)(5,1,0)(2,0,0)
1 4 0 12 0 12 17	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
$1,4,9,13,9,12,17, \\21,17,20,25,29$	-(2,2,1)(3,1,1)(4,2,1)(5,2,0) -
21,17,20,23,23	- (4,2,1)(5,1,1)(6,2,1)(7,2,0)
1,4,9,13,9,13	(0,0,0)(1,1,1)(2,2,1) -
1,4,3,13,3,13	- (3,2,0)(2,2,1)(3,2,0)
1,4,9,13,9,13,6,9	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,0,10,0,10,0,0	-(2,2,1)(3,2,0)(2,1,0)(3,2,0)
1,4,9,13,9,13,6,10,16,21	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1) -
1,4,3,13,3,13,0,10,10,21	- (3,2,0)(2,1,0)(3,2,1)(4,3,1)(5,3,0)
1,4,9,13,9,13,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
6,10,16,21,16,21	-(2,2,1)(3,2,0)(2,1,0)(3,2,1) -
0,10,10,21,10,21	- (4,3,1)(5,3,0)(4,3,1)(5,3,0)
1,4,9,13,9,13,9,11,5	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,0,10,0,10,0,11,0	-(2,2,1)(3,2,0)(2,2,1)(3,1,0)(2,0,0)
1,4,9,13,9,13,9,13	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,1,0,10,0,10,0,10	- (2,2,1)(3,2,0)(2,2,1)(3,2,0)
1,4,9,13,10	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,0,0)
1,4,9,13,11,5	(0,0,0)(1,1,1)(2,2,1) -
1,4,3,13,11,0	- (3,2,0)(3,1,0)(2,0,0)
1,4,9,13,11,9,13	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,19,11,9,19	- (3,1,0)(2,2,1)(3,2,0)
1,4,9,13,12	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,1,1)
1,4,9,13,12,17,18	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,19,12,11,10	- (3,1,1)(4,2,1)(5,0,0)
1,4,9,13,12,17,21	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,19,12,11,21	- (3,1,1)(4,2,1)(5,2,0)
1,4,9,13,12,17,21,23,5	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,13,14,17,41,43,3	- (3,1,1)(4,2,1)(5,2,0)(5,1,0)(2,0,0)
1,4,9,13,13	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,2,0)
1,4,9,13,15,5	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,10,10,0	- (3,2,0)(4,1,0)(2,0,0)
1,4,9,13,15,9,13,15,5	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,1,0) -
	-(2,2,1)(3,2,0)(4,1,0)(2,0,0)

0-Y 序列	BMS
1 4 0 12 15 12 15 5	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,9,13,15,13,15,5	- (4,1,0)(3,2,0)(4,1,0)(2,0,0)
1,4,9,13,15,17,5	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (4,1,0)(5,1,0)(2,0,0)
1,4,9,13,15,18	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,13,13,16	- (3,2,0)(4,1,0)(5,2,0)
1,4,9,13,16,21,25	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,4,3,10,10,21,20	- (4,1,1)(5,2,1)(6,2,0)
1,4,9,13,16,21,25,27,5	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,1,0,10,10,21,20,21,0	-(4,1,1)(5,2,1)(6,2,0)(7,1,0)(2,0,0)
1,4,9,13,17	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,2,0)
1,4,9,13,18	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,3,0)
1,4,9,13,18,23,28	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,1,0,10,10,20,20	- (4,3,0)(5,3,0)(6,3,0)
1,4,9,13,19	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,3,1)
1,4,9,13,19,20	(0,0,0)(1,1,1)(2,2,1) -
1,1,0,10,10,20	- (3,2,0)(4,3,1)(5,0,0)
1,4,9,13,19,21,24	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (4,3,1)(5,1,0)(6,2,0)
1,4,9,13,19,21,25	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
, , , , , ,	- (4,3,1)(5,1,0)(6,2,1)
1,4,9,13,19,21,25,29	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (4,3,1)(5,1,0)(6,2,1)(7,2,1)
1,4,9,13,19,21,25,31	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (4,3,1)(5,1,0)(6,2,1)(7,3,1)
1,4,9,13,19,21,25,31,36	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	-(4,3,1)(5,1,0)(6,2,1)(7,3,1)(8,3,0)
1,4,9,13,19,22	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,0)(4,3,1)(5,1,1)
1,4,9,13,19,22,27,31	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
	- (4,3,1)(5,1,1)(6,2,1)(7,2,0)
1,4,9,13,19,23	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,0)(4,3,1)(5,2,0)
1,4,9,13,19,24,19	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	(4,3,1)(5,3,0)(4,3,1) $ (0,0,0)(1,1,1)(2,2,1) -$
1,4,9,13,19,27	(0,0,0)(1,1,1)(2,2,1) - (3,2,0)(4,3,1)(5,4,1)
1,4,9,13,19,27,28	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (4,3,1)(5,4,1)(6,0,0)

0-Y 序列	BMS
1,4,9,13,19,27,32,20	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	-(4,3,1)(5,4,1)(6,3,0)(5,0,0)
1,4,9,13,19,27,34	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (4,3,1)(5,4,1)(6,4,0)
1,4,9,14	(0,0,0)(1,1,1)(2,2,1)(3,2,1)
1 4 0 1 4 4 7	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,14,4,7	- (3,2,1)(1,1,1)(2,1,1)
1 4 0 14 4 0	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,14,4,9	- (3,2,1)(1,1,1)(2,2,1)
1 4 0 1 4 4 0 10	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,4,9,13	- (1,1,1)(2,2,1)(3,2,0)
1 4 0 14 4 0 14	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,4,9,14	- (1,1,1)(2,2,1)(3,2,1)
1,4,9,14,8	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,0)
1.40.140.10.10	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,8,12,16	-(2,2,0)(3,2,0)(4,2,0)
1 4 0 1 4 0	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,14,9	- (3,2,1)(2,2,1)
1 4 0 14 0 10	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,14,9,10	- (3,2,1)(2,2,1)(3,0,0)
1 4 0 14 0 11 5	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,9,11,5	-(2,2,1)(3,1,0)(2,0,0)
1,4,9,14,9,12	(0,0,0)(1,1,1)(2,2,1) -
1,4,3,14,3,12	- (3,2,1)(2,2,1)(3,1,1)
1,4,9,14,9,12,17	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,1,0,11,0,12,11	- (2,2,1)(3,1,1)(4,2,1)
1,4,9,14,9,12,17,21	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
	- (2,2,1)(3,1,1)(4,2,1)(5,2,0)
1,4,9,14,9,12,17,21,26	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
_, _, , ,, ,,, , ,	-(2,2,1)(3,1,1)(4,2,1)(5,2,0)(6,3,0)
1,4,9,14,9,12,17,21,27	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1) -
	- (3,1,1)(4,2,1)(5,2,0)(6,3,1)
1,4,9,14,9,12,17,22	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
, , , , , , , , , , , , , , , , , , , ,	- (2,2,1)(3,1,1)(4,2,1)(5,2,1)
1,4,9,14,9,	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
12,17,22,17,19,5	- (2,2,1)(3,1,1)(4,2,1)(5,2,1) -
. , , , ,	- (4,2,1)(5,1,0)(2,0,0)
1,4,9,14,9,13	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,1)(2,2,1)(3,2,0)

0 – Y 序列	BMS
1,4,9,14,9,13,18,23,28	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
	-(2,2,1)(3,2,0)(4,3,0)(5,3,0)(6,3,0)
1,4,9,14,9,14	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,1)(2,2,1)(3,2,1)
1 4 0 14 0 14 0 10 10	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,9,14,8,12,16	-(2,2,1)(3,2,1)(2,2,0)(3,2,0)(4,2,0)
1 4 0 14 0 14 0 11 5	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,9,14,9,11,5	-(2,2,1)(3,2,1)(2,2,1)(3,1,0)(2,0,0)
1 4 0 14 0 14 0 19 17 91	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1) -
1,4,9,14,9,14,9,12,17,21	- (3,2,1)(2,2,1)(3,1,1)(4,2,1)(5,2,0)
1 4 0 14 0 14 0	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,9,14,9,	- (2,2,1)(3,2,1)(2,2,1)(3,1,1) -
12,17,22,17,21	- (4,2,1)(5,2,1)(4,2,1)(5,2,0)
1 4 0 14 0 14 0 19	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,9,14,9,13	-(2,2,1)(3,2,1)(2,2,1)(3,2,0)
1.40.140.14	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,9,14,	- (2,2,1)(3,2,1)(2,2,1)(3,2,0) -
9,13,18,23,28	- (4,3,0)(5,3,0)(6,3,0)
1 4 0 14 0 14 0 14 0 19	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1) -
1,4,9,14,9,14,9,13	- (3,2,1)(2,2,1)(3,2,1)(2,2,1)(3,2,0)
1 4 0 14 0 14 0	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,9,14,9,	- (2,2,1)(3,2,1)(2,2,1)(3,2,1) -
14,9,13,18,23,28	-(2,2,1)(3,2,0)(4,3,0)(5,3,0)(6,3,0)
1,4,9,14,10	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,0,0)
1 4 0 14 11 5	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,14,11,5	- (3,2,1)(3,1,0)(2,0,0)
1 4 0 14 11 15 91 96	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,11,15,21,26	- (3,1,0)(4,2,1)(5,3,1)(6,3,0)
1,4,9,14,11,	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,0) -
15,21,27,21,26	-(4,2,1)(5,3,1)(6,3,1)(5,3,1)(6,3,0)
1,4,9,14,11,15,21,27,22	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,0) -
1,4,9,14,11,10,21,21,21	- (4,2,1)(5,3,1)(6,3,1)(6,0,0)
1,4,9,14,12	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)
1 4 0 14 10 17 00	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,9,14,12,17,22	- (3,1,1)(4,2,1)(5,2,1)
1,4,9,14,13	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,0)
1,4,9,14,13,17,21	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
	- (3,2,0)(4,2,0)(5,2,0)

0 – Y 序列	BMS
1,4,9,14,13,19	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,1)(3,2,0)(4,3,1)
1,4,9,14,14	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)
1,4,9,14,14,9,13	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,4,0,14,14,0,10	- (3,2,1)(2,2,1)(3,2,0)
1,4,9,14,14,9,14,13	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
	- (3,2,1)(2,2,1)(3,2,1)(3,2,0)
1,4,9,14,14,13	(0,0,0)(1,1,1)(2,2,1) -
1,1,0,11,11,10	- (3,2,1)(3,2,1)(3,2,0)
1,4,9,14,18	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,0)
1,4,9,14,19,13	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,14,19,19	- (3,2,1)(4,2,1)(3,2,0)
1,4,9,14,19,14,18	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
	- (4,2,1)(3,2,1)(4,2,0)
1,4,9,14,19,18	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,1)(4,2,1)(4,2,0)
1,4,9,14,19,23	(0,0,0)(1,1,1)(2,2,1) -
1,1,0,11,10,1	- (3,2,1)(4,2,1)(5,2,0)
1,4,9,15	(0,0,0)(1,1,1)(2,2,1)(3,3,0)
1,4,9,15,21,27	(0,0,0)(1,1,1)(2,2,1) -
1,4,0,10,21,21	- (3,3,0)(4,3,0)(5,3,0)
1,4,9,15,23	(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,4,1)
1,4,9,15,23,33,42	(0,0,0)(1,1,1)(2,2,1)(3,3,0) -
1,4,5,10,20,00,42	- (4,4,1)(5,5,1)(6,5,0)
1,4,9,15,23,33,43,34	(0,0,0)(1,1,1)(2,2,1)(3,3,0) -
	- (4,4,1)(5,5,1)(6,5,1)(6,0,0)
1,4,9,15,23,33,44	(0,0,0)(1,1,1)(2,2,1)(3,3,0) -
	- (4,4,1)(5,5,1)(6,6,0)
1,4,9,16	(0,0,0)(1,1,1)(2,2,1)(3,3,1)
1,4,9,16,9	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(2,2,1)
1 4 0 16 0 14	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,16,9,14	- (3,3,1)(2,2,1)(3,2,1)
1 / 0 16 0 15	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,16,9,15	- (3,3,1)(2,2,1)(3,3,0)
1 4 0 16 0 16	(0,0,0)(1,1,1)(2,2,1) -
1,4,9,16,9,16	- (3,3,1)(2,2,1)(3,3,1)
1,4,9,16,14	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,2,1)

0-Y 序列	BMS
1,4,9,16,14,21	(0,0,0)(1,1,1)(2,2,1) -
	- (3,3,1)(3,2,1)(4,3,1)
1,4,9,16,15	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,0)
1,4,9,16,16	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,1)
1,4,9,16,17	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,0,0)
1,4,9,16,22	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,3,0)
1,4,9,16,25	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,4,1)
1,4,9,16,25,36	(0,0,0)(1,1,1)(2,2,1) -
	- (3,3,1)(4,4,1)(5,5,1)
1,4,10	(0,0,0)(1,1,1)(2,2,2)
1,4,10,16	(0,0,0)(1,1,1)(2,2,2)(3,2,2)
1,4,10,16,17	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,0,0)
1,4,10,16,18	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)
1,4,10,16,18,5	(0,0,0)(1,1,1)(2,2,2) -
, , -, -, -,-	- (3,2,2)(4,1,0)(2,0,0)
1,4,10,16,19	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)
1,4,10,16,20	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)
1,4,10,16,20,10	(0,0,0)(1,1,1)(2,2,2) -
1,1,10,10,20,10	- (3,2,2)(4,2,0)(2,2,2)
1,4,10,16,20,10,16,20,10	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) -
	- (2,2,2)(3,2,2)(4,2,0)(2,2,2)
1,4,10,16,20,11	(0,0,0)(1,1,1)(2,2,2) -
1,1,10,10,20,11	- (3,2,2)(4,2,0)(3,0,0)
1,4,10,16,21	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)
1,4,10,16,22	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)
1,4,10,16,22,22	(0,0,0)(1,1,1)(2,2,2) -
1,4,10,10,22,22	- (3,2,2)(4,2,2)(4,2,2)
1,4,10,16,22,28	(0,0,0)(1,1,1)(2,2,2) -
1,4,10,10,22,20	- (3,2,2)(4,2,2)(5,2,2)
1,4,10,17	(0,0,0)(1,1,1)(2,2,2)(3,3,0)
1,4,10,18	(0,0,0)(1,1,1)(2,2,2)(3,3,1)
1,4,10,18,28	(0,0,0)(1,1,1)(2,2,2)(3,3,1)(4,4,1)

0-Y序列	BMS
1,4,10,18,29	(0,0,0)(1,1,1)(2,2,2)(3,3,1)(4,4,2)
1,4,10,19	(0,0,0)(1,1,1)(2,2,2)(3,3,2)
1,4,10,19,20	(0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,0,0)
1,4,10,19,31	(0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,4,2)
1,4,10,20	(0,0,0)(1,1,1)(2,2,2)(3,3,3)
1,4,10,20,35	(0,0,0)(1,1,1)(2,2,2)(3,3,3)(4,4,4)
1,4,10,20,35,56	(0,0,0)(1,1,1)(2,2,2) - $(3,3,3)(4,4,4)(5,5,5)$
1,5	(0,0,0,0)(1,1,1,1)
1,5,4	(0,0,0,0)(1,1,1,1)(1,1,1,0)
1,5,4,9	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,1,0)
1,5,4,9,16	(0,0,0,0)(1,1,1,1)(1,1,1,0) - $(2,2,1,0)(3,3,1,0)$
1,5,4,10	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,2,0)
1,5,4,10,20	(0,0,0,0)(1,1,1,1)(1,1,1,0) - - $(2,2,2,0)(3,3,3,0)$
1,5,4,11	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,2,1)
1,5,4,11,9	(0,0,0,0)(1,1,1,1)(1,1,1,0) - - $(2,2,2,1)(2,2,1,0)$
1,5,4,11,9,18,16	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,2,1) - (2,2,1,0)(3,3,2,1)(3,3,1,0)
1,5,4,11,10	(0,0,0,0)(1,1,1,1)(1,1,1,0) - - $(2,2,2,1)(2,2,2,0)$
1,5,4,11,10,21	(0,0,0,0)(1,1,1,1)(1,1,1,0) - (2,2,2,1)(2,2,2,0)(3,3,3,1)
1,5,4,11,10,21,20	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,2,1) - (2,2,2,0)(3,3,3,1)(3,3,3,0)
1,5,5	(0,0,0,0)(1,1,1,1)(1,1,1,1)
1,5,5,5	(0,0,0,0)(1,1,1,1)(1,1,1,1)(1,1,1,1)
1,5,6	(0,0,0,0)(1,1,1,1)(2,0,0,0)
1,5,7	(0,0,0,0)(1,1,1,1)(2,1,0,0)

0-Y序列	BMS
1,5,7,3,8	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
	- (1,1,0,0)(2,2,1,1)
1 5 7 9 0 10	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,5,7,3,8,10	- (1,1,0,0)(2,2,1,1)(3,1,0,0)
1 5 7 9 0 10 7	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
1,5,7,3,8,10,7	- (2,2,1,1)(3,1,0,0)(2,2,1,0)
	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,5,7,3,8,10,15,17	- (1,1,0,0)(2,2,1,1)(3,1,0,0) -
	- (2,2,1,0)(3,3,2,1)(4,1,0,0)
15790100	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
1,5,7,3,8,10,8	-(2,2,1,1)(3,1,0,0)(2,2,1,1)
1 5 7 9 0 11	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,5,7,3,8,11	- (1,1,0,0)(2,2,1,1)(3,1,1,0)
1 5 7 2 0 11 16	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
1,5,7,3,8,11,16	-(2,2,1,1)(3,1,1,0)(4,2,1,0)
1 5 7 9 0 11 17	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
1,5,7,3,8,11,17	-(2,2,1,1)(3,1,1,0)(4,2,2,0)
1 5 7 9 0 11 10	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
1,5,7,3,8,11,18	-(2,2,1,1)(3,1,1,0)(4,2,2,1)
	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,5,7,3,8,11,18,21,28	- (1,1,0,0)(2,2,1,1)(3,1,1,0) -
	- (4,2,2,1)(5,1,1,0)(6,2,2,1)
1,5,7,4	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0)
1,5,7,4,11,13	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,0,7,4,11,10	- (1,1,1,0)(2,2,2,1)(3,1,0,0)
1,5,7,4,11,13,4	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,7,4,11,10,4	- (2,2,2,1)(3,1,0,0)(1,1,1,0)
1,5,7,4,11,13,5	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,1,4,11,10,0	- (2,2,2,1)(3,1,0,0)(2,0,0,0)
1,5,7,4,11,13,11	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,1,4,11,10,11	- (2,2,2,1)(3,1,0,0)(2,2,2,1)
	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,5,7,4,11,13,11,13,11	- (1,1,1,0)(2,2,2,1)(3,1,0,0) -
	- (2,2,2,1)(3,1,0,0)(2,2,2,1)
1,5,7,4,11,13,12	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,1,1,10,12	- (2,2,2,1)(3,1,0,0)(3,0,0,0)
1,5,7,4,11,13,13	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,1,1,11,10,10	- (2,2,2,1)(3,1,0,0)(3,1,0,0)
1,5,7,4,11,13,13,4	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
	-(2,2,2,1)(3,1,0,0)(3,1,0,0)(1,1,1,0)

0-Y序列	BMS
1,5,7,4,11,13,13,11	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
	-(2,2,2,1)(3,1,0,0)(3,1,0,0)(2,2,2,1)
1 5 7 / 11 12 16	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,5,7,4,11,13,16	-(2,2,2,1)(3,1,0,0)(4,2,0,0)
1,5,7,4,11,13,17	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,7,4,11,15,17	-(2,2,2,1)(3,1,0,0)(4,2,1,0)
1,5,7,4,11,13,18	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,7,4,11,10,10	- (2,2,2,1)(3,1,0,0)(4,2,1,1)
1,5,7,4,11,14	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,0,1,4,11,14	- (1,1,1,0)(2,2,2,1)(3,1,1,0)
1,5,7,4,11,14,19	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,1,11,11,10	- (2,2,2,1)(3,1,1,0)(4,2,1,0)
1,5,7,4,11,14,20	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,1,4,11,14,20	- (2,2,2,1)(3,1,1,0)(4,2,2,0)
1,5,7,4,11,14,21	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,0,1,4,11,14,21	-(2,2,2,1)(3,1,1,0)(4,2,2,1)
	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,5,7,4,11,14,21,24,31	- (1,1,1,0)(2,2,2,1)(3,1,1,0) -
	- (4,2,2,1)(5,1,1,0)(6,2,2,1)
1 5 7 4 11 15	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,5,7,4,11,15	- (1,1,1,0)(2,2,2,1)(3,2,0,0)
1 5 7 4 11 15 10	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,5,7,4,11,15,10	-(2,2,2,1)(3,2,0,0)(2,2,2,0)
1,5,7,5	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,1)
1 5 7 5 7 5	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,5,7,5,7,5	- (1,1,1,1)(2,1,0,0)(1,1,1,1)
1 5 7 7 5	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,5,7,7,5	- (2,1,0,0)(1,1,1,1)
1,5,7,10	(0,0,0,0)(1,1,1,1)(2,1,0,0)(3,2,0,0)
1,5,8	(0,0,0,0)(1,1,1,1)(2,1,1,0)
1 5 0 4 11	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,5,8,4,11	- (1,1,1,0)(2,2,2,1)
1 7 0 4 11 14	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,5,8,4,11,14	- (1,1,1,0)(2,2,2,1)(3,1,1,0)
1 5 0 4 11 14 01	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,5,8,4,11,14,21	-(2,2,2,1)(3,1,1,0)(4,2,2,1)
1,5,8,4,11,15	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
	-(1,1,1,0)(2,2,2,1)(3,2,0,0)

0-Y序列	BMS
1,5,8,4,11,16	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
	- (1,1,1,0)(2,2,2,1)(3,2,1,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,5,8,4,11,16,9,18,25	- (1,1,1,0)(2,2,2,1)(3,2,1,0) -
	-(2,2,1,0)(3,3,2,1)(4,3,1,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,5,8,4,11,16,10,21,29	- (1,1,1,0)(2,2,2,1)(3,2,1,0) -
	- (2,2,2,0)(3,3,3,1)(4,3,1,0)
1,5,8,4,11,16,11	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,0,0,4,11,10,11	- (2,2,2,1)(3,2,1,0)(2,2,2,1)
1,5,8,4,11,16,16,11	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,0,0,4,11,10,10,11	-(2,2,2,1)(3,2,1,0)(3,2,1,0)(2,2,2,1)
1,5,8,4,11,16,17	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,0,0,4,11,10,17	- (2,2,2,1)(3,2,1,0)(4,0,0,0)
1,5,8,4,11,16,21,11	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,0,0,4,11,10,21,11	-(2,2,2,1)(3,2,1,0)(4,2,1,0)(2,2,2,1)
1,5,8,4,11,16,23	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,0,0,4,11,10,20	- (2,2,2,1)(3,2,1,0)(4,3,1,0)
1,5,8,4,11,16,24	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,0,0,4,11,10,24	-(2,2,2,1)(3,2,1,0)(4,3,2,0)
1,5,8,4,11,16,25	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,0,0,4,11,10,20	-(2,2,2,1)(3,2,1,0)(4,3,2,1)
	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,5,8,4,11,16,25,36,51	- (1,1,1,0)(2,2,2,1)(3,2,1,0) -
	- (4,3,2,1)(5,4,1,0)(6,5,2,1)
1,5,8,4,11,17	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,0,0,4,11,17	- (1,1,1,0)(2,2,2,1)(3,2,2,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,5,8,4,11,17,9,18,26	- (1,1,1,0)(2,2,2,1)(3,2,2,0) -
	-(2,2,1,0)(3,3,2,1)(4,3,2,0)
1594111710	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,5,8,4,11,17,10	- (2,2,2,1)(3,2,2,0)(2,2,2,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,5,8,4,11,17,10,21,31	- (1,1,1,0)(2,2,2,1)(3,2,2,0) -
	- (2,2,2,0)(3,3,3,1)(4,3,3,0)
1,5,8,5	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1)
1 5 0 5 0	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,5,8,5,8	- (1,1,1,1)(2,1,1,0)
1,5,8,5,8,5	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
	- (1,1,1,1)(2,1,1,0)(1,1,1,1)

0-Y 序列	BMS
1,5,8,8	(0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0)
1,5,8,8,5	(0,0,0,0)(1,1,1,1)(2,1,1,0) - $(2,1,1,0)(1,1,1,1)$
1,5,8,11,5	(0,0,0,0)(1,1,1,1)(2,1,1,0) - $(3,1,1,0)(1,1,1,1)$
1,5,8,13	(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0)
1,5,8,13,4,11,17,26	(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - (1,1,1,0)(2,2,2,1)(3,2,2,0)(4,3,2,0)
1,5,8,13,5	(0,0,0,0)(1,1,1,1)(2,1,1,0) - $(3,2,1,0)(1,1,1,1)$
1,5,8,13,20,5	(0,0,0,0)(1,1,1,1)(2,1,1,0) - $(3,2,1,0)(4,3,1,0)(1,1,1,1)$
1,5,8,14	(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,2,0)
1,5,8,14,24	(0,0,0,0)(1,1,1,1)(2,1,1,0) - $(3,2,2,0)(4,3,3,0)$
1,5,8,15	(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,2,1)
1,5,8,15,15	(0,0,0,0)(1,1,1,1)(2,1,1,0) - $(3,2,2,1)(3,2,2,1)$
1,5,8,15,18,5	(0,0,0,0)(1,1,1,1)(2,1,1,0) - (3,2,2,1)(4,1,1,0)(1,1,1,1)
1,5,8,15,20,5	(0,0,0,0)(1,1,1,1)(2,1,1,0) - (3,2,2,1)(4,2,1,0)(1,1,1,1)
1,5,8,15,21	(0,0,0,0)(1,1,1,1)(2,1,1,0) - (3,2,2,1)(4,2,2,0)
1,5,8,15,21,32	(0,0,0,0)(1,1,1,1)(2,1,1,0) - (3,2,2,1)(4,2,2,0)(5,3,3,1)
1,5,9	(0,0,0,0)(1,1,1,1)(2,1,1,1)
1,5,9,5,9	(0,0,0,0)(1,1,1,1)(2,1,1,1) - $(1,1,1,1)(2,1,1,1)$
1,5,9,8	(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,0)
1,5,9,8,5,9	(0,0,0,0)(1,1,1,1)(2,1,1,1) - (2,1,1,0)(1,1,1,1)(2,1,1,1)
1,5,9,8,11,5,9	(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,0) - (3,1,1,0)(1,1,1,1)(2,1,1,1)
1,5,9,8,13,5,9	(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,0) - (3,2,1,0)(1,1,1,1)(2,1,1,1)

0-Y 序列	BMS
1,5,9,8,14	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,0,0,0,11	- (2,1,1,0)(3,2,2,0)
1,5,9,8,15	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,0,0,0,10	- (2,1,1,0)(3,2,2,1)
1,5,9,8,15,22	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,0,0,0,10,2	- (2,1,1,0)(3,2,2,1)(4,2,2,1)
1,5,9,9	(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,1)
1,5,9,10	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,0,0,0)
1,5,9,11	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,0,0)
1,5,9,11,5	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,0,3,11,0	- (3,1,0,0)(1,1,1,1)
1,5,9,11,5,9	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,0,0,11,0,0	- (3,1,0,0)(1,1,1,1)(2,1,1,1)
1,5,9,11,5,9,11	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,0,0,11,0,0,11	- (3,1,0,0)(1,1,1,1)(2,1,1,1)(3,1,0,0)
1,5,9,11,6	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
2,0,0,11,0	- (3,1,0,0)(2,0,0,0)
1,5,9,11,7	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
, , , ,	- (3,1,0,0)(2,1,0,0)
1,5,9,11,8	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
	- (3,1,0,0)(2,1,1,0)
1,5,9,11,8,5,9,11	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,0,0) -
	- (2,1,1,0)(1,1,1,1)(2,1,1,1)(3,1,0,0)
1,5,9,11,8,6	(0,0,0,0)(1,1,1,1)(2,1,1,1)
	- (3,1,0,0)(2,1,1,0)(2,0,0,0)
1 5 0 11 0 19 5 0 11	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,5,9,11,8,13,5,9,11	- (3,1,0,0)(2,1,1,0)(3,2,1,0) -
	$ \begin{array}{c} -(1,1,1,1)(2,1,1,1)(3,1,0,0) \\ \hline (0,0,0,0)(1,1,1,1)(2,1,1,1) - \end{array} $
1,5,9,11,8,14	(0,0,0,0)(1,1,1,1)(2,1,1,1) = $ (3,1,0,0)(2,1,1,0)(3,2,2,0)$
	(0,0,0,0)(2,1,1,0)(3,2,2,0) $(0,0,0,0)(1,1,1,1)(2,1,1,1) -$
1,5,9,11,8,15	- (3,1,0,0)(2,1,1,0)(3,2,2,1)
	(0,0,0,0)(2,1,1,0)(3,2,2,1) $(0,0,0,0)(1,1,1,1)(2,1,1,1) -$
1,5,9,11,8,15,22,26,16	- (3,1,0,0)(2,1,1,0)(3,2,2,1) -
1,0,0,11,0,10,22,20,10	- (4,2,2,1)(5,2,0,0)(4,0,0,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,5,9,11,9	- (3,1,0,0)(2,1,1,1)
1,5,9,11,14	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
	-(3,1,0,0)(4,2,0,0)

0-Y序列	BMS
1,5,9,12	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,1,0)
1,5,9,12,4,11,18,24	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,1,0) -
	- (1,1,1,0)(2,2,2,1)(3,2,2,1)(4,2,2,0)
1,5,9,12,5	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,0,9,12,0	- (3,1,1,0)(1,1,1,1)
1,5,9,12,5,9	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,0,0,12,0,0	- (3,1,1,0)(1,1,1,1)(2,1,1,1)
1,5,9,12,5,9,12	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,1,0) -
, , , , , ,	- (1,1,1,1)(2,1,1,1)(3,1,1,0)
1,5,9,12,6	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
	- (3,1,1,0)(2,0,0,0)
1,5,9,12,7	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
	- (3,1,1,0)(2,1,0,0)
1,5,9,12,8	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
	- (3,1,1,0)(2,1,1,0)
1,5,9,12,8,5	(0,0,0,0)(1,1,1,1)(2,1,1,1) - (3,1,1,0)(2,1,1,0)(1,1,1,1)
	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,5,9,12,8,5,9,12,6	- (3,1,1,0)(2,1,1,0)(1,1,1,1) -
1,0,0,12,0,0,12,0	-(2,1,1,1)(3,1,1,0)(2,0,0,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,5,9,12,8,12	- (3,1,1,0)(2,1,1,0)(3,2,0,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,1,0) -
1,5,9,12,8,13,5,9,12,6	- (2,1,1,0)(3,2,1,0)(1,1,1,1) -
	-(2,1,1,1)(3,1,1,0)(2,0,0,0)
1 7 0 10 0 14	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,5,9,12,8,14	- (3,1,1,0)(2,1,1,0)(3,2,2,0)
1,5,9,12,9	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,0,9,12,9	- (3,1,1,0)(2,1,1,1)
1,5,9,13	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,1,1)
1,5,11	(0,0,0,0)(1,1,1,1)(2,2,1,0)
1 5 11 4 11 01	(0,0,0,0)(1,1,1,1)(2,2,1,0) -
1,5,11,4,11,21	- (1,1,1,0)(2,2,2,1)(3,3,2,0)
1,5,11,5	(0,0,0,0)(1,1,1,1)(2,2,1,0)(1,1,1,1)
1,5,12	(0,0,0,0)(1,1,1,1)(2,2,1,1)
1,5,12,22	(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,3,1,1)

Chapter A. 递归序数表

0-Y 序列	BMS
1,5,12,22,35	(0,0,0,0)(1,1,1,1)(2,2,1,1) -
1,0,12,22,00	- (3,3,1,1)(4,4,1,1)
1,5,13	(0,0,0,0)(1,1,1,1)(2,2,2,0)
1,5,15	(0,0,0,0)(1,1,1,1)(2,2,2,2)
1,5,15,35	(0,0,0,0)(1,1,1,1)(2,2,2,2)(3,3,3,3)
1,6	(0,0,0,0,0)(1,1,1,1,1)
1,6,11	(0,0,0,0,0)(1,1,1,1,1)(2,1,1,1,1)
1,6,15	(0,0,0,0,0)(1,1,1,1,1)(2,2,1,1,1)
1,6,18	(0,0,0,0,0)(1,1,1,1,1)(2,2,2,1,1)
1,6,19	(0,0,0,0,0)(1,1,1,1,1)(2,2,2,2,0)
1,6,20	(0,0,0,0,0)(1,1,1,1,1)(2,2,2,2,1)
1,6,21	(0,0,0,0,0)(1,1,1,1,1)(2,2,2,2,2)
1,7	(0,0,0,0,0,0)(1,1,1,1,1,1)
1,8	(0,0,0,0,0,0,0)(1,1,1,1,1,1,1)
1,9	(0,0,0,0,0,0,0,0)(1,1,1,1,1,1,1,1,1)

A.20 Y 序列 vs BMS

本节的结果主要引自[2]。

Y 序列	BMS
1	(0)
1,1	(0)(0)
1,1,1	(0)(0)(0)
1,1,1,1	(0)(0)(0)(0)
1,2	(0)(1)
1,2,1	(0)(1)(0)
1,2,1,1	(0)(1)(0)(0)
1,2,1,2	(0)(1)(0)(1)

Y 序列	BMS
1,2,1,2,1	(0)(1)(0)(1)(0)
1,2,1,2,1,2	(0)(1)(0)(1)(0)(1)
1,2,2	(0)(1)(1)
1,2,2,1	(0)(1)(1)(0)
1,2,2,1,2	(0)(1)(1)(0)(1)
1,2,2,1,2,2	(0)(1)(1)(0)(1)(1)
1,2,2,2	(0)(1)(1)(1)
1,2,2,2,2	(0)(1)(1)(1)(1)
1,2,3	(0)(1)(2)
1,2,3,1	(0)(1)(2)(0)
1,2,3,1,2	(0)(1)(2)(0)(1)
1,2,3,1,2,3	(0)(1)(2)(0)(1)(2)
1,2,3,2	(0)(1)(2)(1)
1,2,3,2,2	(0)(1)(2)(1)(1)
1,2,3,2,3	(0)(1)(2)(1)(2)
1,2,3,2,3,2	(0)(1)(2)(1)(2)(1)
1,2,3,2,3,2,3	(0)(1)(2)(1)(2)(1)(2)
1,2,3,3	(0)(1)(2)(2)
1,2,3,3,2	(0)(1)(2)(2)(1)
1,2,3,3,2,3	(0)(1)(2)(2)(1)(2)
1,2,3,3,2,3,3	(0)(1)(2)(2)(1)(2)(2)
1,2,3,3,3	(0)(1)(2)(2)(2)
1,2,3,3,3,3	(0)(1)(2)(2)(2)(2)
1,2,3,4	(0)(1)(2)(3)
1,2,3,4,2	(0)(1)(2)(3)(1)
1,2,3,4,2,3,4	(0)(1)(2)(3)(1)(2)(3)

Y 序列	BMS
1,2,3,4,3	(0)(1)(2)(3)(2)
1,2,3,4,3,4	(0)(1)(2)(3)(2)(3)
1,2,3,4,4	(0)(1)(2)(3)(3)
1,2,3,4,5	(0)(1)(2)(3)(4)
1,2,3,4,5,4	(0)(1)(2)(3)(4)(3)
1,2,3,4,5,4,5	(0)(1)(2)(3)(4)(3)(4)
1,2,3,4,5,5	(0)(1)(2)(3)(4)(4)
1,2,3,4,5,6	(0)(1)(2)(3)(4)(5)
1,2,3,4,5,6,7	(0)(1)(2)(3)(4)(5)(6)
1,2,4	(0,0)(1,1)
1,2,4,1	(0,0)(1,1)(0,0)
1,2,4,1,2	(0,0)(1,1)(0,0)(1,0)
1,2,4,1,2,3	(0,0)(1,1)(0,0)(1,0)(2,0)
1,2,4,1,2,4	(0,0)(1,1)(0,0)(1,1)
1,2,4,2	(0,0)(1,1)(1,0)
1,2,4,2,2	(0,0)(1,1)(1,0)(1,0)
1,2,4,2,3	(0,0)(1,1)(1,0)(2,0)
1,2,4,2,4	(0,0)(1,1)(1,0)(2,1)
1,2,4,3	(0,0)(1,1)(1,0)(2,1)(2,0)
1,2,4,3,5	(0,0)(1,1)(1,0)(2,1)(2,0)(3,1)
1,2,4,3,5,4,6	(0,0)(1,1)(1,0)(2,1) - (2,0)(3,1)(3,0)(4,1)
1,2,4,4	(0,0)(1,1)(1,1)
1,2,4,4,1,2,4,4	(0,0)(1,1)(1,1)(0,0)(1,1)(1,1)
1,2,4,4,2	(0,0)(1,1)(1,1)(1,0)
1,2,4,4,2,4,4	(0,0)(1,1)(1,1)(1,0)(2,1)(2,1)
1,2,4,4,3	(0,0)(1,1)(1,1)(1,0)(2,1)(2,1)(2,0)

Y 序列	BMS
1,2,4,4,3,5,5	(0,0)(1,1)(1,1)(1,0)(2,1) -
, , , , , ,	- (2,1)(2,0)(3,1)(3,1)
1,2,4,4,4	(0,0)(1,1)(1,1)(1,1)
1,2,4,4,4	(0,0)(1,1)(1,1)(1,1)(1,1)
1,2,4,5	(0,0)(1,1)(2,0)
1,2,4,5,2	(0,0)(1,1)(2,0)(1,0)
1,2,4,5,2,4,5	(0,0)(1,1)(2,0)(1,0)(2,1)(3,0)
1,2,4,5,3	(0,0)(1,1)(2,0)(1,0)(2,1)(3,0)(2,0)
1,2,4,5,3,5,6	(0,0)(1,1)(2,0)(1,0)(2,1) - (3,0)(2,0)(3,1)(4,0)
1,2,4,5,4	(0,0)(1,1)(2,0)(1,1)
1,2,4,5,4,4	(0,0)(1,1)(2,0)(1,1)(1,1)
1,2,4,5,4,5	(0,0)(1,1)(2,0)(1,1)(2,0)
1,2,4,5,4,5,4,5	(0,0)(1,1)(2,0)(1,1)(2,0)(1,1)(2,0)
1,2,4,5,5	(0,0)(1,1)(2,0)(2,0)
1,2,4,5,5,4,5	(0,0)(1,1)(2,0)(2,0)(1,1)(2,0)
1,2,4,5,5,4,5,5	(0,0)(1,1)(2,0)(2,0)(1,1)(2,0)(2,0)
1,2,4,5,5,5	(0,0)(1,1)(2,0)(2,0)(2,0)
1,2,4,5,5,5,5	(0,0)(1,1)(2,0)(2,0)(2,0)(2,0)
1,2,4,5,6	(0,0)(1,1)(2,0)(3,0)
1,2,4,5,6,7	(0,0)(1,1)(2,0)(3,0)(4,0)
1,2,4,5,7	(0,0)(1,1)(2,0)(3,1)
1,2,4,5,7,7	(0,0)(1,1)(2,0)(3,1)(3,1)
1,2,4,5,7,8	(0,0)(1,1)(2,0)(3,1)(4,0)
1,2,4,5,7,8,10	(0,0)(1,1)(2,0)(3,1)(4,0)(5,1)
1,2,4,6	(0,0)(1,1)(2,1)
1,2,4,6,2	(0,0)(1,1)(2,1)(1,0)
1,2,4,6,2,4,6	(0,0)(1,1)(2,1)(1,0)(2,1)(3,1)

Y 序列	BMS
1,2,4,6,3	(0,0)(1,1)(2,1)(1,0)(2,1)(3,1)(2,0)
1,2,4,6,3,5,7	(0,0)(1,1)(2,1)(1,0) - (2,1)(3,1)(2,0)(3,1)(4,1)
1,2,4,6,4	(0,0)(1,1)(2,1)(1,1)
1,2,4,6,4,5	(0,0)(1,1)(2,1)(1,1)(2,0)
1,2,4,6,4,5,4	(0,0)(1,1)(2,1)(1,1)(2,0)(1,1)
1,2,4,6,4,5,4,5	(0,0)(1,1)(2,1)(1,1)(2,0)(1,1)(2,0)
1,2,4,6,4,5,5	(0,0)(1,1)(2,1)(1,1)(2,0)(2,0)
1,2,4,6,4,5,6	(0,0)(1,1)(2,1)(1,1)(2,0)(3,0)
1,2,4,6,4,5,7	(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)
1,2,4,6,4,5,7,8	(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)(4,0)
1,2,4,6,4,5,7,8,10	(0,0)(1,1)(2,1)(1,1) - $(2,0)(3,1)(4,0)(5,1)$
1,2,4,6,4,5,7,9	(0,0)(1,1)(2,1)(1,1)(2,0)(3,1)(4,1)
1,2,4,6,4,5,7,9,7	(0,0)(1,1)(2,1)(1,1) - (2,0)(3,1)(4,1)(3,1)
1,2,4,6,4,6	(0,0)(1,1)(2,1)(1,1)(2,1)
1,2,4,6,4,6,4,6	(0,0)(1,1)(2,1)(1,1)(2,1)(1,1)(2,1)
1,2,4,6,5	(0,0)(1,1)(2,1)(2,0)
1,2,4,6,5,5	(0,0)(1,1)(2,1)(2,0)(2,0)
1,2,4,6,5,6	(0,0)(1,1)(2,1)(2,0)(3,0)
1,2,4,6,5,7	(0,0)(1,1)(2,1)(2,0)(3,1)
1,2,4,6,5,7,9	(0,0)(1,1)(2,1)(2,0)(3,1)(4,1)
1,2,4,6,5,7,9,8,10,12	(0,0)(1,1)(2,1)(2,0) - - $(3,1)(4,1)(4,0)(5,1)(6,1)$
1,2,4,6,6	(0,0)(1,1)(2,1)(2,1)
1,2,4,6,6,4	(0,0)(1,1)(2,1)(2,1)(1,1)
1,2,4,6,6,4,5,7,9,9	(0,0)(1,1)(2,1)(2,1)(1,1) - (2,0)(3,1)(4,1)(4,1)

Y 序列	BMS
1,2,4,6,6,4,	(0,0)(1,1)(2,1)(2,1)(1,1) -
5,7,9,9,7	- (2,0)(3,1)(4,1)(4,1)(3,1)
1,2,4,6,6,4,6	(0,0)(1,1)(2,1)(2,1)(1,1)(2,1)
1,2,4,6,6,4,	(0,0)(1,1)(2,1)(2,1)(1,1) -
6,5,7,9,9	- (2,1)(2,0)(3,1)(4,1)(4,1)
1,2,4,6,6,4,	(0,0)(1,1)(2,1)(2,1)(1,1)(2,1) -
6,5,7,9,9,7,9	- (2,0)(3,1)(4,1)(4,1)(3,1)(4,1)
1,2,4,6,6,4,6,6	(0,0)(1,1)(2,1)(2,1)(1,1)(2,1)(2,1)
1,2,4,6,6,5	(0,0)(1,1)(2,1)(2,1)(2,0)
1,2,4,6,6,5,7	(0,0)(1,1)(2,1)(2,1)(2,0)(3,1)
1,2,4,6,6,5,7,8	(0,0)(1,1)(2,1)(2,1)(2,0)(3,1)(4,0)
1,2,4,6,6,5,7,9	(0,0)(1,1)(2,1)(2,1)(2,0)(3,1)(4,1)
124665700	(0,0)(1,1)(2,1)(2,1) -
1,2,4,6,6,5,7,9,9	- (2,0)(3,1)(4,1)(4,1)
1,2,4,6,6,6	(0,0)(1,1)(2,1)(2,1)(2,1)
1,2,4,6,6,6,4,6,6,6	(0,0)(1,1)(2,1)(2,1)(2,1) -
1,2,4,0,0,0,4,0,0,0	- (1,1)(2,1)(2,1)(2,1)
1,2,4,6,6,6,5	(0,0)(1,1)(2,1)(2,1)(2,1)(2,0)
1,2,4,6,6,6,6	(0,0)(1,1)(2,1)(2,1)(2,1)(2,1)
1,2,4,6,7	(0,0)(1,1)(2,1)(3,0)
1,2,4,6,7,2	(0,0)(1,1)(2,1)(3,0)(1,0)
1,2,4,6,7,3	(0,0)(1,1)(2,1)(3,0)(1,0) -
1,2,4,0,7,3	- (2,1)(3,1)(4,0)(2,0)
1,2,4,6,7,4	(0,0)(1,1)(2,1)(3,0)(1,1)
1,2,4,6,7,4,6,7	(0,0)(1,1)(2,1)(3,0)(1,1)(2,1)(3,0)
1,2,4,6,7,5	(0,0)(1,1)(2,1)(3,0)(2,0)
1,2,4,6,7,5,7,9,10	(0,0)(1,1)(2,1)(3,0) -
	- (2,0)(3,1)(4,1)(5,0)
1,2,4,6,7,6	(0,0)(1,1)(2,1)(3,0)(2,1)
1,2,4,6,7,6,4,6,7	(0,0)(1,1)(2,1)(3,0) -
1,2,4,0,1,0,4,0,1	- (2,1)(1,1)(2,1)(3,0)

Y 序列	BMS
1,2,4,6,7,6,4,6,7,6	(0,0)(1,1)(2,1)(3,0)(2,1) -
	- (1,1)(2,1)(3,0)(2,1)
1,2,4,6,7,6,6	(0,0)(1,1)(2,1)(3,0)(2,1)(2,1)
1,2,4,6,7,6,7	(0,0)(1,1)(2,1)(3,0)(2,1)(3,0)
1,2,4,6,7,7	(0,0)(1,1)(2,1)(3,0)(3,0)
1,2,4,6,7,8	(0,0)(1,1)(2,1)(3,0)(4,0)
1,2,4,6,7,8,5	(0,0)(1,1)(2,1)(3,0)(4,0)(2,0)
1,2,4,6,7,9	(0,0)(1,1)(2,1)(3,0)(4,1)
1,2,4,6,7,9,6	(0,0)(1,1)(2,1)(3,0)(4,1)(2,1)
1,2,4,6,7,9,6,2,4	(0,0)(1,1)(2,1)(3,0) - (4,1)(2,1)(1,0)(2,1)
1,2,4,6,7,9,	(0,0)(1,1)(2,1)(3,0)(4,1) -
6,4,6,7,9	-(2,1)(1,1)(2,1)(3,0)(4,1)
1,2,4,6,7,9,	(0,0)(1,1)(2,1)(3,0)(4,1) -
7,4,6,7,9	-(3,0)(1,1)(2,1)(3,0)(4,1)
1,2,4,6,7,9,9	(0,0)(1,1)(2,1)(3,0)(4,1)(4,1)
1,2,4,6,7,9,9,9	(0,0)(1,1)(2,1)(3,0)(4,1)(4,1)(4,1)
1,2,4,6,7,9,10	(0,0)(1,1)(2,1)(3,0)(4,1)(5,0)
1,2,4,6,7,9,	(0,0)(1,1)(2,1)(3,0)(4,1) -
10,4,6,7,9	- (5,0)(1,1)(2,1)(3,0)(4,1)
1,2,4,6,7,9,11	(0,0)(1,1)(2,1)(3,0)(4,1)(5,1)
1,2,4,6,7,9,	(0,0)(1,1)(2,1)(3,0)(4,1) -
11,9,10,12,14	- (5,1)(4,1)(5,0)(6,1)(7,1)
1,2,4,6,7,9,11,11	(0,0)(1,1)(2,1)(3,0)(4,1)(5,1)(5,1)
1,2,4,6,7,9,11,12	(0,0)(1,1)(2,1)(3,0)(4,1)(5,1)(6,0)
1,2,4,6,7,9,11,12,12	(0,0)(1,1)(2,1)(3,0) - (4,1)(5,1)(6,0)(6,0)
104070414044	(0,0)(1,1)(2,1)(3,0) -
1,2,4,6,7,9,11,12,14	- (4,1)(5,1)(6,0)(7,1)
1,2,4,6,7,9,11,12,14,16	(0,0)(1,1)(2,1)(3,0)(4,1) -
	- (5,1)(6,0)(7,1)(8,1)
1,2,4,6,8	(0,0)(1,1)(2,1)(3,1)

Y 序列	BMS
1,2,4,6,8,2	(0,0)(1,1)(2,1)(3,1)(1,0)
1,2,4,6,8,2,2	(0,0)(1,1)(2,1)(3,1)(1,0)(1,0)
1,2,4,6,8,2,3	(0,0)(1,1)(2,1)(3,1)(1,0)(2,0)
1,2,4,6,8,2,4	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)
1,2,4,6,8,2,4,5	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)(3,0)
1,2,4,6,8,2,4,5,7	(0,0)(1,1)(2,1)(3,1) - $(1,0)(2,1)(3,0)(4,1)$
1,2,4,6,8,2,4,6	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1)(3,1)
1,2,4,6,8,2,4,6,7	(0,0)(1,1)(2,1)(3,1) - $(1,0)(2,1)(3,1)(4,0)$
1,2,4,6,8,2,4,6,7,9	(0,0)(1,1)(2,1)(3,1)(1,0) - (2,1)(3,1)(4,0)(5,1)
1,2,4,6,8,2,	(0,0)(1,1)(2,1)(3,1)(1,0) -
4,6,7,9,11	-(2,1)(3,1)(4,0)(5,1)(6,1)
1,2,4,6,8,2,4,6,8	(0,0)(1,1)(2,1)(3,1) $(1,0)(2,1)(3,1)(4,1)$
1,2,4,6,8,2,4,6,8,2	(0,0)(1,1)(2,1)(3,1)(1,0) - (2,1)(3,1)(4,1)(1,0)
1,2,4,6,8,2,	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1) -
4,6,8,2,4,6,8	-(3,1)(4,1)(1,0)(2,1)(3,1)(4,1)
1,2,4,6,8,3	(0,0)(1,1)(2,1)(3,1)(1,0) - (2,1)(3,1)(4,1)(2,0)
1,2,4,6,8,3,5,7,9	(0,0)(1,1)(2,1)(3,1)(1,0)(2,1) - (3,1)(4,1)(2,0)(3,1)(4,1)(5,1)
1,2,4,6,8,4	(0,0)(1,1)(2,1)(3,1)(1,1)
1,2,4,6,8,4,2	(0,0)(1,1)(2,1)(3,1)(1,1)(1,0)
1,2,4,6,8,4,2,4	(0,0)(1,1)(2,1)(3,1)(1,1)(1,0)(2,1)
1,2,4,6,8,4,2,4,6	(0,0)(1,1)(2,1)(3,1) - (1,1)(1,0)(2,1)(3,1)
1,2,4,6,8,4,2,4,6,8	(0,0)(1,1)(2,1)(3,1)(1,1) - (1,0)(2,1)(3,1)(4,1)
1,2,4,6,8,4, 2,4,6,8,3	(0,0)(1,1)(2,1)(3,1)(1,1) - (1,0)(2,1)(3,1)(4,1) - (2,0)(3,1)(4,1)(5,1)
1,2,4,6,8,4, 2,4,6,8,4	(0,0)(1,1)(2,1)(3,1)(1,1) - (1,0)(2,1)(3,1)(4,1)(2,1)

Y 序列	BMS
1,2,4,6,8,4,4	(0,0)(1,1)(2,1)(3,1)(1,1)(1,1)
1,2,4,6,8,4,5	(0,0)(1,1)(2,1)(3,1)(1,1)(2,0)
1,2,4,6,8,4,5,7,9,11	(0,0)(1,1)(2,1)(3,1) - (1,1)(2,0)(3,1)(4,1)(5,1)
1,2,4,6,8,4,	(0,0)(1,1)(2,1)(3,1)(1,1) -
5,7,9,11,7	-(2,0)(3,1)(4,1)(5,1)(3,1)
1,2,4,6,8,4,6	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)
1,2,4,6,8,4,6,7	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0)
1,2,4,6,8,4,6,7,9	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0)(4,1)
1,2,4,6,8,4,6,7,9,11	(0,0)(1,1)(2,1)(3,1) -
, , , , , , , , ,	- (1,1)(2,1)(3,0)(4,1)(5,1)
1,2,4,6,8,4,	(0,0)(1,1)(2,1)(3,1)(1,1) -
6,7,9,11,13	-(2,1)(3,0)(4,1)(5,1)(6,1)
1,2,4,6,8,4,	(0,0)(1,1)(2,1)(3,1)(1,1) -
6,7,9,11,13,5	-(2,1)(3,0)(4,1)(5,1)(6,1)(2,0)
1,2,4,6,8,4,6,7,9,	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) -
11,13,5,4,6,7,9,11,13	- (3,0)(4,1)(5,1)(6,1)(2,0)(1,1) -
1 0 4 6 0 4	- (2,1)(3,0)(4,1)(5,1)(6,1)
1,2,4,6,8,4,	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) -
6,7,9,11,13,5,5	- (3,0)(4,1)(5,1)(6,1)(2,0)(2,0)
1,2,4,6,8,4,	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) -
6,7,9,11,13,5,6	- (3,0)(4,1)(5,1)(6,1)(2,0)(3,0)
1,2,4,6,8,4,6, 7,9,11,13,5,7	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) -
, , , , ,	$ \begin{array}{c c} - (3,0)(4,1)(5,1)(6,1)(2,0)(3,1) \\ \hline (0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0) - \end{array} $
1,2,4,6,8,4,6,7, 9,11,13,5,7,9,11	-(4,1)(5,1)(6,1)(2,0)(3,1)(4,1)(5,1)
1,2,4,6,8,4,	(0,0)(1,1)(2,1)(3,1)(1,1) -
6,7,9,11,13,6	-(2,1)(3,0)(4,1)(5,1)(6,1)(2,1)
0,7,9,11,13,0	(0,0)(1,1)(2,1)(3,1)(1,1) -
1,2,4,6,8,4,6,7,	-(2,1)(3,0)(4,1)(5,1)(6,1) -
9,11,13,6,7,9,11,13	-(2,1)(3,0)(4,1)(5,1)(6,1) $-(2,1)(3,0)(4,1)(5,1)(6,1)$
1,2,4,6,8,4,	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1) -
6,7,9,11,13,7	-(3,0)(4,1)(5,1)(6,1)(3,0)
1,2,4,6,8,4,6,7,	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,0) -
9,11,13,7,9,11,13	-(4,1)(5,1)(6,1)(3,0)(4,1)(5,1)(6,1)
1,2,4,6,8,4,	(0,0)(1,1)(2,1)(3,1)(1,1) -
6,7,9,11,13,9	$\begin{array}{c c} (0,0)(1,1)(2,1)(3,1)(1,1) \\ \hline -(2,1)(3,0)(4,1)(5,1)(6,1)(4,1) \end{array}$
0,1,0,11,10,0	(2,1)(0,0)(1,1)(0,1)(0,1)(1,1)

Y 序列	BMS
1,2,4,6,8,4,6,7, 9,11,13,9,10,12,14,16	(0,0)(1,1)(2,1)(3,1)(1,1) - $- (2,1)(3,0)(4,1)(5,1)(6,1)(4,1) -$ $- (5,1)(6,0)(7,1)(8,1)(9,1)$
1,2,4,6,8,4,6,8	(0,0)(1,1)(2,1)(3,1)(1,1)(2,1)(3,1)
1,2,4,6,8,5	(0,0)(1,1)(2,1)(3,1)(2,0)
1,2,4,6,8,5,7,9,11	(0,0)(1,1)(2,1)(3,1)(2,0)(3,1)(4,1)(5,1)
1,2,4,6,8,6	(0,0)(1,1)(2,1)(3,1)(2,1)
1,2,4,6,8,6,7	(0,0)(1,1)(2,1)(3,1)(2,1)(3,0)
1,2,4,6,8,6,7,9	(0,0)(1,1)(2,1)(3,1)(2,1)(3,0)(4,1)
1,2,4,6,8,6,7,9,11,13	(0,0)(1,1)(2,1)(3,1)(2,1) - (3,0)(4,1)(5,1)(6,1)
1,2,4,6,8,6,8	(0,0)(1,1)(2,1)(3,1)(2,1)(3,1)
1,2,4,6,8,6,8,6,8	(0,0)(1,1)(2,1)(3,1) - $(2,1)(3,1)(2,1)(3,1)$
1,2,4,6,8,7	(0,0)(1,1)(2,1)(3,1)(3,0)
1,2,4,6,8,7,5	(0,0)(1,1)(2,1)(3,1)(3,0)(2,0)
1,2,4,6,8,7,6	(0,0)(1,1)(2,1)(3,1)(3,0)(2,1)
1,2,4,6,8,7,6,7	(0,0)(1,1)(2,1)(3,1)(3,0)(2,1)(3,0)
1,2,4,6,8,7,6,8	(0,0)(1,1)(2,1)(3,1)(3,0)(2,1)(3,1)
1,2,4,6,8,7,6,8,7	(0,0)(1,1)(2,1)(3,1) - - $(3,0)(2,1)(3,1)(3,0)$
1,2,4,6,8,7,7	(0,0)(1,1)(2,1)(3,1)(3,0)(3,0)
1,2,4,6,8,7,8	(0,0)(1,1)(2,1)(3,1)(3,0)(4,0)
1,2,4,6,8,7,9	(0,0)(1,1)(2,1)(3,1)(3,0)(4,1)
1,2,4,6,8,7,9,11,13	(0,0)(1,1)(2,1)(3,1) - $(3,0)(4,1)(5,1)(6,1)$
1,2,4,6,8,8	(0,0)(1,1)(2,1)(3,1)(3,1)
1,2,4,6,8,8,6	(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)
1,2,4,6,8,8,6,8	(0,0)(1,1)(2,1)(3,1)(3,1)(2,1)(3,1)
1,2,4,6,8,8,6,8,7	(0,0)(1,1)(2,1)(3,1) - - $(3,1)(2,1)(3,1)(3,0)$

Y 序列	BMS
1,2,4,6,8,8,6,8,8	(0,0)(1,1)(2,1)(3,1) -
	- (3,1)(2,1)(3,1)(3,1)
1,2,4,6,8,8,7	(0,0)(1,1)(2,1)(3,1)(3,1)(3,0)
1,2,4,6,8,8,8	(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)
1,2,4,6,8,8,8,6,8,8,8	(0,0)(1,1)(2,1)(3,1)(3,1) - (3,1)(2,1)(3,1)(3,1)(3,1)
1,2,4,6,8,8,8,7	(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)(3,0)
1,2,4,6,8,8,8,8	(0,0)(1,1)(2,1)(3,1)(3,1)(3,1)(3,1)
1,2,4,6,8,9	(0,0)(1,1)(2,1)(3,1)(4,0)
1,2,4,6,8,9,8	(0,0)(1,1)(2,1)(3,1)(4,0)(3,1)
1,2,4,6,8,9,8,9	(0,0)(1,1)(2,1)(3,1)(4,0)(3,1)(4,0)
1,2,4,6,8,9,9	(0,0)(1,1)(2,1)(3,1)(4,0)(4,0)
1,2,4,6,8,9,11	(0,0)(1,1)(2,1)(3,1)(4,0)(5,1)
1,2,4,6,8,9,11,13,15	(0,0)(1,1)(2,1)(3,1) - (4,0)(5,1)(6,1)(7,1)
	(0,0)(1,1)(2,1)(3,1)(4,0) -
1,2,4,6,8,9,11,13,15,16	- (5,1)(6,1)(7,1)(8,0)
1,2,4,6,8,9,	(0,0)(1,1)(2,1)(3,1)(4,0) -
11,13,15,16,18	- (5,1)(6,1)(7,1)(8,0)(9,1)
1,2,4,6,8,10	(0,0)(1,1)(2,1)(3,1)(4,1)
1,2,4,6,8,10,6	(0,0)(1,1)(2,1)(3,1)(4,1)(2,1)
1,2,4,6,8,10,8	(0,0)(1,1)(2,1)(3,1)(4,1)(3,1)
1,2,4,6,8,10,8,10	(0,0)(1,1)(2,1)(3,1)(4,1)(3,1)(4,1)
1,2,4,6,8,10,9	(0,0)(1,1)(2,1)(3,1)(4,1)(4,0)
1,2,4,6,8,10,10	(0,0)(1,1)(2,1)(3,1)(4,1)(4,1)
1,2,4,6,8,10,10,10	(0,0)(1,1)(2,1)(3,1)(4,1)(4,1)(4,1)
1,2,4,6,8,10,11	(0,0)(1,1)(2,1)(3,1)(4,1)(5,0)
1,2,4,6,8,10,12	(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)
1,2,4,6,8,10,12,14	(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)(6,1)
1,2,4,7	(0,0)(1,1)(2,2)

Y 序列	BMS
1,2,4,7,2	(0,0)(1,1)(2,2)(1,0)
1,2,4,7,2,4,7	(0,0)(1,1)(2,2)(1,0)(2,1)(3,2)
1,2,4,7,4	(0,0)(1,1)(2,2)(1,1)
1,2,4,7,4,6	(0,0)(1,1)(2,2)(1,1)(2,1)
1,2,4,7,4,6,8	(0,0)(1,1)(2,2)(1,1)(2,1)(3,1)
1,2,4,7,4,7	(0,0)(1,1)(2,2)(1,1)(2,2)
1,2,4,7,4,7,4,7	(0,0)(1,1)(2,2)(1,1)(2,2)(1,1)(2,2)
1,2,4,7,5	(0,0)(1,1)(2,2)(2,0)
1,2,4,7,5,5	(0,0)(1,1)(2,2)(2,0)(2,0)
1,2,4,7,5,6	(0,0)(1,1)(2,2)(2,0)(3,0)
1,2,4,7,5,7	(0,0)(1,1)(2,2)(2,0)(3,1)
1,2,4,7,5,7,10	(0,0)(1,1)(2,2)(2,0)(3,1)(4,2)
1,2,4,7,6	(0,0)(1,1)(2,2)(2,1)
1,2,4,7,6,7	(0,0)(1,1)(2,2)(2,1)(3,0)
1,2,4,7,6,8	(0,0)(1,1)(2,2)(2,1)(3,1)
1,2,4,7,6,9	(0,0)(1,1)(2,2)(2,1)(3,2)
1,2,4,7,6,9,8	(0,0)(1,1)(2,2)(2,1)(3,2)(3,1)
1,2,4,7,6,9,8,11	(0,0)(1,1)(2,2)(2,1)(3,2)(3,1)(4,2)
1,2,4,7,7	(0,0)(1,1)(2,2)(2,2)
1,2,4,7,7,4,7,7	(0,0)(1,1)(2,2)(2,2)(1,1)(2,2)(2,2)
1,2,4,7,7,5	(0,0)(1,1)(2,2)(2,2)(2,0)
1,2,4,7,7,6	(0,0)(1,1)(2,2)(2,2)(2,1)
1,2,4,7,7,6,9,9	(0,0)(1,1)(2,2)(2,2)(2,1)(3,2)(3,2)
1,2,4,7,7,7	(0,0)(1,1)(2,2)(2,2)(2,2)
1,2,4,7,8	(0,0)(1,1)(2,2)(3,0)
1,2,4,7,8,10	(0,0)(1,1)(2,2)(3,0)(4,1)

Y 序列	BMS
1,2,4,7,8,10,13	(0,0)(1,1)(2,2)(3,0)(4,1)(5,2)
1,2,4,7,9	(0,0)(1,1)(2,2)(3,1)
1,2,4,7,9,7,9	(0,0)(1,1)(2,2)(3,1)(2,2)(3,1)
1,2,4,7,9,8	(0,0)(1,1)(2,2)(3,1)(3,0)
1,2,4,7,9,9	(0,0)(1,1)(2,2)(3,1)(3,1)
1,2,4,7,9,12	(0,0)(1,1)(2,2)(3,1)(4,2)
1,2,4,7,10	(0,0)(1,1)(2,2)(3,2)
1,2,4,7,10,10	(0,0)(1,1)(2,2)(3,2)(3,2)
1,2,4,7,10,11	(0,0)(1,1)(2,2)(3,2)(4,0)
1,2,4,7,10,12	(0,0)(1,1)(2,2)(3,2)(4,1)
1,2,4,7,10,12,7,10,12	(0,0)(1,1)(2,2)(3,2) -
1,2,4,7,10,12,8	(4,1)(2,2)(3,2)(4,1) $ (0,0)(1,1)(2,2)(3,2)(4,1)(3,0)$
1,2,4,7,10,12,8,10	(0,0)(1,1)(2,2)(3,2)(4,1)(3,0)(4,1)
1,2,4,7,10,12,9	(0,0)(1,1)(2,2)(3,2)(1,1)(3,0)(1,1) $(0,0)(1,1)(2,2)(3,2)(4,1)(3,1)$
. , , , , ,	(0,0)(1,1)(2,2)(3,2)(4,1) - (0,0)(1,1)(2,2)(3,2)(4,1) -
1,2,4,7,10,12,9,12,15,17	- (3,1)(4,2)(5,2)(6,1)(5,1)
1,2,4,7,10,12,10	(0,0)(1,1)(2,2)(3,2)(4,1)(3,2)
1,2,4,7,10,12,10,12	(0,0)(1,1)(2,2)(3,2)(4,1)(3,2)(4,1)
1,2,4,7,10,12,11	(0,0)(1,1)(2,2)(3,2)(4,1)(4,0)
1,2,4,7,10,12,12	(0,0)(1,1)(2,2)(3,2)(4,1)(4,1)
1,2,4,7,10,12,13	(0,0)(1,1)(2,2)(3,2)(4,1)(5,0)
1,2,4,7,10,12,14	(0,0)(1,1)(2,2)(3,2)(4,1)(5,1)
1,2,4,7,10,12,15	(0,0)(1,1)(2,2)(3,2)(4,1)(5,2)
1,2,4,7,10,12,15,18	(0,0)(1,1)(2,2)(3,2)(4,1)(5,2)(6,2)
1,2,4,7,10,12,15,18,20	(0,0)(1,1)(2,2)(3,2) - (4,1)(5,2)(6,2)(7,1)
1,2,4,7,10,13	(0,0)(1,1)(2,2)(3,2)(4,2)
-,-,-,-,-,+-	(~,~,(-,+)(-,-)(~,-)(+,-)

Y 序列	BMS
1,2,4,7,10,13	(0,0)(1,1)(2,2)(3,2)(4,2) -
,1,2,4,7,10,13	- (0,0)(1,1)(2,2)(3,2)(4,2)
1,2,4,7,10,13,4,7,10,13	(0,0)(1,1)(2,2)(3,2)(4,2) -
1,2,4,1,10,10,4,1,10,10	- (1,1)(2,2)(3,2)(4,2)
1,2,4,7,10,13,6,9,12,15	(0,0)(1,1)(2,2)(3,2)(4,2) -
	- (2,1)(3,2)(4,2)(5,2)
1,2,4,7,10,13,7,10,13	(0,0)(1,1)(2,2)(3,2) -
	- (4,2)(2,2)(3,2)(4,2)
1,2,4,7,10,13,10	(0,0)(1,1)(2,2)(3,2)(4,2)(3,2)
1,2,4,7,10,13,16	(0,0)(1,1)(2,2)(3,2)(4,2)(5,2)
1,2,4,7,11	(0,0)(1,1)(2,2)(3,3)
1,2,4,7,11,4,7,11	(0,0)(1,1)(2,2)(3,3)(1,1)(2,2)(3,3)
1,2,4,7,11,6,9,13	(0,0)(1,1)(2,2)(3,3)(2,1)(3,2)(4,3)
1,2,4,7,11,7	(0,0)(1,1)(2,2)(3,3)(2,2)
1,2,4,7,11,7,10,13	(0,0)(1,1)(2,2)(3,3)(2,2)(3,2)(4,2)
1,2,4,7,11,7,11	(0,0)(1,1)(2,2)(3,3)(2,2)(3,3)
1,2,4,7,11,10,14	(0,0)(1,1)(2,2)(3,3)(3,2)(4,3)
1,2,4,7,11,11	(0,0)(1,1)(2,2)(3,3)(3,3)
1,2,4,7,11,12	(0,0)(1,1)(2,2)(3,3)(4,0)
1,2,4,7,11,15	(0,0)(1,1)(2,2)(3,3)(4,3)
1,2,4,7,11,15,19	(0,0)(1,1)(2,2)(3,3)(4,3)(5,3)
1,2,4,7,11,16	(0,0)(1,1)(2,2)(3,3)(4,4)
1,2,4,7,11,16,21,26	(0,0)(1,1)(2,2)(3,3)(4,4)(5,4)(6,4)
1,2,4,7,11,16,22	(0,0)(1,1)(2,2)(3,3)(4,4)(5,5)
1,2,4,8	(0,0,0)(1,1,1)
1,2,4,8,1	(0,0,0)(1,1,1)(0,0,0)
1,2,4,8,2	(0,0,0)(1,1,1)(1,0,0)
1,2,4,8,2,4,8	(0,0,0)(1,1,1)(1,0,0)(2,1,1)
1,2,4,8,3	(0,0,0)(1,1,1)(1,0,0)(2,1,1)(2,0,0)

Y 序列	BMS
1,2,4,8,4	(0,0,0)(1,1,1)(1,1,0)
1,2,4,8,4,6,8	(0,0,0)(1,1,1)(1,1,0)(2,1,0)(3,1,0)
1,2,4,8,4,7	(0,0,0)(1,1,1)(1,1,0)(2,2,0)
1,2,4,8,4,7,11	(0,0,0)(1,1,1)(1,1,0)(2,2,0)(3,3,0)
1,2,4,8,4,8	(0,0,0)(1,1,1)(1,1,0)(2,2,1)
1,2,4,8,5	(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,0,0)
1,2,4,8,5,4,8,5	(0,0,0)(1,1,1)(1,1,0)(2,2,1) - (2,0,0)(1,1,0)(2,2,1)(2,0,0)
1,2,4,8,5,5	(0,0,0)(1,1,1)(1,1,0) - $(2,2,1)(2,0,0)(2,0,0)$
1,2,4,8,5,5,4,8,5	(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,0,0) (2,0,0)(1,1,0)(2,2,1)(2,0,0)
1,2,4,8,6	(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,1,0)
1,2,4,8,6,9	(0,0,0)(1,1,1)(1,1,0) - (2,2,1)(2,1,0)(3,2,0)
1,2,4,8,6,10	(0,0,0)(1,1,1)(1,1,0) - (2,2,1)(2,1,0)(3,2,1)
1,2,4,8,6,10,7	(0,0,0)(1,1,1)(1,1,0)(2,2,1) - (2,1,0)(3,2,1)(3,0,0)
1,2,4,8,6,10,8	(0,0,0)(1,1,1)(1,1,0)(2,2,1) - (2,1,0)(3,2,1)(3,1,0)
1,2,4,8,6,10,8,12	(0,0,0)(1,1,1)(1,1,0)(2,2,1) - (2,1,0)(3,2,1)(3,1,0)(4,2,1)
1,2,4,8,7	(0,0,0)(1,1,1)(1,1,0)(2,2,1)(2,2,0)
1,2,4,8,7,12	(0,0,0)(1,1,1)(1,1,0) - $(2,2,1)(2,2,0)(3,3,1)$
1,2,4,8,7,12,8	(0,0,0)(1,1,1)(1,1,0)(2,2,1) - (2,2,0)(3,3,1)(3,0,0)
1,2,4,8,7,12,11	(0,0,0)(1,1,1)(1,1,0)(2,2,1) - (2,2,0)(3,3,1)(3,3,0)
1,2,4,8,8	(0,0,0)(1,1,1)(1,1,1)
1,2,4,8,8,4	(0,0,0)(1,1,1)(1,1,1)(1,1,0)
1,2,4,8,8,7	(0,0,0)(1,1,1)(1,1,1)(1,1,0) - (2,2,1)(2,2,1)(2,2,0)

Y 序列	BMS
1,2,4,8,8,8	(0,0,0)(1,1,1)(1,1,1)(1,1,1)
1,2,4,8,9	(0,0,0)(1,1,1)(2,0,0)
1,2,4,8,9,4,8,9	(0,0,0)(1,1,1)(2,0,0) - - $(1,1,0)(2,2,1)(3,0,0)$
1,2,4,8,9,8	(0,0,0)(1,1,1)(2,0,0)(1,1,1)
1,2,4,8,9,8,9	(0,0,0)(1,1,1)(2,0,0)(1,1,1)(2,0,0)
1,2,4,8,9,9	(0,0,0)(1,1,1)(2,0,0)(2,0,0)
1,2,4,8,9,11	(0,0,0)(1,1,1)(2,0,0)(3,1,0)
1,2,4,8,9,11,14	(0,0,0)(1,1,1)(2,0,0)(3,1,0)(4,2,0)
1,2,4,8,9,11,15	(0,0,0)(1,1,1)(2,0,0)(3,1,1)
1,2,4,8,10	(0,0,0)(1,1,1)(2,1,0)
1,2,4,8,10,4,8,10	(0,0,0)(1,1,1)(2,1,0) - - $(1,1,0)(2,2,1)(3,1,0)$
1,2,4,8,10,7	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - - $(2,2,1)(3,1,0)(2,2,0)$
1,2,4,8,10,7,12,14	(0,0,0)(1,1,1)(2,1,0)(1,1,0)(2,2,1) - (3,1,0)(2,2,0)(3,3,1)(4,1,0)
1,2,4,8,10,8	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(2,2,1)
1,2,4,8,10,10	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(3,1,0)
1,2,4,8,10,12	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,1,0)(4,1,0)
1,2,4,8,10,13	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - - $(2,2,1)(3,1,0)(4,2,0)$
1,2,4,8,10,14	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - $- (2,2,1)(3,1,0)(4,2,1)$
1,2,4,8,11	(0,0,0)(1,1,1)(2,1,0) - - $(1,1,0)(2,2,1)(3,2,0)$
1,2,4,8,11,7,12,16	(0,0,0)(1,1,1)(2,1,0)(1,1,0) - (2,2,1)(3,2,0)(2,2,0)(3,3,1)(4,3,0)
1,2,4,8,11,8	(0,0,0)(1,1,1)(2,1,0)(1,1,1)
1,2,4,8,11,8,4	(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0)

Y 序列	BMS
1,2,4,8,11,8,4,8	(0,0,0)(1,1,1)(2,1,0) -
	- (1,1,1)(1,1,0)(2,2,1)
1,2,4,8,11,8,4,8,8	(0,0,0)(1,1,1)(2,1,0)(1,1,1) -
,,_,_,_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- (1,1,0)(2,2,1)(2,2,1)
1,2,4,8,11,8,4,8,10	(0,0,0)(1,1,1)(2,1,0)(1,1,1) -
, , , , , , , , , , , , , , , , , , , ,	- (1,1,0)(2,2,1)(3,1,0)
1,2,4,8,11,8,4,8,10,8	(0,0,0)(1,1,1)(2,1,0)(1,1,1) -
	- (1,1,0)(2,2,1)(3,1,0)(2,2,1)
1,2,4,8,11,8,4,8,11	(0,0,0)(1,1,1)(2,1,0)(1,1,1) -
	- (1,1,0)(2,2,1)(3,2,0)
1,2,4,8,11,8,	(0,0,0)(1,1,1)(2,1,0)(1,1,1) -
4,8,11,7,12,15,12	- (1,1,0)(2,2,1)(3,2,0)(2,2,0) -
	- (3,3,1)(4,2,0)(3,3,1)
1,2,4,8,11,8,4,8,11,8	(0,0,0)(1,1,1)(2,1,0)(1,1,1) - (1,1,0)(2,2,1)(2,2,0)(2,2,1)
	$ \begin{array}{c c} -(1,1,0)(2,2,1)(3,2,0)(2,2,1) \\ \hline (0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,0) \ - \end{array} $
1,2,4,8,11,8,7	-(2,2,1)(3,2,0)(2,2,1)(2,2,0)
1,2,4,8,11,8,8	(0,0,0)(1,1,1)(2,1,0)(1,1,1)(1,1,1)
1,2,4,8,11,8,10	(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,1,0)
1,2,4,8,11,8,11	(0,0,0)(1,1,1)(2,1,0)(1,1,1)(2,1,0) -
, , ,-, ,-,	- (1,1,0)(2,2,1)(3,2,0)(2,2,1)(3,2,0)
1,2,4,8,11,8,11,8	(0,0,0)(1,1,1)(2,1,0) -
	- (1,1,1)(2,1,0)(1,1,1)
1,2,4,8,11,9	(0,0,0)(1,1,1)(2,1,0)(2,0,0)
1,2,4,8,11,9,8	(0,0,0)(1,1,1)(2,1,0)(2,0,0)(1,1,1)
1,2,4,8,11,10	(0,0,0)(1,1,1)(2,1,0)(2,1,0)
1,2,4,8,11,11	(0,0,0)(1,1,1)(2,1,0)(2,1,0) -
1,2,4,0,11,11	- (1,1,0)(2,2,1)(3,2,0)(3,2,0)
1,2,4,8,11,11,8	(0,0,0)(1,1,1)(2,1,0)(2,1,0)(1,1,1)
194011110110	(0,0,0)(1,1,1)(2,1,0)(2,1,0) -
1,2,4,8,11,11,8,11,8	- (1,1,1)(2,1,0)(1,1,1)
1,2,4,8,11,11,8,11,9	(0,0,0)(1,1,1)(2,1,0)(2,1,0) -
	- (1,1,1)(2,1,0)(2,0,0)
1,2,4,8,11,11,8,11,11,8	(0,0,0)(1,1,1)(2,1,0)(2,1,0) -
	- (1,1,1)(2,1,0)(2,1,0)(1,1,1)
1,2,4,8,11,11,9	(0,0,0)(1,1,1)(2,1,0)(2,1,0)(2,0,0)

Y序列	BMS
1,2,4,8,11,11,11,8	(0,0,0)(1,1,1)(2,1,0) -
	- (2,1,0)(2,1,0)(1,1,1)
1,2,4,8,11,12	(0,0,0)(1,1,1)(2,1,0)(3,0,0)
1,2,4,8,11,13	(0,0,0)(1,1,1)(2,1,0)(3,1,0)
1,2,4,8,11,14	(0,0,0)(1,1,1)(2,1,0)(3,1,0) - - $(1,1,0)(2,2,1)(3,2,0)(4,2,0)$
1,2,4,8,11,14,8	(0,0,0)(1,1,1)(2,1,0)(3,1,0)(1,1,1)
1,2,4,8,11,14,9	(0,0,0)(1,1,1)(2,1,0)(3,1,0)(2,0,0)
1,2,4,8,11,14,11,8	(0,0,0)(1,1,1)(2,1,0) -
	$ \begin{array}{c} -(3,1,0)(2,1,0)(1,1,1) \\ \hline (0,0,0)(1,1,1)(2,1,0)(3,1,0) - \end{array} $
1,2,4,8,11,14,11,14,8	(0,0,0)(1,1,1)(2,1,0)(3,1,0) = - $(2,1,0)(3,1,0)(1,1,1)$
1,2,4,8,11,14,12	(0,0,0)(1,1,1)(2,1,0)(3,1,0)(3,0,0)
1,2,4,8,11,14,14,8	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,0,11,14,14,0	- (3,1,0)(3,1,0)(1,1,1)
1,2,4,8,11,14,14,14,8	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
1,2,1,0,11,11,11,11,0	- (3,1,0)(3,1,0)(1,1,1)
1,2,4,8,11,14,15	(0,0,0)(1,1,1)(2,1,0)(3,1,0)(4,0,0)
1,2,4,8,11,14,17,8	(0,0,0)(1,1,1)(2,1,0) -
	- (3,1,0)(4,1,0)(1,1,1)
1,2,4,8,11,14,17,14,8	(0,0,0)(1,1,1)(2,1,0)(3,1,0) - - $(4,1,0)(3,1,0)(1,1,1)$
	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
1,2,4,8,11,14,17,14,17,8	- (4,1,0)(3,1,0)(4,1,0)(1,1,1)
1040111415141510	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
1,2,4,8,11,14,17,14,17,12	-(4,1,0)(3,1,0)(4,1,0)(3,0,0)
1,2,4,8,11,14,17,17,8	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
1,2,1,0,11,11,11,11,0	- (4,1,0)(4,1,0)(1,1,1)
1,2,4,8,11,14,17,18	(0,0,0)(1,1,1)(2,1,0) - $(3,1,0)(4,1,0)(5,0,0)$
	(0,0,0)(1,1,1)(2,1,0)(3,1,0) -
1,2,4,8,11,14,17,20,8	-(4,1,0)(5,1,0)(1,1,1)
1,2,4,8,11,15	(0,0,0)(1,1,1)(2,1,0)(3,2,0)
1948111548	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,8,11,15,4,8	-(3,2,0)(1,1,0)(2,2,1)
1,2,4,8,11,15,4,8,9,11	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
	- (1,1,0)(2,2,1)(3,0,0)(4,1,0)

Y 序列	BMS
1,2,4,8,11,15,4,	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
8,9,11,6,10,11,13	- (1,1,0)(2,2,1)(3,0,0)(4,1,0) -
0,9,11,0,10,11,13	-(2,1,0)(3,2,1)(4,0,0)(5,1,0)
1,2,4,8,11,15,	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,0) -
4,8,9,11,7	-(2,2,1)(3,0,0)(4,1,0)(2,2,0)
1,2,4,8,11,15,	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,0) -
4,8,9,11,8	-(2,2,1)(3,0,0)(4,1,0)(2,2,1)
1,2,4,8,11,15,	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
4,8,9,11,15	- (1,1,0)(2,2,1)(3,0,0)(4,1,1)
1,2,4,8,11,15,4,8,10	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,2,4,0,11,10,4,0,10	- (1,1,0)(2,2,1)(3,1,0)
1,2,4,8,11,15,4,8,11,8	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,2,4,0,11,10,4,0,11,0	- (1,1,0)(2,2,1)(3,2,0)(2,2,1)
1,2,4,8,11,15,4,8,11,15	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,2,4,0,11,10,4,0,11,10	- (1,1,0)(2,2,1)(3,2,0)(4,3,0)
	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,2,4,8,11,15,7,12,16,21	- (1,1,0)(2,2,1)(3,2,0)(4,3,0) -
	- (2,2,0)(3,3,1)(4,3,0)(5,4,0)
1,2,4,8,11,15,8	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(1,1,1)
1,2,4,8,11,15,8,11,15	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,2,4,0,11,10,0,11,10	- (1,1,1)(2,1,0)(3,2,0)
1,2,4,8,11,15,11,15	(0,0,0)(1,1,1)(2,1,0) -
1,2,1,0,11,10,11,10	- (3,2,0)(2,1,0)(3,2,0)
1,2,4,8,11,15,13,17	(0,0,0)(1,1,1)(2,1,0) -
1,2,1,0,11,10,10,11	- (3,2,0)(3,1,0)(4,2,0)
1,2,4,8,11,15,15	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(3,2,0)
1,2,4,8,11,15,16	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,0,0)
1,2,4,8,11,15,18,8	(0,0,0)(1,1,1)(2,1,0) -
1,2,1,0,11,10,10,0	- (3,2,0)(4,1,0)(1,1,1)
1,2,4,8,11,15,19	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,2,0)
1,2,4,8,11,15,19,20	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,0,11,10,13,20	- (3,2,0)(4,2,0)(5,0,0)
1,2,4,8,11,15,19,22,8	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,2,4,0,11,10,10,22,0	- (4,2,0)(5,1,0)(1,1,1)
1,2,4,8,11,15,19,23	(0,0,0)(1,1,1)(2,1,0) -
	- (3,2,0)(4,2,0)(5,2,0)
1,2,4,8,11,15,20	(0,0,0)(1,1,1)(2,1,0)(3,2,0)(4,3,0)

Y 序列	BMS
1,2,4,8,11,15,20,20	(0,0,0)(1,1,1)(2,1,0) -
	- (3,2,0)(4,3,0)(4,3,0)
101011170001	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,8,11,15,20,21	- (3,2,0)(4,3,0)(5,0,0)
1 0 4 0 11 17 00 07	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,8,11,15,20,25	- (3,2,0)(4,3,0)(5,3,0)
1,2,4,8,11,15,20,25,30	(0,0,0)(1,1,1)(2,1,0)(3,2,0) -
1,2,4,0,11,10,20,20,00	- (4,3,0)(5,3,0)(6,3,0)
1,2,4,8,11,15,20,26	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,0,11,10,20,20	- (3,2,0)(4,3,0)(5,4,0)
1,2,4,8,11,16	(0,0,0)(1,1,1)(2,1,0)(3,2,1)
1,2,4,8,11,16,4,8	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,0,11,10,4,0	- (3,2,1)(1,1,0)(2,2,1)
1,2,4,8,11,16,4,8,11,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,1,0,11,10,1,0,11,0	- (1,1,0)(2,2,1)(3,2,0)(2,2,1)
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
4,8,11,11,8	- (1,1,0)(2,2,1)(3,2,0)(3,2,0)(2,2,1)
1,2,4,8,11,16,4,8,11,15	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (1,1,0)(2,2,1)(3,2,0)(4,3,0)
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,0) -
4,8,11,15,20	- (2,2,1)(3,2,0)(4,3,0)(5,4,0)
1,2,4,8,11,16,4,8,11,16	(0,0,0)(1,1,1)(2,1,0)(3,2,1)
	- (1,1,0)(2,2,1)(3,2,0)(4,3,1)
1 9 4 9 11 16 7 19 15	(0,0,0)(1,1,1)(2,1,0)(3,2,1) - (1,1,0)(2,2,1)(3,2,0)(4,3,1) -
1,2,4,8,11,16,7,12,15	- (1,1,0)(2,2,1)(3,2,0)(4,3,1) (2,2,0)(3,3,1)(4,2,0)
	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,7,12,16,21	-(1,1,0)(2,2,1)(3,2,0)(4,3,1) -
1,2,1,0,11,10,1,12,10,21	-(2,2,0)(3,3,1)(4,3,0)(5,4,0)
	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,7,12,16,22	- (1,1,0)(2,2,1)(3,2,0)(4,3,1) -
, , ,-,,,:,+ - ,+ - ,+ - ,- -	-(2,2,0)(3,3,1)(4,3,0)(5,4,1)
1,2,4,8,11,16,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1)
1,2,4,8,11,16,8,8	(0,0,0)(1,1,1)(2,1,0) -
	-(3,2,1)(1,1,1)(1,1,1)
1,2,4,8,11,16,8,10	(0,0,0)(1,1,1)(2,1,0) -
	- (3,2,1)(1,1,1)(2,1,0)

Y 序列	BMS
1,2,4,8,11,16,8,11	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (1,1,1)(2,1,0)(1,1,0)(2,2,1) -
	- (3,2,0)(4,3,1)(2,2,1)(3,2,0)
104011100110	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,8,11,8	- (1,1,1)(2,1,0)(1,1,1)
1,2,4,8,11,16,8,11,11,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,0,11,10,0,11,11,0	- (1,1,1)(2,1,0)(2,1,0)(1,1,1)
1,2,4,8,11,16,8,11,12	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,0,11,10,0,11,12	- (1,1,1)(2,1,0)(3,0,0)
1,2,4,8,11,16,8,11,15	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,0,11,10,0,11,10	- (1,1,1)(2,1,0)(3,2,0)
1,2,4,8,11,16,8,11,16	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,1,0,11,10,0,11,10	- (1,1,1)(2,1,0)(3,2,1)
1,2,4,8,11,16,8,11,16,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,1,0,11,10,0,11,10,0	- (1,1,1)(2,1,0)(3,2,1)(1,1,1)
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1) -
8,11,16,8,10	- (2,1,0)(3,2,1)(1,1,1)(2,1,0)
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1) -
8,11,16,8,11,15	-(2,1,0)(3,2,1)(1,1,1)(2,1,0)(3,2,0)
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(1,1,1) -
8,11,16,8,11,16	-(2,1,0)(3,2,1)(1,1,1)(2,1,0)(3,2,1)
1,2,4,8,11,16,9	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(2,0,0)
1,2,4,8,11,16,10	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(2,1,0)
1,2,4,8,11,16,11,8	(0,0,0)(1,1,1)(2,1,0) -
1,2,1,0,11,10,11,0	- (3,2,1)(2,1,0)(1,1,1)
1,2,4,8,11,16,11,15	(0,0,0)(1,1,1)(2,1,0) -
1,2,1,0,11,10,11,10	- (3,2,1)(2,1,0)(3,2,0)
1,2,4,8,11,16,11,15,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,1,0,11,10,11,10,0	- (2,1,0)(3,2,0)(1,1,1)
1,2,4,8,11,16,11,16	(0,0,0)(1,1,1)(2,1,0) -
1,2,1,0,11,10,11,10	- (3,2,1)(2,1,0)(3,2,1)
1,2,4,8,11,16,14,19	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,0,11,10,14,10	- (3,2,1)(3,1,0)(4,2,1)
1,2,4,8,11,16,15	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(3,2,0)
1,2,4,8,11,16,15,19,23	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (3,2,0)(4,2,0)(5,2,0)
1,2,4,8,11,16,15,21	(0,0,0)(1,1,1)(2,1,0) -
	- (3,2,1)(3,2,0)(4,3,1)

Y 序列	BMS
1,2,4,8,11,16,15,21,20	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	-(3,2,0)(4,3,1)(4,3,0)
1,2,4,8,11,16,16	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(3,2,1)
1,2,4,8,11,16,17	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,0,0)
1,2,4,8,11,16,17,15,21,22	(0,0,0)(1,1,1)(2,1,0)(3,2,1) - - $(4,0,0)(3,2,0)(4,3,1)(5,0,0)$
1,2,4,8,11,16,17,16	(0,0,0)(1,1,1)(2,1,0) - - $(3,2,1)(4,0,0)(3,2,1)$
1,2,4,8,11,16,17,18	(0,0,0)(1,1,1)(2,1,0) - $(3,2,1)(4,0,0)(5,0,0)$
1,2,4,8,11,16,17,19	(0,0,0)(1,1,1)(2,1,0) - $(3,2,1)(4,0,0)(5,1,0)$
1,2,4,8,11,16,17,19,23	(0,0,0)(1,1,1)(2,1,0) - $(3,2,1)(4,0,0)(5,1,1)$
1,2,4,8,11,16,18	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0)
1,2,4,8,11,16,19,8	(0,0,0)(1,1,1)(2,1,0) - $(3,2,1)(4,1,0)(1,1,1)$
1,2,4,8,11,16,19,8,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1) - $(4,1,0)(1,1,1)(1,1,1)$
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) -
19,8,9,11,15,18,23	- (1,1,1)(2,0,0)(3,1,1)(4,1,0)(5,2,1)
1,2,4,8,11,16,19,8,10	(0,0,0)(1,1,1)(2,1,0)(3,2,1) - $(4,1,0)(1,1,1)(2,1,0)$
1,2,4,8,11,16,19,8,11,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1) - (4,1,0)(1,1,1)(2,1,0)(1,1,1)
1,2,4,8,11,16,19,8,11,11,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) - $(1,1,1)(2,1,0)(2,1,0)(1,1,1)$
1,2,4,8,11,16,19,8,11,15	(0,0,0)(1,1,1)(2,1,0)(3,2,1) - - $(4,1,0)(1,1,1)(2,1,0)(3,2,0)$
1,2,4,8,11,16,19,8,11,16	(0,0,0)(1,1,1)(2,1,0)(3,2,1) - $(4,1,0)(1,1,1)(2,1,0)(3,2,1)$
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) -
19,8,11,16,19,8	- (1,1,1)(2,1,0)(3,2,1)(4,1,0)(1,1,1)
1,2,4,8,11,16,19,9	(0,0,0)(1,1,1)(2,1,0) - $(3,2,1)(4,1,0)(2,0,0)$
1,2,4,8,11,16,19,10	(0,0,0)(1,1,1)(2,1,0) - (3,2,1)(4,1,0)(2,1,0)
1,2,4,8,11,16,19,11,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1) - (4,1,0)(2,1,0)(1,1,1)

Y 序列	BMS
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) -
19,11,8,11,16	-(2,1,0)(1,1,1)(2,1,0)(3,2,1)
1,2,4,8,11,16,19,11,9	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (4,1,0)(2,1,0)(2,0,0)
104011101011110	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,11,11,8	- (4,1,0)(2,1,0)(2,1,0)(1,1,1)
1.0.4.0.11.10.10.11.14.0	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,11,14,8	-(4,1,0)(2,1,0)(3,1,0)(1,1,1)
1010111010111	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,11,15	- (4,1,0)(2,1,0)(3,2,0)
	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,11,16	-(4,1,0)(2,1,0)(3,2,1)
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,1,0) -
19,11,16,19,8	- (2,1,0)(3,2,1)(4,1,0)(1,1,1)
	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,8,11,16,19,12	- (3,2,1)(4,1,0)(3,0,0)
	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,14,8	-(4,1,0)(3,1,0)(1,1,1)
	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,14,17,8	- (4,1,0)(3,1,0)(4,1,0)(1,1,1)
	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,14,18	- (4,1,0)(3,1,0)(4,2,0)
	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,14,19	- (4,1,0)(3,1,0)(4,2,1)
	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,8,11,16,19,15	- (3,2,1)(4,1,0)(3,2,0)
	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,15,21	- (4,1,0)(3,2,0)(4,3,1)
1,2,4,8,11,16,	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
19,15,21,24,20	-(4,1,0)(3,2,0)(4,3,1)(5,1,0)(4,3,0)
-, -, , , , -	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,8,11,16,19,16	-(3,2,1)(4,1,0)(3,2,1)
	(0,0,0)(1,1,1)(2,1,0) -
1,2,4,8,11,16,19,17	-(3,2,1)(4,1,0)(4,0,0)
	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,19,8	- (4,1,0)(4,1,0)(1,1,1)
1,2,4,8,11,16,19,22,8	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
	- (4,1,0)(5,1,0)(1,1,1)
1,2,4,8,11,16,19,23	(0,0,0)(1,1,1)(2,1,0) -
	-(3,2,1)(4,1,0)(5,2,0)
	- (0,2,1)(4,1,0)(0,2,0)

Y 序列	BMS
1,2,4,8,11,16,19,24	(0,0,0)(1,1,1)(2,1,0) -
	- (3,2,1)(4,1,0)(5,2,1)
1 9 4 9 11 16 10 94 97 9	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,4,8,11,16,19,24,27,8	- (4,1,0)(5,2,1)(6,1,0)(1,1,1)
1,2,4,8,11,16,20	(0,0,0)(1,1,1)(2,1,0)(3,2,1)(4,2,0)
1,2,4,8,11,16,20,15,21,26	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
1,2,1,0,11,10,20,10,21,20	- (4,2,0)(3,2,0)(4,3,1)(5,3,0)
1,2,4,8,11,16,20,16	(0,0,0)(1,1,1)(2,1,0) -
1,2,1,0,11,10,20,10	- (3,2,1)(4,2,0)(3,2,1)
1,2,4,8,11,16,20,24,16	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
, , , -, -, -, -	- (4,2,0)(5,2,0)(3,2,1)
1,2,4,8,11,16,20,25	(0,0,0)(1,1,1)(2,1,0) -
, , , , , , ,	- (3,2,1)(4,2,0)(5,3,0)
1,2,4,8,11,16,20,25,31	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
, , , , , , , ,	- (4,2,0)(5,3,0)(6,4,0)
1,2,4,8,11,16,20,26	(0,0,0)(1,1,1)(2,1,0) -
-,-,-,-,,,	- (3,2,1)(4,2,0)(5,3,1)
1,2,4,8,11,16,20,26,31,38	(0,0,0)(1,1,1)(2,1,0)(3,2,1) -
, , , , , , , , , , , , , , , , , , , ,	- (4,2,0)(5,3,1)(6,3,0)(7,4,1)
1,2,4,8,12	(0,0,0)(1,1,1)(2,1,1)
1,2,4,8,12,4,8	(0,0,0)(1,1,1)(2,1,1)(1,1,0)(2,2,1)
1,2,4,8,12,4,8,10	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,1,0,10	- (1,1,0)(2,2,1)(3,1,0)
1,2,4,8,12,4,8,11	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,1,0,11	- (1,1,0)(2,2,1)(3,2,0)
1,2,4,8,12,4,8,11,16	(0,0,0)(1,1,1)(2,1,1)(1,1,0) -
1,2,1,0,12,1,0,11,10	- (2,2,1)(3,2,0)(4,3,1)
1,2,4,8,12,4,8,12	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,1,0,12	- (1,1,0)(2,2,1)(3,2,1)
1,2,4,8,12,8	(0,0,0)(1,1,1)(2,1,1)(1,1,1)
1,2,4,8,12,8,11,16	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,0,11,10	- (1,1,1)(2,1,0)(3,2,1)
1,2,4,8,12,8,11,16,21	(0,0,0)(1,1,1)(2,1,1)(1,1,1) -
	- (2,1,0)(3,2,1)(4,2,1)
1,2,4,8,12,8,11,16,21,15	(0,0,0)(1,1,1)(2,1,1)(1,1,1) -
	-(2,1,0)(3,2,1)(4,2,1)(3,2,0)
1,2,4,8,12,8,11,16,21,16	(0,0,0)(1,1,1)(2,1,1)(1,1,1) -
	-(2,1,0)(3,2,1)(4,2,1)(3,2,1)

Y 序列	BMS
1,2,4,8,12,8,12	(0,0,0)(1,1,1)(2,1,1)(1,1,1)(2,1,1)
1,2,4,8,12,8,12,8,12	(0,0,0)(1,1,1)(2,1,1)(1,1,1) - (2,1,1)(1,1,1)(2,1,1)
1,2,4,8,12,9	(0,0,0)(1,1,1)(2,1,1)(2,0,0)
1,2,4,8,12,9,4,8,12,9	(0,0,0)(1,1,1)(2,1,1)(2,0,0) - - $(1,1,0)(2,2,1)(3,2,1)(3,0,0)$
1,2,4,8,12,9,8	(0,0,0)(1,1,1)(2,1,1)(2,0,0)(1,1,1)
1,2,4,8,12,9,8,11,16	(0,0,0)(1,1,1)(2,1,1)(2,0,0) - (1,1,1)(2,1,0)(3,2,1)
1,2,4,8,12,9,8,11,16,21	(0,0,0)(1,1,1)(2,1,1)(2,0,0) (1,1,1)(2,1,0)(3,2,1)(4,2,1)
1,2,4,8,12,9, 8,11,16,21,17	(0,0,0)(1,1,1)(2,1,1)(2,0,0) (1,1,1)(2,1,0)(3,2,1)(4,2,1)(4,0,0)
1,2,4,8,12,9,8,11, 16,21,17,11,16,21,17	(0,0,0)(1,1,1)(2,1,1)(2,0,0) - $- (1,1,1)(2,1,0)(3,2,1)(4,2,1)(4,0,0) -$ $- (2,1,0)(3,2,1)(4,2,1)(4,0,0)$
1,2,4,8,12,9,8,11, 16,21,17,14,19,24,20	(0,0,0)(1,1,1)(2,1,1)(2,0,0) - (1,1,1)(2,1,0)(3,2,1)(4,2,1) - (4,0,0)(3,1,0)(4,2,1)(5,2,1)(5,0,0)
1,2,4,8,12,9,8, 11,16,21,17,15	(0,0,0)(1,1,1)(2,1,1)(2,0,0)(1,1,1) - (2,1,0)(3,2,1)(4,2,1)(4,0,0)(3,2,0)
1,2,4,8,12,9,8,	(0,0,0)(1,1,1)(2,1,1)(2,0,0)(1,1,1) -
11,16,21,17,16	-(2,1,0)(3,2,1)(4,2,1)(4,0,0)(3,2,1)
1,2,4,8,12,9,8,11, 16,21,17,16,20,26,32,27	$ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(2,0,0)(1,1,1) - \\ - (2,1,0)(3,2,1)(4,2,1)(4,0,0)(3,2,1) - \\ - (4,2,0)(5,3,1)(6,3,1)(6,0,0) \end{array} $
1,2,4,8,12,9,8,12	(0,0,0)(1,1,1)(2,1,1) - $(2,0,0)(1,1,1)(2,1,1)$
1,2,4,8,12,9,8,12,9	(0,0,0)(1,1,1)(2,1,1)(2,0,0) - (1,1,1)(2,1,1)(2,0,0)
1,2,4,8,12,9,9	(0,0,0)(1,1,1)(2,1,1)(2,0,0)(2,0,0)
1,2,4,8,12,10	(0,0,0)(1,1,1)(2,1,1)(2,1,0)
1,2,4,8,12,11,8	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1)
1,2,4,8,12,11,	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1) -
8,11,16,21,20	- (2,1,0)(3,2,1)(4,2,1)(4,2,0)
1,2,4,8,12,11, 8,11,16,21,20,16	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(1,1,1) - (2,1,0)(3,2,1)(4,2,1)(4,2,0)(3,2,1)
0,11,10,21,20,10	- (2,1,0)(3,2,1)(4,2,1)(4,2,0)(3,2,1)

Y 序列	BMS
1 9 4 9 19 11 0 19	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,11,8,12	- (2,1,0)(1,1,1)(2,1,1)
1,2,4,8,12,11,9	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(2,0,0)
1,2,4,8,12,11,11,8,12	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
1,2,4,0,12,11,11,0,12	- (2,1,0)(1,1,1)(2,1,1)
1,2,4,8,12,11,12	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,0,0)
1,2,4,8,12,11,14,8,12	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
,,_,_,,_	- (3,1,0)(1,1,1)(2,1,1)
1,2,4,8,12,11,14,17,8,12	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
, , , -, , , , , -, -,	- (3,1,0)(4,1,0)(1,1,1)(2,1,1)
1,2,4,8,12,11,15	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,2,0)
1,2,4,8,12,11,15,20	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,11,10,20	- (2,1,0)(3,2,0)(4,3,0)
1,2,4,8,12,11,16	(0,0,0)(1,1,1)(2,1,1)(2,1,0)(3,2,1)
1,2,4,8,12,11,16,20,16	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
1,2,4,0,12,11,10,20,10	- (3,2,1)(4,2,0)(3,2,1)
1,2,4,8,12,11,16,20,26	(0,0,0)(1,1,1)(2,1,1)(2,1,0) -
1,2,4,0,12,11,10,20,20	- (3,2,1)(4,2,0)(5,3,1)
1,2,4,8,12,11,16,21	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,11,10,21	- (2,1,0)(3,2,1)(4,2,1)
1,2,4,8,12,12	(0,0,0)(1,1,1)(2,1,1)(2,1,1)
1,2,4,8,12,12,8,12	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,12,0,12	- (2,1,1)(1,1,1)(2,1,1)
1,2,4,8,12,12,8,12,9	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
1,2,1,0,12,12,0,12,0	- (1,1,1)(2,1,1)(2,0,0)
1,2,4,8,12,12,8,12,10	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
	- (1,1,1)(2,1,1)(2,1,0)
1,2,4,8,12,12,	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
8,12,11,8,12	-(1,1,1)(2,1,1)(2,1,0)(1,1,1)(2,1,1)
1,2,4,8,12,12,	(0,0,0)(1,1,1)(2,1,1)(2,1,1)(1,1,1) -
8,12,11,16,21,21	-(2,1,1)(2,1,0)(3,2,1)(4,2,1)(4,2,1)
1,2,4,8,12,12,8,12,12	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
-,-,-,-,+-,-,-,+-,-,+-	- (1,1,1)(2,1,1)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
1,2,4,8,12,12,10,8,12	- (2,1,0)(1,1,0)(2,2,1)(3,2,1) -
	- (3,2,1)(3,1,0)(2,2,1)(3,2,1)
1,2,4,8,12,12,11,8	(0,0,0)(1,1,1)(2,1,1) -
+,-, -,·,·-,·-,·-,·	- (2,1,1)(2,1,0)(1,1,1)

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Y 序列	BMS
$\begin{array}{c} -(2,1,0)(1,1,1)(2,1,1) \\ 1,2,4,8,12,12,11,8,12,10 \\ 1,2,4,8,12,12, \\ 11,8,12,11,16,21,21 \\ 12,4,8,12,12, \\ 11,16,21,21,19,24,29,29 \\ 12,2,4,8,12,12,118,12, \\ 13,2,4,8,12,12,11,8,12, \\ 14,2,4,8,12,12,11,8,12, \\ 15,2,4,8,12,12,11,8,12, \\ 16,2,2,1,19,24,29,29 \\ 17,2,2,3,10,10,10,10,10,10,10,10,10,10,10,10,10,$	1 2 4 8 12 12 11 8 12	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,0,12,12,11,0,12	- (2,1,0)(1,1,1)(2,1,1)
$\begin{array}{c} -(2,1,0)(1,1,1)(2,1,1)(2,1,1)\\ 1,2,4,8,12,12,\\ 11,8,12,11,16,21,21\\ \end{array} \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(2,1,1)\\ -(2,1,0)(1,1,1)(2,1,1)(2,1,0)\\ -(3,2,1)(4,2,1)(4,2,1)\\ \end{array} \\ 1,2,4,8,12,12,11,8,12,\\ 11,16,21,21,19,24,29,29\\ \end{array} \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,0)\\ -(4,2,1)(4,1,0)(5,2,1)(6,2,1)(6,2,1)\\ \end{array} \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1)\\ -(4,2,1)(4,1,0)(5,2,1)(6,2,1)(6,2,1)\\ \end{array} \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1)\\ \end{array} \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(2,1,1)\\ -(4,2,1)(4,1,0)(5,2,1)(6,2,1)(6,2,1)\\ \end{array} \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1)\\ \end{array} \\ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,0,0)\\ \end{array} \\ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0)\\ \end{array} \\ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1)\\ \end{array} \\ \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,1,0)\\ \end{array} \\ \begin{array}{c} (0,0,0)(1,1,1)(2,$	1 2 4 8 12 12 11 8 12 10	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
$\begin{array}{c} 1,2,4,8,12,12,\\ 11,8,12,11,16,21,21 \\ 1,2,4,8,12,12,11,8,12,\\ 11,16,21,21,19,24,29,29 \\ 1,2,4,8,12,12,11,8,12,\\ 11,16,21,21,19,24,29,29 \\ 1,2,4,8,12,12,11,8,12,12 \\ 1,2,4,8,12,12,11,8,12,12 \\ 1,2,4,8,12,12,11,15 \\ 1,2,4,8,12,12,11,15 \\ 1,2,4,8,12,12,11,16,21,21 \\ 1,2,4,8,12,12,11,16,21,21 \\ 1,2,4,8,12,13,15,17,19 \\ 1,2,4,8,12,13,15,18 \\ 1,2,4,8,12,13,15,19,23 \\ 1,2,4,8,12,14,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,10,10,1,10,1,1,10,1,1,10,1,1,10,1,1,10,1,1,10,1,1,10,1,1,10,1,1,10,1,1,10,1,1,10,1,1,10,1,1,10,1,1,10,10$	1,2,4,0,12,12,11,0,12,10	- (2,1,0)(1,1,1)(2,1,1)(2,1,0)
$\begin{array}{c} 11,8,12,11,16,21,21 & - (2,1,0)(1,1,1)(2,1,1)(2,1,0) - \\ - (3,2,1)(4,2,1)(4,2,1) & - (3,2,1)(4,2,1)(4,2,1) \\ 12,2,4,8,12,12,11,8,12, \\ 11,16,21,21,19,24,29,29 & - (4,2,1)(2,1,1)(2,1,0)(3,2,1)(4,2,1) - \\ - (4,2,1)(4,1,0)(5,2,1)(6,2,1)(6,2,1) & - (4,2,1)(2,1,1)(2,1,1)(2,1,1) - \\ - (2,1,0)(1,1,1)(2,1,1)(2,1,1) & - (2,1,0)(1,1,1)(2,1,1)(2,1,1) \\ 12,2,4,8,12,12, & (0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1) & - (2,1,0)(1,1,1)(2,1,1)(2,1,1) \\ 12,2,4,8,12,12,11,15 & - (3,1,0)(1,1,1)(2,1,1)(2,1,1) - \\ - (2,1,1)(2,1,0)(3,2,0) & (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \\ - (2,1,1)(2,1,0)(3,2,0) & (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \\ - (2,1,0)(3,2,1)(4,2,1)(4,2,1) & - (2,1,0)(3,2,1)(4,2,1)(4,2,1) \\ 12,2,4,8,12,12,12 & (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \\ - (2,1,1)(2,1,1)(2,1,1) & - (2,1,1)(2,1,1)(2,1,1) \\ 12,2,4,8,12,13,15 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) & - (4,1,0)(5,1,0)(6,1,0) \\ 12,2,4,8,12,13,15,18 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0) \\ 12,2,4,8,12,13,15,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 12,2,4,8,12,13,15,19,23 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 12,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) & - (3,0,0)(4,1,1)(5,1,1) \\ 12,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 12,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(1,1,0)(2,2,1) \\ 12,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(1,1,0)(2,2,1) \\ 12,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(1,1,0)(2,2,1) \\ 12,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(1,1,0)(2,2,1) \\ 12,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1,1)(2,1,1)(3,1,0) - (2,1,0)(1,1,0)(2,2,1) \\ 12,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(1,1,0)(2,2,1) \\ 12,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(1,1,0)(2,2,1) \\ 12,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(1,1,0)(2,2,1) \\ 12,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,$	1 2 4 8 12 12	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
$\begin{array}{c} -(3,2,1)(4,2,1)(4,2,1)\\ 1,2,4,8,12,12,11,8,12,\\ 11,16,21,21,19,24,29,29 \\ 1,2,4,8,12,12,11,8,12,12 \\ 1,2,4,8,12,12,11,8,12,12 \\ 1,2,4,8,12,12,11,15 \\ 1,2,4,8,12,12,11,15 \\ 1,2,4,8,12,12,11,16,21,21 \\ 1,2,4,8,12,12,11,16,21,21 \\ 1,2,4,8,12,13,15,17,19 \\ 1,2,4,8,12,13,15,18 \\ 1,2,4,8,12,13,15,19,23 \\ 1,2,4,8,12,13,15,19,23 \\ 1,2,4,8,12,13,15,19,23 \\ 1,2,4,8,12,13,14,4,8,12,14 \\ 1,2,4,8,12,14,4,8,12,14 \\ 1,2,4,8,12,14,4,8,12,14 \\ 1,2,4,8,12,14,4,8,12,14 \\ 1,2,4,8,12,14,4,8,12,14 \\ 1,2,4,8,12,14,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8,12,14,10,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0$		- (2,1,0)(1,1,1)(2,1,1)(2,1,0) -
$\begin{array}{c} 1,2,4,8,12,12,11,8,12,\\ 11,16,21,21,19,24,29,29 \\ \hline 1,2,4,8,12,12,11,8,12,12 \\ \hline 1,2,4,8,12,12,11,8,12,12 \\ \hline 1,2,4,8,12,12,12 \\ \hline 1,2,4,8,12,12,13,15,17,19 \\ \hline 1,2,4,8,12,13,15,19,23 \\ \hline 1,2,4,8,12,13,15,19,23 \\ \hline 1,2,4,8,12,14,44,8 \\ \hline 1,2,4,8,12,14,4,8,12,142 \\ \hline 1,2,4,8,12,14,4,8,12,143 \\ \hline 1,2,4,8,12,13,15,19,23 \\ \hline 1,2,4,8,12,14,4,8,12,144,48,12,12 \\ \hline 1,2,4,8,12,14,4,8,12,14,14,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15,10,10 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15,10,23 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15,14,14,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15,19 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,14,8,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15,19 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,13,15 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,14,12 \\ \hline 1,2,4,8,12,14,14,12 \\ \hline 1,2,4,8,12,14,14,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,1$	11,0,12,11,10,21,21	- (3,2,1)(4,2,1)(4,2,1)
$\begin{array}{c} 11,16,21,21,19,24,29,29 \\ \hline 11,16,21,21,19,24,29,29 \\ \hline 1,2,4,8,12,12,11,8,12,12 \\ \hline 1,2,4,8,12,12,11,8,12,12 \\ \hline 1,2,4,8,12,12,11,15 \\ \hline 1,2,4,8,12,12,11,15 \\ \hline 1,2,4,8,12,12,11,16,21,21 \\ \hline 1,2,4,8,12,12,11,16,21,21 \\ \hline 1,2,4,8,12,13,15,17,19 \\ \hline 1,2,4,8,12,13,15,19,23 \\ \hline 1,2,4,8,12,13,15,19,23 \\ \hline 1,2,4,8,12,14,4,8,12,14,12,12,12,12,12,12,12,13,13,15,14,12,14,14,14,14,15,14,14,14,16,14,16,16,16,16,16,16,16,16,16,16,16,16,16,$	1 2 4 8 12 12 11 8 12	(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,0) -
$\begin{array}{c} -(4,2,1)(4,1,0)(5,2,1)(6,2,1)(6,2,1)\\ 1,2,4,8,12,12,11,8,12,12\\ 1,2,4,8,12,12,\\ 11,14,8,12,12\\ 11,2,4,8,12,12,\\ 11,14,8,12,12\\ 11,2,4,8,12,12,11,15\\ 11,2,4,8,12,12,11,15\\ 11,2,4,8,12,12,11,16,21,21\\ 11,2,4,8,12,12,11,16,21,21\\ 11,2,4,8,12,12,12\\ 11,2,4,8,12,12,12\\ 11,2,4,8,12,12,12\\ 11,2,4,8,12,13,15\\ 11,2,4,8,12,13,15,17,19\\ 11,2,4,8,12,13,15,17,19\\ 11,2,4,8,12,13,15,17,19\\ 11,2,4,8,12,13,15,17,19\\ 11,2,4,8,12,13,15,17,19\\ 11,2,4,8,12,13,15,17,19\\ 11,2,4,8,12,13,15,17,19\\ 11,2,4,8,12,13,15,17,19\\ 11,2,4,8,12,13,15,17,19\\ 11,2,4,8,12,13,15,19,23\\ 11,2,4,8,12,13,15,19,23\\ 11,2,4,8,12,13,15,19,23\\ 11,2,4,8,12,14,44\\ 11,2,4,8,12,14,48\\ 11,2,4,8,12,14,48\\ 11,2,4,8,12,14,48,12\\ 11,2,4,8,12,14,4,8,12\\ 11,2,4,8,12,14,4,8,12\\ 11,2,4,8,12,14,4,8,12\\ 11,2,4,8,12,14,13,15,19\\ 11,2,4,8,12,14,4,8,12\\ 11,2,4,8,12,14,13,15\\ 11,2,4,8,12,14,4,8,12\\ 11,2,4,8,12,14,13,15\\ 11,2,4,8,12,14,4,8,12\\ 11,2,4,8,12,14,12,12\\ 11,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1$		-(1,1,1)(2,1,1)(2,1,0)(3,2,1)(4,2,1) -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	11,10,21,21,13,24,23,23	- (4,2,1)(4,1,0)(5,2,1)(6,2,1)(6,2,1)
$\begin{array}{c} -(2,1,0)(1,1,1)(2,1,1)(2,1,1)\\ 1,2,4,8,12,12, \\ 11,14,8,12,12 \\ -(3,1,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1)\\ 1,2,4,8,12,12,11,15 \\ -(2,1,1)(2,1,0)(3,2,0)\\ 1,2,4,8,12,12,11,16,21,21 \\ -(2,1,0)(3,2,1)(4,2,1)(2,1,1)\\ -(2,1,0)(3,2,1)(4,2,1)(4,2,1)\\ 1,2,4,8,12,12,12 \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1)\\ 1,2,4,8,12,12,12 \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1)\\ 1,2,4,8,12,13 \\ (0,0,0)(1,1,1)(2,1,1)(3,0,0)\\ 1,2,4,8,12,13,15 \\ (0,0,0)(1,1,1)(2,1,1)(3,0,0)\\ 1,2,4,8,12,13,15,17,19 \\ 1,2,4,8,12,13,15,18 \\ (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0)\\ 1,2,4,8,12,13,15,19 \\ (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1)\\ 1,2,4,8,12,13,15,19,23 \\ (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1)\\ 1,2,4,8,12,14,4 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)\\ 1,2,4,8,12,14,4,8 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1)\\ 1,2,4,8,12,14,4,8,12 \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1)\\ 1,2,4,8,12,12,12 \\ 1,2,4,8,12,12,12 \\ 1,2,4,8,1$	1 2 4 8 12 12 11 8 12 12	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
$\begin{array}{c} 11,14,8,12,12 & -(3,1,0)(1,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,12,11,15 & (0,0,0)(1,1,1)(2,1,1) - \\ -(2,1,1)(2,1,0)(3,2,0) \\ 1,2,4,8,12,12,11,16,21,21 & (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \\ -(2,1,0)(3,2,1)(4,2,1)(4,2,1) \\ 1,2,4,8,12,12,12 & (0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,12,12 & (0,0,0)(1,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,13 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) \\ 1,2,4,8,12,13,15 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) \\ 1,2,4,8,12,13,15,17,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) - \\ -(4,1,0)(5,1,0)(6,1,0) \\ 1,2,4,8,12,13,15,18 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 1,2,4,8,12,13,15,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 1,2,4,8,12,13,15,19,23 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 1,2,4,8,12,14 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - \\ \end{array}$	1,2,1,0,12,12,11,0,12,12	- (2,1,0)(1,1,1)(2,1,1)(2,1,1)
$\begin{array}{c} 1,2,4,8,12,12,11,15 & (0,0,0)(1,1,1)(2,1,1) - \\ -(2,1,1)(2,1,0)(3,2,0) & (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \\ -(2,1,0)(3,2,1)(4,2,1)(4,2,1) & -(2,1,0)(3,2,1)(4,2,1)(4,2,1) \\ \hline 1,2,4,8,12,12,12 & (0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,12,12 & (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \\ -(2,1,1)(2,1,1)(2,1,1) & -(2,1,1)(2,1,1) \\ \hline 1,2,4,8,12,13 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) \\ \hline 1,2,4,8,12,13,15 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0) \\ \hline 1,2,4,8,12,13,15,17,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) - \\ -(4,1,0)(5,1,0)(6,1,0) & \\ \hline 1,2,4,8,12,13,15,18 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ \hline 1,2,4,8,12,13,15,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ \hline 1,2,4,8,12,13,15,19,23 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ \hline 1,2,4,8,12,14 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ \hline 1,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ \hline 1,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ \hline 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ \hline 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ \hline 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - \\ \hline \end{array}$	1,2,4,8,12,12,	(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,0) -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	11,14,8,12,12	- (3,1,0)(1,1,1)(2,1,1)(2,1,1)
$\begin{array}{c} -(2,1,1)(2,1,0)(3,2,0) \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \\ -(2,1,0)(3,2,1)(4,2,1)(4,2,1) \\ 1,2,4,8,12,12,12 \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,12,12 \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,13 \\ (0,0,0)(1,1,1)(2,1,1)(3,0,0) \\ 1,2,4,8,12,13,15 \\ (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0) \\ 1,2,4,8,12,13,15,17,19 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,0,0) - \\ -(4,1,0)(5,1,0)(6,1,0) \\ (1,2,4,8,12,13,15,18) \\ (1,0,0,0)(1,1,1)(2,1,1) - \\ -(3,0,0)(4,1,0)(5,2,0) \\ 1,2,4,8,12,13,15,19 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 1,2,4,8,12,13,15,19,23 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 1,2,4,8,12,14 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,14,4,8 \\ (1,0,0,0)(1,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,14,4,$	1 9 4 8 19 19 11 15	(0,0,0)(1,1,1)(2,1,1) -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,0,12,12,11,10	- (2,1,1)(2,1,0)(3,2,0)
$\begin{array}{c} -(2,1,0)(3,2,1)(4,2,1)(4,2,1) \\ 1,2,4,8,12,12,12 & (0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,12,12,12 & (0,0,0)(1,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,13 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) \\ 1,2,4,8,12,13,15 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0) \\ 1,2,4,8,12,13,15,17,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) \\ 1,2,4,8,12,13,15,18 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) \\ 1,2,4,8,12,13,15,18 & (0,0,0)(1,1,1)(2,1,1) \\ 1,2,4,8,12,13,15,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 1,2,4,8,12,13,15,19,23 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 1,2,4,8,12,14 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(2,1,1) \\ 1,2,4,8,12,14,$	1 2 4 8 12 12 11 16 21 21	(0,0,0)(1,1,1)(2,1,1)(2,1,1) -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,0,12,12,11,10,21,21	- (2,1,0)(3,2,1)(4,2,1)(4,2,1)
$\begin{array}{c} 1,2,4,8,12,12,12 \\ 1,2,4,8,12,13 \\ 1,2,4,8,12,13 \\ 1,2,4,8,12,13,15 \\ 1,2,4,8,12,13,15 \\ 1,2,4,8,12,13,15,17,19 \\ 1,2,4,8,12,13,15,17,19 \\ 1,2,4,8,12,13,15,18 \\ 1,2,4,8,12,13,15,19 \\ 1,2,4,8,12,13,15,19 \\ 1,2,4,8,12,13,15,19 \\ 1,2,4,8,12,13,15,19 \\ 1,2,4,8,12,13,15,19 \\ 1,2,4,8,12,13,15,19,23 \\ 1,2,4,8,12,14 \\ 1,2,4,8,12,14 \\ 1,2,4,8,12,14 \\ 1,2,4,8,12,14,4 \\ 1,2,4,8,12,14,4,8 \\ 1,2,4,8,12,14,4,8 \\ 1,2,4,8,12,14,4,8 \\ 1,2,4,8,12,14,4,8,12 \\ 1,2,4,8$	1,2,4,8,12,12,12	(0,0,0)(1,1,1)(2,1,1)(2,1,1)(2,1,1)
$\begin{array}{c} -(2,1,1)(2,1,1)(2,1,1)\\ 1,2,4,8,12,13 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)\\ 1,2,4,8,12,13,15 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0)\\ 1,2,4,8,12,13,15,17,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0) -\\ -(4,1,0)(5,1,0)(6,1,0)\\ 1,2,4,8,12,13,15,18 & (0,0,0)(1,1,1)(2,1,1) -\\ -(3,0,0)(4,1,0)(5,2,0)\\ 1,2,4,8,12,13,15,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1)\\ 1,2,4,8,12,13,15,19,23 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)\\ 1,2,4,8,12,14 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)\\ 1,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)\\ 1,2,4,8,12,14,48 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)\\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(2,1,1) -\\ -(3,1,0)(1,1,0)(2,2,1)\\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) -\\ \end{array}$	1 9 4 8 19 19 19 19	(0,0,0)(1,1,1)(2,1,1) -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,0,12,12,12,12	- (2,1,1)(2,1,1)(2,1,1)
$\begin{array}{c} 1,2,4,8,12,13,15,17,19 \\ \hline 1,2,4,8,12,13,15,17,19 \\ \hline 1,2,4,8,12,13,15,18 \\ \hline 1,2,4,8,12,13,15,18 \\ \hline 1,2,4,8,12,13,15,19 \\ \hline 1,2,4,8,12,13,15,19 \\ \hline 1,2,4,8,12,13,15,19,23 \\ \hline 1,2,4,8,12,14 \\ \hline 1,2,4,8,12,14,4 \\ \hline 1,2,4,8,12,14,48 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline \end{array} \begin{array}{c} (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(2,1,1) \\ - (3,1,0)(1,1,0)(2,2,1) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ \hline \end{array}$	1,2,4,8,12,13	(0,0,0)(1,1,1)(2,1,1)(3,0,0)
$\begin{array}{c} 1,2,4,8,12,13,15,17,19 \\ \hline \\ 1,2,4,8,12,13,15,18 \\ \hline \\ 1,2,4,8,12,13,15,18 \\ \hline \\ 1,2,4,8,12,13,15,19 \\ \hline \\ 1,2,4,8,12,13,15,19,23 \\ \hline \\ 1,2,4,8,12,14 \\ \hline \\ 1,2,4,8,12,14,48 \\ \hline \\ 1,2,4,8,12,14,4,8,12,14,48 \\ \hline \\ 1,2,4,8,12,14,4,8,12 \\ \hline \\ 1,2,4,8,12,14,4,8,$	1,2,4,8,12,13,15	(0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,0)
$\begin{array}{c} -(4,1,0)(5,1,0)(6,1,0) \\ (0,0,0)(1,1,1)(2,1,1) - \\ -(3,0,0)(4,1,0)(5,2,0) \\ \hline \\ 1,2,4,8,12,13,15,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ \hline \\ 1,2,4,8,12,13,15,19,23 & (0,0,0)(1,1,1)(2,1,1) - \\ -(3,0,0)(4,1,1)(5,1,1) & \\ \hline \\ 1,2,4,8,12,14 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ \hline \\ 1,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ \hline \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \\ -(3,1,0)(1,1,0)(2,2,1) & \\ \hline \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - \\ \hline \end{array}$	1 2 4 8 12 13 15 17 19	(0,0,0)(1,1,1)(2,1,1)(3,0,0) -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,0,12,10,10,11,10	- (4,1,0)(5,1,0)(6,1,0)
$\begin{array}{c} -(3,0,0)(4,1,0)(5,2,0) \\ 1,2,4,8,12,13,15,19 & (0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1) \\ 1,2,4,8,12,13,15,19,23 & (0,0,0)(1,1,1)(2,1,1) - \\ -(3,0,0)(4,1,1)(5,1,1) & \\ 1,2,4,8,12,14 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1) - \\ -(3,1,0)(1,1,0)(2,2,1) & \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - \\ \end{array}$	1 2 4 8 12 13 15 18	(0,0,0)(1,1,1)(2,1,1) -
$\begin{array}{c} 1,2,4,8,12,13,15,19,23 \\ \hline \\ 1,2,4,8,12,13,15,19,23 \\ \hline \\ 1,2,4,8,12,14 \\ \hline \\ 1,2,4,8,12,14,4 \\ \hline \\ 1,2,4,8,12,14,48 \\ \hline \\ 1,2,4,8,12,14,48 \\ \hline \\ 1,2,4,8,12,14,4,8 \\ \hline \\ 1,2,4,8,12,14,4,8 \\ \hline \\ 1,2,4,8,12,14,4,8,12 \\ \hline \\ 1,2,4,8,1$	1,2,1,0,12,10,10,10	- (3,0,0)(4,1,0)(5,2,0)
$\begin{array}{c} 1,2,4,8,12,13,15,19,23 \\ & - (3,0,0)(4,1,1)(5,1,1) \\ \hline 1,2,4,8,12,14 \\ & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ \hline 1,2,4,8,12,14,4 \\ & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ \hline 1,2,4,8,12,14,4,8 \\ & - (3,1,0)(1,1,0)(2,2,1) \\ \hline 1,2,4,8,12,14,4,8,12 \\ \hline \end{array}$	1,2,4,8,12,13,15,19	(0,0,0)(1,1,1)(2,1,1)(3,0,0)(4,1,1)
$ \begin{array}{c} -(3,0,0)(4,1,1)(5,1,1) \\ 1,2,4,8,12,14 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) \\ 1,2,4,8,12,14,4 & (0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) \\ 1,2,4,8,12,14,4,8 & (0,0,0)(1,1,1)(2,1,1) - \\ -(3,1,0)(1,1,0)(2,2,1) \\ 1,2,4,8,12,14,4,8,12 & (0,0,0)(1,1,1)(2,1,1)(3,1,0) - \\ \end{array} $	1 2 4 8 12 13 15 19 23	(0,0,0)(1,1,1)(2,1,1) -
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,1,0,12,10,10,10,20	- (3,0,0)(4,1,1)(5,1,1)
$ \begin{array}{c} 1,2,4,8,12,14,4,8 \\ 1,2,4,8,12,14,4,8 \\ 1,2,4,8,12,14,4,8,12 \\ \end{array} \begin{array}{c} (0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(1,1,0)(2,2,1) \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0) - \\ \end{array} $	1,2,4,8,12,14	(0,0,0)(1,1,1)(2,1,1)(3,1,0)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,14,4	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0)
$ \begin{array}{c c} - (3,1,0)(1,1,0)(2,2,1) \\ \hline \\ 1,2,4,8,12,14,4,8,12 \\ \hline \end{array} $	1,2,4,8,12,14,4,8	(0,0,0)(1,1,1)(2,1,1) -
1.2.4.8.12.14.4.8.12		- (3,1,0)(1,1,0)(2,2,1)
-(1,1,0)(2,2,1)(3,2,1)	1 9 4 8 19 14 4 8 19	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	1,2,4,8,12,14,4,8,12	- (1,1,0)(2,2,1)(3,2,1)

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1,2,4,8,12,14,4,8,12,13	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (1,1,0)(2,2,1)(3,2,1)(4,0,0)
1,2,4,8,12,14,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
4,8,12,13,15,19	-(2,2,1)(3,2,1)(4,0,0)(5,1,1)
1,2,4,8,12,14,4,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
8,12,13,15,19,23	-(2,2,1)(3,2,1)(4,0,0)(5,1,1)(6,1,1)
1 9 4 9 19 14 4	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,14,4,	- (1,1,0)(2,2,1)(3,2,1)(4,0,0) -
8,12,13,15,19,23,25	- (5,1,1)(6,1,1)(7,1,0)
1 2 4 9 12 14 4 9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,14,4,8,	- (1,1,0)(2,2,1)(3,2,1)(4,0,0) -
12,13,15,19,23,25,7	- (5,1,1)(6,1,1)(7,1,0)(2,2,0)
1 9 4 0 10 14 4 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,14,4,8,12,	- (1,1,0)(2,2,1)(3,2,1)(4,0,0) -
13,15,19,23,25,11,15	-(5,1,1)(6,1,1)(7,1,0)(3,2,0)(4,3,0)
1 9 4 9 19 14 4 9 19 14	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,14,4,8,12,14	- (1,1,0)(2,2,1)(3,2,1)(4,1,0)
1 9 4 9 19 14 7	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,14,7	-(1,1,0)(2,2,1)(3,2,1)(4,1,0)(2,2,0)
1,2,4,8,12,14,8	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,0,12,14,0	- (2,2,1)(3,2,1)(4,1,0)(2,2,1)
1,2,4,8,12,14,8,12	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,0,12,14,0,12	-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1)
1,2,4,8,12,14,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
12,13,15,19,23,25	-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1) -
12,10,10,10,20,20	- (4,0,0)(5,1,1)(6,1,1)(7,1,0)
1,2,4,8,12,14,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
12,13,15,19,23,25,9	-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1) -
12,10,10,10,20,20,0	- (4,0,0)(5,1,1)(6,1,1)(7,1,0)(3,0,0)
1,2,4,8,12,14,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
12,13,15,19,23,25,10	-(2,2,1)(3,2,1)(4,1,0)(2,2,1)(3,2,1) -
12,13,13,13,23,23,10	- (4,0,0)(5,1,1)(6,1,1)(7,1,0)(3,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,14,8,12,14	- (1,1,0)(2,2,1)(3,2,1)(4,1,0) -
	- (2,2,1)(3,2,1)(4,1,0)
1,2,4,8,12,14,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,0,12,14,9	- (2,2,1)(3,2,1)(4,1,0)(3,0,0)
1,2,4,8,12,14,11,8	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
	-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(2,2,1)

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1,2,4,8,12,14,11,8,12,14	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
	- (2,2,1)(3,2,1)(4,1,0)(3,2,0) -
	- (2,2,1)(3,2,1)(4,1,0)
1 0 4 0 10 14	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,14,	-(1,1,0)(2,2,1)(3,2,1)(4,1,0)(3,2,0) -
11,14,8,12,14	-(4,2,0)(2,2,1)(3,2,1)(4,1,0)
1 0 4 0 10 14 11 17	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,14,11,15	-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,0)
1 0 4 0 10 14 11 10	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,14,11,16	-(2,2,1)(3,2,1)(4,1,0)(3,2,0)(4,3,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,14,11,16,21,23	- (1,1,0)(2,2,1)(3,2,1)(4,1,0) -
	-(3,2,0)(4,3,1)(5,3,1)(6,1,0)
1 2 4 2 12 14 12	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,14,12	-(2,2,1)(3,2,1)(4,1,0)(3,2,1)
1040101414	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,14,14	-(2,2,1)(3,2,1)(4,1,0)(3,2,1)(4,1,0)
1 2 4 2 12 14 14	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,14,16	-(2,2,1)(3,2,1)(4,1,0)(4,1,0)
1 2 1 2 1 2 1 1 1 2 1 2	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,14,16,18	-(2,2,1)(3,2,1)(4,1,0)(5,1,0)
1 2 4 2 12 14 17	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,14,17	-(2,2,1)(3,2,1)(4,1,0)(5,2,0)
1 2 4 2 12 14 12	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,14,18	-(2,2,1)(3,2,1)(4,1,0)(5,2,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,14,18,22	-(2,2,1)(3,2,1)(4,1,0)(5,2,1)(6,2,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,14,18,22,24	- (1,1,0)(2,2,1)(3,2,1)(4,1,0) -
	- (5,2,1)(6,2,1)(7,1,0)
1 2 4 2 12 15	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15	-(1,1,0)(2,2,1)(3,2,1)(4,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,15,4,8,12,15	- (2,2,1)(3,2,1)(4,2,0)(1,1,0) -
	- (2,2,1)(3,2,1)(4,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,7,	- (1,1,0)(2,2,1)(3,2,1)(4,2,0) -
12,17,20,12,17,19	- (2,2,0)(3,3,1)(4,3,1)(5,2,0) -
	- (3,3,1)(4,3,1)(5,1,0)

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	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,0) -
1,2,4,8,12,15,7,12,	-(2,2,1)(3,2,1)(4,2,0)(2,2,0)(3,3,1) -
17,20,12,17,19,23,27,30	- (4,3,1)(5,2,0)(3,3,1)(4,3,1) -
	- (5,1,0)(6,2,1)(7,2,1)(8,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,7,12,17,21	- (1,1,0)(2,2,1)(3,2,1)(4,2,0) -
	-(2,2,0)(3,3,1)(4,3,1)(5,3,0)
1,2,4,8,12,15,8	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1) -
8,11,16,21,25	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)
1 9 4 9 19 15 9 19	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,8,12	- (3,1,0)(1,1,1)(2,1,1)
1 9 / 9 19 15 0 19 1/	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,8,12,14	- (1,1,1)(2,1,1)(3,1,0)
1 9 4 0 19 15 0 19 15 0	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,8,12,15,8	- (1,1,1)(2,1,1)(3,1,0)(1,1,1)
1 9 4 9 19 15 9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,8,	- (1,1,1)(2,1,1)(3,1,0)(1,1,1) -
12,15,8,12,15,8	- (2,1,1)(3,1,0)(1,1,1)
1,2,4,8,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,9,4	(0,0,0)(1,1,1)(2,1,1) -
-,-,-,-,-,-,-,-	- (3,1,0)(2,0,0)(1,1,0)
1,2,4,8,12,15,9,8	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,10,0,0	- (3,1,0)(2,0,0)(1,1,1)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) -
9,8,12,15,8	(4 4 4) (0 4 4) (0 4 6) (4 4 4)
	- (1,1,1)(2,1,1)(3,1,0)(1,1,1)
1,2,4,8,12,15,	$ \begin{array}{c} -(1,1,1)(2,1,1)(3,1,0)(1,1,1) \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - \end{array} $
1,2,4,8,12,15, 9,8,12,15,9	
9,8,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) -
	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - (1,1,1)(2,1,1)(3,1,0)(2,0,0)
9,8,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - (1,1,1)(2,1,1)(3,1,0)(2,0,0) $(0,0,0)(1,1,1)(2,1,1) - (3,1,0)(2,0,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)$
9,8,12,15,9 1,2,4,8,12,15,9,9 1,2,4,8,12,15,10	$(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - \\ - (1,1,1)(2,1,1)(3,1,0)(2,0,0) \\ (0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,0,0)(2,0,0) \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(2,1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(1,1)(2,1,1) - \\ (0,0,0)(1,1,1)(1,1)(1,1)(1,1)(1,1) - \\ (0,0,0)(1,1,1)(1,1)(1,1)(1,1)(1,1)(1,1)($
9,8,12,15,9	$(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - \\ - (1,1,1)(2,1,1)(3,1,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,0,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,1,0)(1,1,1)$
9,8,12,15,9 1,2,4,8,12,15,9,9 1,2,4,8,12,15,10 1,2,4,8,12,15,11,8 1,2,4,8,12,15,	$(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - \\ - (1,1,1)(2,1,1)(3,1,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,0,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,1,0)(1,1,1)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0) - $
9,8,12,15,9 1,2,4,8,12,15,9,9 1,2,4,8,12,15,10 1,2,4,8,12,15,11,8	$(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - \\ - (1,1,1)(2,1,1)(3,1,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,0,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,1,0)(1,1,1)$
9,8,12,15,9 1,2,4,8,12,15,9,9 1,2,4,8,12,15,10 1,2,4,8,12,15,11,8 1,2,4,8,12,15,	$(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - \\ - (1,1,1)(2,1,1)(3,1,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,0,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,1,0)(1,1,1)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0) - $
9,8,12,15,9 1,2,4,8,12,15,9,9 1,2,4,8,12,15,10 1,2,4,8,12,15,11,8 1,2,4,8,12,15, 11,8,12,15,9	$(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - \\ - (1,1,1)(2,1,1)(3,1,0)(2,0,0) \\ (0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,0,0)(2,0,0) \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) \\ (0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,1,0)(1,1,1) \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0) - \\ - (2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)$
9,8,12,15,9 1,2,4,8,12,15,9,9 1,2,4,8,12,15,10 1,2,4,8,12,15,11,8 1,2,4,8,12,15, 11,8,12,15,9 1,2,4,8,12,15,	$(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) - \\ - (1,1,1)(2,1,1)(3,1,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,0,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0)$ $(0,0,0)(1,1,1)(2,1,1) - \\ - (3,1,0)(2,1,0)(1,1,1)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0) - \\ - (2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)$ $(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - \\ (0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) - \\ - (0,0,0)(1,1,1)(2,1,1)(2,1,1)(3,1,0)(2,1,0) - \\ - (0,0,0)(1,1,1)(2,1,1)($

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	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,11,9	-(3,1,0)(2,1,0)(2,0,0)
1,2,4,8,12,15,11,12	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,1,0)(3,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
11,14,8,12,15,9	-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,11,15	- (3,1,0)(2,1,0)(3,2,0)
104010171110	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,11,16	- (3,1,0)(2,1,0)(3,2,1)
1010101711100101	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,11,16,21,24	-(2,1,0)(3,2,1)(4,2,1)(5,1,0)
1 0 4 0 10 17 11 10	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,11,16,	- (2,1,0)(3,2,1)(4,2,1)(5,1,0) -
21,24,8,12,15,9	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1 9 4 9 19 15 11 16 91 95	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,11,16,21,25	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
11,16,21,25,16	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(3,2,1)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
11,16,21,25,17	- (3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,15,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
16,21,25,20,26,32,37,27	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,0) -
10,21,29,20,20,92,91,21	- (5,3,1)(6,3,1)(7,3,0)(6,0,0)
1,2,4,8,12,15,12	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,15,12,8	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,10,12,0	- (3,1,0)(2,1,1)(1,1,1)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,8,12,15,9	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,8,12,15,9,9	-(1,1,1)(2,1,1)(3,1,0)(2,0,0)(2,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,8,12,15,10	- (1,1,1)(2,1,1)(3,1,0)(2,1,0)
1,2,4,8,12,15,12,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
12,15,11,16,21,25,21	-(2,1,1)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
,,,,,,	- (3,2,1)(4,2,1)(5,2,0)(4,2,1)
1,2,4,8,12,15,12,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,15,11,16,21,25,21,15	- (1,1,1)(2,1,1)(3,1,0)(2,1,0) -
, -, -,,,,,,	- (3,2,1)(4,2,1)(5,2,0)(4,2,1)(3,2,0)

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1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,8,12,15,12	-(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1 0 4 0 10 17 10 0	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,12,9	- (3,1,0)(2,1,1)(2,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,11,8,12,15,12	-(2,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1 9 4 9 19 15 19	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,12,	- (2,1,1)(2,1,0)(3,1,0)(1,1,1) -
11,14,8,12,15,12	- (2,1,1)(3,1,0)(2,1,1)
1 9 4 9 19 15 19 11 15	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,12,11,15	- (2,1,1)(2,1,0)(3,2,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,11,16,21,25,17	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,11,16,21,25,21	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)
1 0 4 0 10 15 10 10	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,12,12	- (3,1,0)(2,1,1)(2,1,1)
1 9 4 9 19 15 19	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,12,	- (2,1,1)(2,1,1)(2,1,0)(3,2,1) -
12,11,16,21,25,17	- (4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,15,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
12,11,16,21,25,21,21	-(2,1,1)(2,1,1)(2,1,0)(3,2,1) -
12,11,10,21,20,21,21	- (4,2,1)(5,2,0)(4,2,1)(4,2,1)
1 0 4 0 10 15 10 10 10	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,12,12,12	- (2,1,1)(2,1,1)(2,1,1)
1,2,4,8,12,15,12,13	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,19,12,19	- (3,1,0)(2,1,1)(3,0,0)
1,2,4,8,12,15,12,14	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,13,12,14	- (3,1,0)(2,1,1)(3,1,0)
1,2,4,8,12,15,12,15,8	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,0,12,10,12,10,0	- (2,1,1)(3,1,0)(1,1,1)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,15,8,12,14	- (3,1,0)(1,1,1)(2,1,1)(3,1,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,15,8,12,15,8	- (3,1,0)(1,1,1)(2,1,1)(3,1,0)(1,1,1)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,15,8,12,15,9	- (3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,15,8,12,15,12	-(3,1,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)

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1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
12,15,8,12,15,12,13	-(2,1,1)(3,1,0)(1,1,1)(2,1,1) -
12,10,0,12,10,12,10	- (3,1,0)(2,1,1)(3,0,0)
1,2,4,8,12,15,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
15,8,12,15,12,15,8	- (2,1,1)(3,1,0)(1,1,1)(2,1,1) -
10,0,12,10,12,10,0	- (3,1,0)(2,1,1)(3,1,0)(1,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,12,15,	- (2,1,1)(3,1,0)(1,1,1)(2,1,1) -
8,12,15,12,15,8,12,15,9	- (3,1,0)(2,1,1)(3,1,0)(1,1,1) -
	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
, , , -, , -, , -,-	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,12,15,11,15	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
, , , - , , - , , - , , -	- (2,1,1)(3,1,0)(2,1,0)(3,2,0)
1,2,4,8,12,15,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
15,11,16,21,25,17	- (2,1,1)(3,1,0)(2,1,0)(3,2,1) -
-, , -, , -, -	- (4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,15,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
15,11,16,21,25,21,25,17	-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1) -
, , , , , , ,	- (5,2,0)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,15,12,15,12	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,15,12,15,12,13	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
, , , , , , , , , , , , , , , , , , , ,	- (2,1,1)(3,1,0)(2,1,1)(3,0,0)
1,2,4,8,12,15,12,15,12,14	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	- (2,1,1)(3,1,0)(2,1,1)(3,1,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1) -
12,15,12,15,8	- (3,1,0)(2,1,1)(3,1,0)(1,1,1)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
12,15,12,15,9	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)
15,12,15,12,15,9	- (2,1,1)(3,1,0)(2,1,1)(3,1,0) -
	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,13	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0) -
15,8,12,15,13	- (1,1,1)(2,1,1)(3,1,0)(3,0,0)
1,2,4,8,12,15,15,9	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,10,10,0	- (3,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,15,15,10,13	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
-,-,-,-,,,,,	- (3,1,0)(2,1,0)(3,2,0)

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1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0) -
15,11,16,21,25,17	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,	-(3,1,0)(2,1,0)(3,2,1)(4,2,1) -
15,11,16,21,25,25,17	-(5,2,0)(5,2,0)(4,0,0)
1 2 4 2 12 17 17 12	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,15,12	-(3,1,0)(3,1,0)(2,1,1)
1.0.4.0.10.15.15.10.15.0	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,15,12,15,9	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0) -
15,12,15,15,9	-(2,1,1)(3,1,0)(3,1,0)(2,0,0)
1 9 4 9 19 15 15 19	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,15,13	(3,1,0)(3,1,0)(3,0,0)
1 2 4 0 12 15 15 15 0	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,15,15,9	(3,1,0)(3,1,0)(2,0,0)
1 9 4 9 19 15 15	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,15,	- (3,1,0)(3,1,0)(2,1,1)(3,1,0) -
15,12,15,15,15,9	-(3,1,0)(3,1,0)(2,0,0)
1 0 4 0 10 15 15 15 15 0	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,15,15,15,9	(3,1,0)(3,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,15,16	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,0,0)
1 0 4 0 10 15 10 0	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,18,9	(3,1,0)(4,1,0)(2,0,0)
1 9 4 9 19 15 19 11 15	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,18,11,15	- (4,1,0)(2,1,0)(3,2,0)
1,2,4,8,12,15,18,12	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,10,12	(3,1,0)(4,1,0)(2,1,1)
1,2,4,8,12,15,18,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,0,12,10,10,12,10,9	- (4,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,1,0) -
18,12,15,18,9	-(2,1,1)(3,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,15,18,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,0,12,10,10,10,9	-(4,1,0)(3,1,0)(2,0,0)
19/9/19/15/19/15/19/1	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,18,15,18,9	- (4,1,0)(3,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,15,18,16	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,10	(3,1,0)(4,1,0)(4,0,0)
1,2,4,8,12,15,18,18,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(4,1,0)(4,1,0)(2,0,0)

Y序列	BMS
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,1,0) -
18,18,15,18,18,9	-(4,1,0)(3,1,0)(4,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,15,18,18,18,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(4,1,0)(4,1,0)(4,1,0)(2,0,0)
1 9 4 9 19 15 19 10	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,18,19	- (3,1,0)(4,1,0)(5,0,0)
1 0 4 0 10 15 10 01 0	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,18,21,9	- (4,1,0)(5,1,0)(2,0,0)
1 9 4 0 19 15 10 91 91 0	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,8,12,15,18,21,21,9	-(4,1,0)(5,1,0)(5,1,0)(2,0,0)
1,2,4,8,12,15,18,21,24,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,0,12,10,10,21,24,9	- (4,1,0)(5,1,0)(6,1,0)(2,0,0)
1,2,4,8,12,15,19	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0) -
19,11,16,21,25,17	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
19,11,16,21,25,30	- (4,2,0)(3,1,0)(4,2,0)
1 2 4 8 12 15 10 10	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,15,19,19	- (3,1,0)(4,2,0)(4,2,0)
1,2,4,8,12,15,19,23,27	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,0,12,10,19,20,21	- (4,2,0)(5,2,0)(6,2,0)
1,2,4,8,12,15,19,24	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,10,13,21	- (3,1,0)(4,2,0)(5,3,0)
1,2,4,8,12,15,20	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)
1,2,4,8,12,15,20,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
25,28,8,12,15,9	- (4,2,1)(5,2,1)(6,1,0)(1,1,1) -
25,20,0,12,10,9	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,15,20,25,28,9	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,0,12,10,20,20,20,3	- (4,2,1)(5,2,1)(6,1,0)(2,0,0)
1,2,4,8,12,15,20,25,29	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,0,12,10,20,20,20	- (4,2,1)(5,2,1)(6,2,0)
1,2,4,8,12,15,20,25,29,20	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,4,0,12,10,20,20,20,20	- (4,2,1)(5,2,1)(6,2,0)(4,2,1)
1,2,4,8,12,15,20,25,29,21	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
1,2,1,0,12,10,20,20,20,20,21	- (4,2,1)(5,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,15,20,	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
25,29,21,11,16,21,25,17	- (5,2,1)(6,2,0)(5,0,0)(2,1,0) -
20,20,21,11,10,21,20,11	- (3,2,1)(4,2,1)(5,2,0)(4,0,0)

Y 序列	BMS
1,2,4,8,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,0) -
20,25,29,35,41,46,36	-(4,2,1)(5,2,1)(6,2,0)(7,3,1) -
20,23,29,33,41,40,30	- (8,3,1)(9,3,0)(8,0,0)
1,2,4,8,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1) -
8,12,15,20,25,30	-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(1,1,1) -
1,2,4,8,12,16,8,12,15,20,	-(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
25,30,20,25,29,35,41,47	-(6,2,1)(4,2,1)(5,2,1)(6,2,0) -
	- (7,3,1)(8,3,1)(9,3,1)
1,2,4,8,12,16,8,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,0,12,10	- (1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,0,0)
1,2,4,8,12,16,11,8,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,11,0,12,10	-(2,1,0)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,11,15	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,11,13	- (3,1,1)(2,1,0)(3,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,0) -
11,16,21,25,17	- (3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,11,16,21,26	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,11,10,21,20	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,2,4,8,12,16,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,11,16,21,26,21	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)
1,2,4,8,12,16,12,12	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,12,12	- (3,1,1)(2,1,1)(2,1,1)
1,2,4,8,12,16,12,13	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,12,10	- (3,1,1)(2,1,1)(3,0,0)
1,2,4,8,12,16,12,14	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,12,14	- (3,1,1)(2,1,1)(3,1,0)
1,2,4,8,12,16,12,15,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,12,10,0	- (2,1,1)(3,1,0)(1,1,1)
1,2,4,8,12,16,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
8,12,15,20,25,30,25,28,9	- (3,1,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(5,2,1)(6,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,15,8,12,16	-(2,1,1)(3,1,0)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,1,0,12,10,12,10,0	- (2,1,1)(3,1,0)(2,0,0)

Y 序列	BMS
1,2,4,8,12,16,12,15,9,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(3,1,0)(2,0,0)(1,1,1)
1 2 4 2 4 2 4 2 4 2	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,12,	- (2,1,1)(3,1,0)(2,0,0)(1,1,1) -
15,9,8,12,15,9	- (2,1,1)(3,1,0)(2,0,0)
1 9 4 9 19 16 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,12, 15,9,8,12,15,11,16	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) -
10,9,0,12,10,11,10	-(2,1,1)(3,1,0)(2,1,0)(3,2,1)
1,2,4,8,12,16,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
9,8,12,15,11,16,21,25,17	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
3,0,12,10,11,10,21,20,17	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
9,8,12,15,11,16,21,25,21	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
9,0,12,10,11,10,21,20,21	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,2,1)
1,2,4,8,12,16,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
9,8,12,15,11,16,21,25,30	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
3,0,12,10,11,10,21,20,00	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,0)
1,2,4,8,12,16,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
9,8,12,15,11,16,21,25,31	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
3,0,12,10,11,10,21,20,01	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(6,3,1)
1,2,4,8,12,16,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
9,8,12,15,11,16,21,26	-(3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
0,0,12,10,11,10,21,20	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,2,4,8,12,16,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
9,8,12,15,11,16,21,26,21	-(3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,0) -
	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(4,2,1)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,9,8,12,15,12	- (2,1,1)(3,1,0)(2,0,0)(1,1,1) -
,,,	- (2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,12,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
9,8,12,15,12,15,12	- (3,1,0)(2,0,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,9,8,12,15,15,12	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) -
10,0,0,12,10,10,12	- (2,1,1)(3,1,0)(3,1,0)(2,1,1)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,9,8,12,15,18,12	- (2,1,1)(3,1,0)(2,0,0)(1,1,1) -
	-(2,1,1)(3,1,0)(4,1,0)(2,1,1)

Y 序列	BMS
1 0 4 0 10 10 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,12, 15,9,8,12,15,19	- (2,1,1)(3,1,0)(2,0,0)(1,1,1) -
	- (2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,15,9,8,12,16	- (3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,1)
1 9 4 9 19 16 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,12, 15,9,8,12,16,12	- (2,1,1)(3,1,0)(2,0,0)(1,1,1) -
19,9,0,12,10,12	- (2,1,1)(3,1,1)(2,1,1)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,9,8,12,16,12,15	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) -
15,9,6,12,10,12,15	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,15,9,8,12,16,9	-(2,1,1)(3,1,0)(2,0,0)(1,1,1) -
12,10,9,0,12,10,9	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,12,15,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,12,10,10	- (2,1,1)(3,1,0)(2,1,0)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,11,8,12,16,12,15,9	-(2,1,1)(3,1,0)(2,1,0)(1,1,1)(2,1,1) -
10,11,0,12,10,12,10,9	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,12,15,11,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,12,19,11,9	- (2,1,1)(3,1,0)(2,1,0)(2,0,0)
1,2,4,8,12,16,12,15,11,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,12,10,11,10	- (2,1,1)(3,1,0)(2,1,0)(2,1,0)
1,2,4,8,12,16,12,15,11,15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,12,10,11,10	- (2,1,1)(3,1,0)(2,1,0)(3,2,0)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,11,16,21,26,21,25,17	-(2,1,1)(3,1,0)(2,1,0)(3,2,1)(4,2,1) -
10,11,10,21,20,21,20,11	- (5,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,12,15,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,12,10,12	- (2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,12,15,12,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,12,10,12,12	- (2,1,1)(3,1,0)(2,1,1)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,15,12,15,9	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,12,15,11,16,21,26	- (2,1,1)(3,1,0)(2,1,1)(3,1,0) -
	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,15,12,15,12	- (3,1,0)(2,1,1)(3,1,0)(2,1,1)

Y 序列	BMS
1,2,4,8,12,16,12,15,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(3,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,16,12,15,15,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(3,1,0)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,15,15,12,15,9	-(3,1,0)(3,1,0)(2,1,1)(3,1,0)(2,0,0)
1.0.4.0.10.10.15.10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,12,15,19	- (2,1,1)(3,1,0)(4,2,0)
1 0 4 0 10 10 10 17 00	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,12,15,20	- (2,1,1)(3,1,0)(4,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,15,20,25,29,21	- (3,1,0)(4,2,1)(5,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,15,20,25,29,25	-(3,1,0)(4,2,1)(5,2,1)(6,2,0)(5,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,15,20,25,30	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,15,20,25,30,25	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,20,25,30,25,29	-(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
10,20,20,30,20,29	- (6,2,1)(5,2,1)(6,2,0)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,20,25,30,25,29,21	-(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
10,20,20,30,20,23,21	- (6,2,1)(5,2,1)(6,2,0)(5,0,0)
1.2.4.8.12.16.12.16	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,12,16,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,1,0,12,10,12,10,12	- (2,1,1)(3,1,1)(2,1,1)
1,2,4,8,12,16,12,16,12,14	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,1,0,12,10,12,10,12,11	- (2,1,1)(3,1,1)(2,1,1)(3,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,16,12,15,9	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,16,12,15,15,9	- (3,1,1)(2,1,1)(3,1,0)(2,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,16,12,15,12	- (3,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,12,15,12,15,12	- (2,1,1)(3,1,1)(2,1,1)(3,1,0) -
	- (2,1,1)(3,1,0)(2,1,1)

Y 序列	BMS
1,2,4,8,12,16,12,16,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1 2 4 0 10 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	-(2,1,1)(3,1,1)(2,1,1)(3,1,1) -
12,16,12,16,12,15,9	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
12,16,12,16,12,16	- (3,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,13,8	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,19,0	- (3,1,1)(3,0,0)(1,1,1)
1,2,4,8,12,16,13,8,12,14	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,0,12,14	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,8,12,15,9	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
8,12,15,9,8,12,15,9	- (1,1,1)(2,1,1)(3,1,0)(2,0,0) -
0,12,10,0,0,12,10,0	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
8,12,15,11,16,21,25,17	-(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
3,12,13,11,13,21,23,11	- (3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
8,12,15,11,16,21,25,21	-(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
3,12,13,11,13,21,23,21	- (3,2,1)(4,2,1)(5,2,0)(4,2,1)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,15,11,16,21,26	-(3,0,0)(1,1,1)(2,1,1)(3,1,0) -
-, , -, , -, , -	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,2,4,8,12,16,13,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,15,11,16,21,26,21,26	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
, -, , -, , -	- (3,2,1)(4,2,1)(5,2,1)(4,2,1)(5,2,1)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
8,12,15,11,16,21,26,22	- (1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)
1,2,4,8,12,16,13,8,12, 15,11,16,21,26,22,11,15	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	- (1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
, , , , , , ,	- (4,2,1)(5,2,1)(5,0,0)(2,1,0)(3,2,0)
1,2,4,8,12,16,13,8, 12,15,11,16,21,26,22,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	- (1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
	- (4,2,1)(5,2,1)(5,0,0)(3,1,0)

Y 序列	BMS
1,2,4,8,12,16,13,8,12, 15,11,16,21,26,22,14,18	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
	-(4,2,1)(5,2,1)(5,0,0)(3,1,0)(4,2,0)
1 0 4 0 10 10 10 0 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,2,4,8,12,16,13,8,12,	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
15,11,16,21,26,22,14,19	-(4,2,1)(5,2,1)(5,0,0)(3,1,0)(4,2,1)
1 0 4 0 10 10 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,2,4,8,12,16,13,8,	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
12,15,11,16,21,26,22,15	-(4,2,1)(5,2,1)(5,0,0)(3,2,0)
1 0 4 0 10 10 10 10 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,2,4,8,12,16,13,8,	-(1,1,1)(2,1,1)(3,1,0)(2,1,0)(3,2,1) -
12,15,11,16,21,26,22,16	-(4,2,1)(5,2,1)(5,0,0)(3,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,8,12,15,12	- (1,1,1)(2,1,1)(3,1,0)(2,1,1)
1 0 4 0 10 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	- (3,0,0)(1,1,1)(2,1,1)(3,1,0) -
13,8,12,15,12,15,12	- (2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,8,12,15,15,12	-(1,1,1)(2,1,1)(3,1,0)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,8,12,15,18,12	-(1,1,1)(2,1,1)(3,1,0)(4,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,8,12,15,19	- (1,1,1)(2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,8,12,15,20	- (1,1,1)(2,1,1)(3,1,0)(4,2,1)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,15,20,25,30,26	- (3,0,0)(1,1,1)(2,1,1)(3,1,0) -
0,12,10,20,20,30,20	- (4,2,1)(5,2,1)(6,2,1)(6,0,0)
1,2,4,8,12,16,13,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
12,15,20,25,30,26,11,16	-(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
12,10,20,20,30,20,11,10	- (6,2,1)(6,0,0)(2,1,0)(3,2,1)
1 2 4 8 12 16 13 8	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,2,4,8,12,16,13,8, $12,15,20,25,30,26,12$	- (1,1,1)(2,1,1)(3,1,0)(4,2,1) -
12,10,20,20,00,20,12	- (5,2,1)(6,2,1)(6,0,0)(2,1,1)
1,2,4,8,12,16,13,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
12,15,20,25,30,26,14	- (1,1,1)(2,1,1)(3,1,0)(4,2,1) -
12,10,20,20,00,20,14	- (5,2,1)(6,2,1)(6,0,0)(3,1,0)
1,2,4,8,12,16,13,8, 12,15,20,25,30,26,15,19	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	-(1,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
	- (6,2,1)(6,0,0)(3,1,0)(4,2,0)

Y 序列	BMS
- /4/4	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,2,4,8,12,16,13, 8,12,15,20,25,30,26,17	- (1,1,1)(2,1,1)(3,1,0)(4,2,1) -
	-(5,2,1)(6,2,1)(6,0,0)(4,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,2,4,8,12,16,13,	-(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
8,12,15,20,25,30,26,19	-(5,2,1)(6,2,1)(6,0,0)(4,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
1,2,4,8,12,16,13,	- (1,1,1)(2,1,1)(3,1,0)(4,2,1) -
8,12,15,20,25,30,26,20	- (5,2,1)(6,2,1)(6,0,0)(4,2,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,13,8,12,16	-(3,0,0)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,8,12,16,12	-(1,1,1)(2,1,1)(3,1,1)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,8,12,16,12,14	-(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,0)
1 9 4 9 19 16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16, 13,8,12,16,12,15,9	- (3,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,0,12,10,12,13,9	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,8,12,16,12,15,12	- (3,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,0,12,10,12,10,12	- (2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,16,12,15,12,15,9	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
3,12,13,12,13,12,13,6	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,16,12,15,19	- (3,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , ,	- (2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,13,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,16,12,15,20,25,30	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)
1,2,4,8,12,16,13,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)
12,16,12,15,20,25,30,26	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
1 2 4 0 12 16	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,8,12,16,12,16	-(1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16, 13,8,12,16,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,0,12,10,13	$ \begin{array}{c c} -(1,1,1)(2,1,1)(3,1,1)(3,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1) - \end{array} $
1,2,4,8,12,16,13,9	(0,0,0)(1,1,1)(2,1,1) - (3,1,1)(3,0,0)(2,0,0)
	- (3,1,1)(3,0,0)(2,0,0)

Y 序列	BMS
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,11,8,12,16,13	-(2,1,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1 9 4 9 19 16 19 11 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,13,11,15	- (3,0,0)(2,1,0)(3,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,11,16,21,25,17	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,11,16,21,26,22	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)
1,2,4,8,12,16,13,12	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,13,12	- (3,1,1)(3,0,0)(2,1,1)
1,2,4,8,12,16,13,12,11,15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,12,11,10	- (3,0,0)(2,1,1)(2,1,0)(3,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,12,11,16,21,25,17	-(3,0,0)(2,1,1)(2,1,0)(3,2,1) -
10,12,11,10,21,20,11	- (4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,12,11,16,21,26	-(2,1,1)(2,1,0)(3,2,1)(4,2,1)(5,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,12,11,16,21,26,21	- (3,0,0)(2,1,1)(2,1,0)(3,2,1) -
10,12,11,10,21,20,21	- (4,2,1)(5,2,1)(4,2,1)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,11,16,21,26,21,25,17	-(3,0,0)(2,1,1)(2,1,0)(3,2,1) -
, , , , , , ,	- (4,2,1)(5,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,11,16,21,26,21,26	- (3,0,0)(2,1,1)(2,1,0)(3,2,1) -
, , , , , ,	- (4,2,1)(5,2,1)(4,2,1)(5,2,1)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,11,16,21,26,22	- (3,0,0)(2,1,1)(2,1,0)(3,2,1) -
	- (4,2,1)(5,2,1)(5,0,0)
1,2,4,8,12,16,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,11,16,21,26,22,21	- (3,0,0)(2,1,1)(2,1,0)(3,2,1) -
	- (4,2,1)(5,2,1)(5,0,0)(4,2,1)
1,2,4,8,12,16,13,12,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(2,1,1)(2,1,1)
1,2,4,8,12,16,13,12,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(2,1,1)(3,0,0)
1,2,4,8,12,16,13,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10401010	- (3,0,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,12,15,11,16	- (2,1,1)(3,1,0)(2,1,0)(3,2,0)

Y 序列	BMS
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16, 13,12,15,11,16,21,25,17	- (3,0,0)(2,1,1)(3,1,0)(2,1,0) -
	-(3,2,1)(4,2,1)(5,2,0)(4,0,0)
10101010	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	- (3,0,0)(2,1,1)(3,1,0)(2,1,0) -
13,12,15,11,16,21,26	-(3,2,1)(4,2,1)(5,2,1)
1 2 4 2 12 12 12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,13,	- (3,0,0)(2,1,1)(3,1,0)(2,1,0) -
12,15,11,16,21,26,22	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)
1 0 4 0 10 10 10 10 17 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,13,12,15,12	- (3,0,0)(2,1,1)(3,1,0)(2,1,1)
1 0 4 0 10 10 10 10 17 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,13,12,15,19	-(3,0,0)(2,1,1)(3,1,0)(4,2,0)
1.0.4.0.10.10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	-(3,0,0)(2,1,1)(3,1,0)(4,2,1) -
13,12,15,20,25,29,21	-(5,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
13,12,15,20,25,30	-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)
1 0 4 0 10 16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	- (3,0,0)(2,1,1)(3,1,0)(4,2,1) -
13,12,15,20,25,30,26	-(5,2,1)(6,2,1)(6,0,0)
1 2 4 8 12 16 12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
$1,2,4,8,12,16,13, \\12,15,20,25,30,26,25,29,21$	- $(3,0,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1)$ -
12,13,20,23,30,20,23,29,21	- (6,2,1)(6,0,0)(5,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,13,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,13,12,10	(3,0,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,13,12,16,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,13,12,10,13	- (3,0,0)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,13,13	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,13,13	(3,1,1)(3,0,0)(3,0,0)
1,2,4,8,12,16,13,14	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,13,14	(3,1,1)(3,0,0)(4,0,0)
1,2,4,8,12,16,13,15	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,13,10	(3,1,1)(3,0,0)(4,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,15,19,23,27,24	- (3,0,0)(4,1,1)(5,1,1)(6,1,1)(6,0,0)
1,2,4,8,12,16,14	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
19401016140	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,16,14,2	-(3,1,1)(3,1,0)(1,0,0)

Y 序列	BMS
1,2,4,8,12,16,14,4	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(1,1,0)
1 2 4 2 12 14	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,	-(1,1,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0) -
14,8,12,16,13	- (2,2,1)(3,2,1)(4,2,1)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
14,8,12,16,14	- (3,1,0)(1,1,0)(2,2,1)(3,2,1)(4,2,1) -
14,0,12,10,14	-(4,1,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,14,9	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
	- (4,2,1)(4,1,0)(3,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,14,10	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
	- (4,2,1)(4,1,0)(3,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,14,10,9	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
	- (4,2,1)(4,1,0)(3,1,0)(3,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,14,10,11	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
	- (4,2,1)(4,1,0)(3,1,0)(4,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,14,10,12	- (3,1,0)(1,1,0)(2,2,1)(3,2,1) -
	- (4,2,1)(4,1,0)(3,1,0)(4,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
14,10,14,18,22,19	-(1,1,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0) -
,,,,,	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
14,11,8,12,16,14	-(1,1,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0) -
,,-,,,	- (3,2,0)(2,2,1)(3,2,1)(4,2,1)(4,1,0)
1,2,4,8,12,16,15	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,1,0,12,10,10	- (1,1,0)(2,2,1)(3,2,1)(4,2,1)(4,2,0)
1,2,4,8,12,16,15,8	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,10,10,0	- (3,1,1)(3,1,0)(1,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,8,12,15,9	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,8,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,0,12,10	- (3,1,0)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,8,12,16,13	- (1,1,1)(2,1,1)(3,1,1)(3,0,0)

Y 序列	BMS
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,8,12,16,14	-(1,1,1)(2,1,1)(3,1,1)(3,1,0)
19,0,12,10,14	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,16,15,9	-(3,1,1)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,9,8	- (3,1,0)(2,0,0)(1,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,9,8,12,16	-(2,0,0)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,9,8,12,16,14	-(2,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
10,0,0,12,10,11	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,9,	-(3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,16,15,8,12,16,14	-(3,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	- (3,1,0)(2,0,0)(1,1,1)(2,1,1) -
15,9,8,12,16,15,9	-(3,1,1)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,9,9	- (3,1,0)(2,0,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,16,15,10	-(3,1,1)(3,1,0)(2,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,11,8,12,16,14	-(2,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
-, ,-, , -,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	-(3,1,0)(2,1,0)(1,1,1)(2,1,1)
15,11,8,12,16,15,9	-(3,1,1)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,11,13	- (3,1,0)(2,1,0)(3,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,11,15	- (3,1,0)(2,1,0)(3,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,11,16	- (3,1,0)(2,1,0)(3,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,11,16,21,25,17	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,11,16,21,26	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
15,11,16,21,26,21,25,17	- (5,2,1)(4,2,1)(5,2,0)(4,0,0)

Y 序列	BMS
1,2,4,8,12,16, 15,11,16,21,26,21,26	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,1)(4,2,1)(5,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,11,16,21,26,22	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,0,0)
1,2,4,8,12,16,15,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
16,21,26,24,8,12,16,15,9	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,1,0) -
10,21,20,24,0,12,10,13,9	-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,16,21,26,24,9	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
11,10,21,20,24,9	- (5,2,1)(5,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,16,21,26,24,15	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
11,10,21,20,21,10	- (5,2,1)(5,1,0)(3,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,16,21,26,24,20	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
11,10,21,20,24,20	- (5,2,1)(5,1,0)(4,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,16,21,26,24,21	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
11,10,21,20,21,21	- (5,2,1)(5,1,0)(4,2,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,16,21,26,24,21,25,17	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
11,10,21,20,21,21,20,11	- (5,2,1)(5,1,0)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,16,21,26,24,21,26	-(3,1,0)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,1)(5,1,0)(4,2,1)(5,2,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,16,21,26,24,21,26,22	-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1) -
11,10,21,20,21,21,20,22	- (5,1,0)(4,2,1)(5,2,1)(5,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,16,21,26,24,28	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
11,10,21,20,24,20	- (5,2,1)(5,1,0)(6,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
11,16,21,26,25	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,0)
1,2,4,8,12,16,15, $11,16,21,26,25,17$	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,15,12	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(2,1,1)

Y序列	BMS
1 2 4 0 12 16 17	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15, $12,11,16,21,26,25,21$	-(3,1,0)(2,1,1)(2,1,0)(3,2,1) -
	-(4,2,1)(5,2,1)(5,2,0)(4,2,1)
1 2 1 2 1 2 1 2 1 2 1 2 1 2	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,12,12	-(3,1,0)(2,1,1)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,12,13	- (3,1,0)(2,1,1)(3,0,0)
1 2 1 2 1 2 1 2 1 2 1 2 1	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,12,14	- (3,1,0)(2,1,1)(3,1,0)
1.0.4.0.10.10.17.10.17.0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,12,15,8	- (3,1,0)(2,1,1)(3,1,0)(1,1,1)
1 0 4 0 10 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(2,1,1)(3,1,0)(1,1,1) -
12,15,8,12,16,15,12,14	-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,0)
1 0 4 0 10 10 17 10 17 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,12,15,9	-(3,1,0)(2,1,1)(3,1,0)(2,0,0)
1040101017101710	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,12,15,12	- (3,1,0)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,15,15,12	-(2,1,1)(3,1,0)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,15,18,12	-(2,1,1)(3,1,0)(4,1,0)(2,1,1)
1 9 4 9 19 16 15 19 15 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,12,15,19	- (3,1,0)(2,1,1)(3,1,0)(4,2,0)
1.2.4.8.12.16.15.12.15.20	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,13,12,13,20	- (3,1,0)(2,1,1)(3,1,0)(4,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,15,20,25,29	-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
12,15,20,25,29,21	- (5,2,1)(6,2,0)(5,0,0)
1 2 4 8 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
12,15,20,25,29,25	- (5,2,1)(6,2,0)(5,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,15,20,25,30	-(2,1,1)(3,1,0)(4,2,1)(5,2,1)(6,2,1)
1 9 / 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,	- (2,1,1)(3,1,0)(4,2,1)(5,2,1) -
12,15,20,25,30,25,29,21	-(6,2,1)(5,2,1)(6,2,0)(5,0,0)

Y 序列	BMS
1,2,4,8,12,16,15, 12,15,20,25,30,25,30	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(5,2,1)(6,2,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,15,20,25,30,26	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
12,15,20,25,50,20	- (5,2,1)(6,2,1)(6,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,15,20,25,30,28,9	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
12,10,20,20,50,20,5	- (5,2,1)(6,2,1)(6,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,15,20,25,30,29	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
12,10,20,20,00,20	- (5,2,1)(6,2,1)(6,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,15,20,25,30,29,21	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
12,10,20,20,00,23,21	- (5,2,1)(6,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,15,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,12,10	- (3,1,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
16,11,16,21,26,25,21,26	-(2,1,1)(3,1,1)(2,1,0)(3,2,1)(4,2,1) -
10,11,10,21,20,20,21,20	-(5,2,1)(5,2,0)(4,2,1)(5,2,1)
1,2,4,8,12,16,15,12,16,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,=,1,0,1=,10,10,1=,10,1=	- (3,1,0)(2,1,1)(3,1,1)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,12,14	- (2,1,1)(3,1,1)(2,1,1)(3,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,12,15,9	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,12,15,10	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,12,15,12	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,16,12,15,12,14	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
,,,,	- (3,1,0)(2,1,1)(3,1,0)
1,2,4,8,12,16,15, 12,16,12,15,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
12,16,12,15,13	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(3,0,0)

Y 序列	BMS
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15, 12,16,12,15,15,12	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
	-(3,1,0)(3,1,0)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
12,16,12,15,18,12	-(3,1,0)(4,1,0)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
12,16,12,15,19	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)
1 0 4 0 10 10 17 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,12,	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,1) -
16,12,15,20,25,30,29,21	- (5,2,1)(6,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,12,16	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1 0 4 0 10 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(2,1,1)(3,1,1)(2,1,1) -
12,16,12,16,12,15,9	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1 0 4 0 10 10 17 10 10 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,12,16,13	- (3,1,0)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,13,9	-(2,1,1)(3,1,1)(3,0,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,13,12	-(2,1,1)(3,1,1)(3,0,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,13,12,14	-(2,1,1)(3,1,1)(3,0,0)(2,1,1)(3,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,12,16,13,12,15,9	- (3,1,0)(2,1,1)(3,1,1)(3,0,0) -
10,12,10,13,12,13,9	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,13,12,16	-(2,1,1)(3,1,1)(3,0,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
12,16,13,12,16,12,15,9	-(2,1,1)(3,1,1)(3,0,0)(2,1,1) -
12,10,13,12,10,12,13,3	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,16,13,12,16,12,16	- (3,1,0)(2,1,1)(3,1,1)(3,0,0) -
	- (2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,15, $12,16,13,12,16,13$	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,1)(3,0,0) -
	- (2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,13,13	- (2,1,1)(3,1,1)(3,0,0)(3,0,0)

Y 序列	BMS
1,2,4,8,12,16,15,12,16,14	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,15,8	-(2,1,1)(3,1,1)(3,1,0)(1,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,15,9	-(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,16,15,12,15,19	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
12,10,13,12,13,19	- (2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,15,12,16	-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,16,15,12,16,12,16	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
12,10,13,12,10,12,10	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,16,15,12,16,13	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
12,10,13,12,10,13	- (2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
12,16,15,12,16,15,9	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
12,10,13,12,10,13,9	-(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
16,15,12,16,15,12,16,15,9	-(2,1,1)(3,1,1)(3,1,0)(2,1,1)(3,1,1) -
10,13,12,10,13,12,10,13,9	-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,13	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,10,10	- (3,1,1)(3,1,0)(3,0,0)
1,2,4,8,12,16,15,13,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,10,0	- (3,1,0)(3,0,0)(1,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,8,12,15,9	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,13,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,11,16,21,26,25,22	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
0,12,10,11,10,21,20,20,22	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(5,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,8,12,15,12	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
13,8,12,15,20,25,30,29,26	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
13,0,14,13,40,43,30,49,40	- (5,2,1)(6,2,1)(6,2,0)(6,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,8,12,16	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)

Y 序列	BMS
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15, 13,8,12,16,12,15,9	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
	-(3,1,1)(2,1,1)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
13,8,12,16,12,15,12	-(3,1,1)(2,1,1)(3,1,0)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	-(3,1,0)(3,0,0)(1,1,1)(2,1,1)
13,8,12,16,12,16	- (3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,8,12,16,13	-(3,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,8,12,16,14	-(3,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
1 2 4 2 12 14	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
15,13,8,12,16,15,9	- (3,1,1)(3,1,0)(2,0,0)
1 0 4 0 10 10 17	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
13,8,12,16,15,12	- (3,1,1)(3,1,0)(2,1,1)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
13,8,12,16,15,12,14	- (3,1,1)(3,1,0)(2,1,1)(3,1,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,8,12,16,15,12,16	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
13,0,12,10,13,12,10	- (3,1,1)(3,1,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,8,12,16,15,12,16,13	- (3,1,0)(3,0,0)(1,1,1)(2,1,1)(3,1,1) -
10,0,12,10,10,12,10,10	- (3,1,0)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
13,8,12,16,15,12,16,15,9	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
10,0,12,10,10,12,10,10,0	- (2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,8,12,16,15,13	- (3,1,0)(3,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(3,0,0)
1,2,4,8,12,16,15,13,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(3,0,0)(2,0,0)
1,2,4,8,12,16,15,13,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(3,0,0)(2,1,0)

Y 序列	BMS
1,2,4,8,12,16,15, 13,11,8,12,16,15,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(3,0,0)(2,1,0)(1,1,1) -
	-(2,1,1)(3,1,1)(3,1,0)(3,0,0)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(3,0,0)(2,1,0)(3,2,1) -
13,11,16,21,26,25,22	- (4,2,1)(5,2,1)(5,2,0)(5,0,0)
1,2,4,8,12,16,15,13,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,13,13,12	-(3,1,0)(3,0,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,12,15,9	- (3,0,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,13,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,13,13,12,10	- (3,1,0)(3,0,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,12,16,12	- (3,0,0)(2,1,1)(3,1,1)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,12,16,12,15,9	- (3,1,0)(3,0,0)(2,1,1)(3,1,1) -
13,12,10,12,13,9	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,12,16,12,16	- (3,0,0)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,12,16,13	- (3,0,0)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,12,16,14	- (3,0,0)(2,1,1)(3,1,1)(3,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,12,16,15,9	- (3,0,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,12,16,15,12	- (3,0,0)(2,1,1)(3,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,13,12,16,15,12,16	- (3,1,0)(3,0,0)(2,1,1)(3,1,1) -
10,10,12,10,12,10	- (3,1,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,12,16,15,12,16,14	- (3,1,0)(3,0,0)(2,1,1)(3,1,1) -
10,12,10,10,12,10,14	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
13,12,16,15,12,16,15,9	- (3,1,0)(3,0,0)(2,1,1)(3,1,1) -
10,12,10,10,12,10,10,0	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,13,12,16,15,13	- (3,0,0)(2,1,1)(3,1,1)(3,1,0)(3,0,0)
1,2,4,8,12,16,15,13,13	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,10,10,10,10	- (3,1,1)(3,1,0)(3,0,0)(3,0,0)

Y 序列	BMS
1,2,4,8,12,16,15,14	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(3,1,0)
1010101017170	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,15,8	- (3,1,0)(3,1,0)(1,1,1)
1.0.4.0.10.10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	- (3,1,0)(3,1,0)(1,1,1)(2,1,1) -
15,15,8,12,16,15,14	- (3,1,1)(3,1,0)(3,1,0)
1010101017170	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,15,9	- (3,1,0)(3,1,0)(2,0,0)
1 2 4 2 12 14 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(3,1,0)(2,0,0)(1,1,1) -
15,9,8,12,16,15,15,9	-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,15,10	- (3,1,0)(3,1,0)(2,1,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(3,1,0)(2,1,0)(1,1,1) -
15,11,8,12,16,15,15,9	-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,15,11,16	- (3,1,0)(3,1,0)(2,1,0)(3,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,15,11,16,21,26	-(3,1,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)
101010	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	- (3,1,0)(3,1,0)(2,1,0)(3,2,1) -
15,15,11,16,21,26,25,17	-(4,2,1)(5,2,1)(5,2,0)(4,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	-(3,1,0)(3,1,0)(2,1,0)(3,2,1)(4,2,1) -
15,11,16,21,26,25,25,17	-(5,2,1)(5,2,0)(5,2,0)(4,0,0)
10101010151510	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,15,12	-(3,1,0)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,15,12,15,12	-(3,1,0)(3,1,0)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,15,12,15,20	-(3,1,0)(2,1,1)(3,1,0)(4,2,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(3,1,0)(2,1,1)(3,1,0) -
15,12,15,20,25,30	- (4,2,1)(5,2,1)(6,2,1)
1.0.4.0.10.10.17	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(3,1,0)(2,1,1)(3,1,0) -
15,12,15,20,25,30,29,21	-(4,2,1)(5,2,1)(6,2,1)(6,2,0)(5,0,0)
	(1,2,1)(0,2,1)(0,2,1)(0,2,0)(0,0,0)

Y 序列	BMS
1,2,4,8,12,16,15,15, 12,15,20,25,30,29,29,21	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (3,1,0)(2,1,1)(3,1,0)(4,2,1) -
	-(5,2,1)(6,2,1)(6,2,0)(6,2,0)(5,0,0)
1010101017171010	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,15,12,16	- (3,1,0)(3,1,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,15,12,16,12	- (3,1,0)(2,1,1)(3,1,1)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,12,16,12,15,9	- (3,1,0)(3,1,0)(2,1,1)(3,1,1) -
10,12,10,12,10,9	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,12,16	-(3,1,0)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,15,12,16,13	- (3,1,0)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,15,12,16,15,9	-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,15,12,16,15,12	-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,15,12,16,15,9	- (3,1,0)(2,1,1)(3,1,1)(3,1,0) -
10,12,10,10,12,10,10,3	- (2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,12,16,15,13,9	- (3,1,0)(2,1,1)(3,1,1)(3,1,0)(3,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,12,16,15,15,9	- (3,1,0)(3,1,0)(2,1,1)(3,1,1) -
10,12,10,10,10,0	- (3,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,15,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
16,15,15,12,16,15,15,9	-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(3,1,0) -
10,10,10,12,10,10,10,0	-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,15,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,10,10	- (3,1,0)(3,1,0)(3,0,0)
1,2,4,8,12,16,15,15,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,10,10,0	- (3,1,0)(3,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,16	(0,0,0)(1,1,1)(2,1,1) -
1,2,7,0,12,10,10,10	- (3,1,1)(3,1,0)(4,0,0)
1 9 4 9 19 16 15 16 9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,16,8	- (3,1,0)(4,0,0)(1,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,8,12,15,9	- (4,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)

Y序列	BMS
1,2,4,8,12,16,15,16,8, 12,15,11,16,21,26,25,26	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	-(4,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(6,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,8,12,15,12	- (4,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,8,12,15,19	- (4,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
16,8,12,15,20,25,29,21	- (4,0,0)(1,1,1)(2,1,1)(3,1,0) -
10,0,12,10,20,20,23,21	- (4,2,1)(5,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,15,20,25,30	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
10,0,12,10,20,20,00	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,15,20,25,30,29,30	- (3,1,0)(4,0,0)(1,1,1)(2,1,1)(3,1,0) -
10,0,12,10,20,20,00,20,00	- (4,2,1)(5,2,1)(6,2,1)(6,2,0)(7,0,0)
1,2,4,8,12,16,15,16,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
12,15,20,25,30,29,30,19	- (4,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
12,10,20,20,00,20,00,10	- (5,2,1)(6,2,1)(6,2,0)(7,0,0)(4,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,8,12,16	- (4,0,0)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,16,12,15,9	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
10,0,12,10,12,10,0	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,16,12,16	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
16,8,12,16,13	- (4,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,16,15,9	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
- , - , , - , - , -	- (3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,16,15,12	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,16,15,12,16	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(2,1,1)(3,1,1)

Y 序列	BMS
1,2,4,8,12,16,15,16, 8,12,16,15,12,16,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(3,1,0)(4,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(3,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
16,8,12,16,15,13	- (3,1,1)(3,1,0)(3,0,0)
1 2 4 9 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
16,8,12,16,15,15,9	- (3,1,1)(3,1,0)(3,1,0)(2,0,0)
1 2 4 2 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15, 16,8,12,16,15,16	- (3,1,0)(4,0,0)(1,1,1)(2,1,1) -
10,8,12,10,13,10	- (3,1,1)(3,1,0)(4,0,0)
1 9 4 9 19 16 15 16 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,16,9	- (3,1,0)(4,0,0)(2,0,0)
1 2 4 9 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,0,0)(2,1,0)(1,1,1) -
16,11,8,12,16,15,16	-(2,1,1)(3,1,1)(3,1,0)(4,0,0)
1 9 4 9 19 16 15 16 11 16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,16,11,16	- (3,1,0)(4,0,0)(2,1,0)(3,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,11,16,21,26	-(4,0,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,0,0)(2,1,0)(3,2,1) -
16,11,16,21,26,25,26	-(4,2,1)(5,2,1)(5,2,0)(6,0,0)
1 9 4 9 19 16 15 16 19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,16,12	- (3,1,0)(4,0,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,16,12,15,9	-(3,1,0)(4,0,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,12,15,12	-(4,0,0)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,12,15,20	-(4,0,0)(2,1,1)(3,1,0)(4,2,1)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,0,0)(2,1,1)(3,1,0) -
16,12,15,20,25,30	- (4,2,1)(5,2,1)(6,2,1)
1,2,4,8,12,16,15,16,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,0,0)(2,1,1)(3,1,1)
1 9 4 9 19 16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16, 15,16,12,16,12,15,9	- (3,1,0)(4,0,0)(2,1,1)(3,1,1) -
	- (2,1,1)(3,1,0)(2,0,0)

Y序列	BMS
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,12,16,12,16	-(4,0,0)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,16,12,16,13	-(3,1,0)(4,0,0)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,12,16,15,9	-(4,0,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,16,12,16,15,16	-(4,0,0)(2,1,1)(3,1,1)(3,1,0)(4,0,0)
1,2,4,8,12,16,15,16,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (3,1,0)(4,0,0)(3,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,16,15,9	- (3,1,0)(4,0,0)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,16,15,12	- (3,1,0)(4,0,0)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,16,15,15,9	-(3,1,0)(4,0,0)(3,1,0)(3,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,16,15,16	- (3,1,0)(4,0,0)(3,1,0)(4,0,0)
1 2 4 0 12 10 17 10 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,16,16	- (3,1,0)(4,0,0)(4,0,0)
1 9 4 9 19 16 15 17	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,16,15,17	- (3,1,1)(3,1,0)(4,1,0)
1,2,4,8,12,16,15,18,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,10,9	- (3,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
18,9,8,12,16,15,18,9	- (3,1,0)(4,1,0)(2,0,0)(1,1,1) -
10,0,0,12,10,10,10,0	-(2,1,1)(3,1,1)(3,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,16,15,18,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,1,0,12,10,10,10,10	- (3,1,0)(4,1,0)(2,1,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
18,11,16,21,26,25,29,17	- (4,1,0)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,1)(5,2,0)(6,2,0)(4,0,0)
1,2,4,8,12,16,15,18,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,18,12,15,9	- (4,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,18,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
12,15,20,25,30,29,33,21	- (4,1,0)(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
, , , , , , ,	- (6,2,1)(6,2,0)(7,2,0)(5,0,0)

Y 序列	BMS
1,2,4,8,12,16,15,18,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,1,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,18,12,16,13	- (4,1,0)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,18,12,16,15,9	- (4,1,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,18,12,16,15,16	- (4,1,0)(2,1,1)(3,1,1)(3,1,0)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,18,12,16,15,18,9	- (3,1,0)(4,1,0)(2,1,1)(3,1,1) -
10,10,12,10,10,0	- (3,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,16,15,18,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,10,10	- (3,1,0)(4,1,0)(3,0,0)
1,2,4,8,12,16,15,18,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,1,0,12,10,10,10,10,0	- (3,1,0)(4,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,18,15,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,1,0,12,10,10,10,10	- (3,1,0)(4,1,0)(3,1,0)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,18,15,18,9	- (4,1,0)(3,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,16,15,18,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , -, -, -, -, -	- (3,1,0)(4,1,0)(4,0,0)
1,2,4,8,12,16,15,18,18,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,16,15,18,19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , , , , , ,	- (3,1,0)(4,1,0)(5,0,0)
1,2,4,8,12,16,15,18,21,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,1,0)(5,1,0)(2,0,0)
1,2,4,8,12,16,15,18,21,22	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
10101010	- (3,1,0)(4,1,0)(5,1,0)(6,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,18,21,24,9	- (4,1,0)(5,1,0)(6,1,0)(2,0,0)
1,2,4,8,12,16,15,19	(0,0,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,15,19,8	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1 9 4 9 19 16	- (3,1,0)(4,2,0)(1,1,1)
1,2,4,8,12,16, 15,19,8,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
10,13,0,12,10,9	$ \begin{array}{c} -(4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1) - \end{array} $
1,2,4,8,12,16,15,	$ \begin{array}{c c} (0,0,0)(1,1,1)(2,1,1)(3,1,1) - \\ - (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,0) - \end{array} $
19,8,12,15,11,16,21,25,17	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,0) - (2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
	- (2,1,0)(0,2,1)(4,2,1)(0,2,0)(4,0,0)

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1,2,4,8,12,16,15, 19,8,12,15,11,16,21,26	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,0) -
	- (2,1,0)(3,2,1)(4,2,1)(5,2,1)
1 0 4 0 10 10 17	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
19,8,12,15,11,16,21,26,21	- (3,2,1)(4,2,1)(5,2,1)(4,2,1)
1 9 4 9 19 16 15 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,19,	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
8,12,15,11,16,21,26,21,26	- (3,2,1)(4,2,1)(5,2,1)(4,2,1)(5,2,1)
1 2 4 8 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15, 19,8,12,15,11,16,21,26,22	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
19,0,12,10,11,10,21,20,22	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,11,16,21,26,22,21	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
0,12,10,11,10,21,20,22,21	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)(4,2,1)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
8,12,15,11,16,21,26,22,22	- (3,2,1)(4,2,1)(5,2,1)(5,0,0)(5,0,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,11,16,21,26,25,17	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
0,12,10,11,10,21,20,20,11	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,11,16,21,26,25,22	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
0,12,10,11,10,21,20,20,22	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(5,0,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,11,16,21,26,25,26	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,0) -
	- (3,2,1)(4,2,1)(5,2,1)(5,2,0)(6,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,15,12	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,19,8,12,15,12,12	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,0)(2,1,1)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,15,12,14	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
10,0,12,10,12,14	- (3,1,0)(2,1,1)(3,1,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,15,12,15,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
10,0,12,10,12,10,0	- (3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,15,13	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(3,0,0)

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1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,15,14	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(3,1,0)
1 9 4 9 19 16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
15,19,8,12,15,15,12	- (3,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,15,16	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,19,8,12,15,18,12	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
10,19,0,12,10,10,12	- (3,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,15,19	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,15,20	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
19,8,12,15,20,25,29,21	- (4,2,0)(1,1,1)(2,1,1)(3,1,0) -
10,0,12,10,20,20,20,21	- (4,2,1)(5,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,19,8,12,15,20,25,30	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
10,10,0,12,10,20,20,00	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,15,20,25,30,25	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
,,,,,,	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(5,2,1)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,20,25,30,25,29,21	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
-, , -, -, -, -, -,	- (5,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,20,25,30,29,21	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,20,25,30,29,35	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
, , , , -,, -,	- (5,2,1)(6,2,1)(6,2,0)(7,3,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,20,25,30,29,35,13	- (4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
	- (5,2,1)(6,2,1)(6,2,0)(7,3,0)(3,0,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,15,20,25,30,29,35,16	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1)
, , , , , , , , , ,	- (5,2,1)(6,2,1)(6,2,0)(7,3,0)(4,0,0)

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1 9 4 9 19 16 15 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,19, 8,12,15,20,25,30,29,35,19	-(4,2,0)(1,1,1)(2,1,1)(3,1,0)(4,2,1) -
	-(5,2,1)(6,2,1)(6,2,0)(7,3,0)(4,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,16	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15, 19,8,12,16,8,12,15,9	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
19,0,12,10,0,12,10,9	- (1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
19,8,12,16,8,12,15,12	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
19,0,12,10,0,12,13,12	- (1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
19,8,12,16,8,12,15,19	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
19,0,12,10,0,12,13,19	- (1,1,1)(2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,8,12,16	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,0,12,10	- (3,1,1)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,16,9	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,11,15	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,11,10	- (3,1,1)(2,1,0)(3,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,19,8,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
12,16,11,16,21,26,25,30	- (3,1,1)(2,1,0)(3,2,1)(4,2,1) -
	- (5,2,1)(5,2,0)(6,3,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,16,12	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,16,12,8,12,15,9	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
0,12,10,12,0,12,10,9	-(2,1,1)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,16,12,8,12,15,12	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
0,12,10,12,0,12,10,12	- (1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,15, 19,8,12,16,12,8,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
10,0,12,10,12,0,12,10	- (2,1,1)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,12,8,12,16,12	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
	-(2,1,1)(1,1,1)(2,1,1)(3,1,1)(2,1,1)

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1,2,4,8,12,16,15, 19,8,12,16,12,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(2,1,1)(2,1,1)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,8,12,16,12,13	- (3,1,1)(2,1,1)(3,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,8,12,16,12,15,9	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1 9 4 9 19 16 15 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,19, 8,12,16,12,15,9,8,12,16	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
0,12,10,12,10,9,0,12,10	-(3,1,0)(2,0,0)(1,1,1)(2,1,1)(3,1,1)
1 2 4 2 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
$1,2,4,8,12,16,15, \\19,8,12,16,12,15,9,9$	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
19,0,12,10,12,10,9,9	-(2,1,1)(3,1,0)(2,0,0)(2,0,0)
1 2 4 8 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
$1,2,4,8,12,16,15, \\19,8,12,16,12,15,12$	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,12,13,12	- (3,1,1)(2,1,1)(3,1,0)(2,1,1)
1 2 4 9 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,12,15,12,15,9	-(2,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15, 19,8,12,16,12,15,15,9	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
19,0,12,10,12,13,13,9	-(2,1,1)(3,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,12,15,18,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
19,0,12,10,12,10,10,9	-(2,1,1)(3,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,12,15,19	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,6,12,10,12,13,19	- (3,1,1)(2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,12,15,20	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,12,13,20	- (3,1,1)(2,1,1)(3,1,0)(4,2,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,12,16	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(2,1,1)(3,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,19, 8,12,16,12,16,8,12,15,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(2,1,1)(3,1,1)(1,1,1) -
	- (2,1,1)(3,1,0)(2,0,0)

Y 序列	BMS
1,2,4,8,12,16,15,19, 8,12,16,12,16,8,12,15,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(2,1,1) -
	-(3,1,1)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1 0 4 0 10 16 15 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,19,	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,16,12,16,8,12,16	-(2,1,1)(3,1,1)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,12,16,12	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,12,10,12	- (3,1,1)(2,1,1)(3,1,1)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,12,16,12,15,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
13,0,12,10,12,10,12,10,3	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,16,12,16,12,15,12	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
0,12,10,12,10,12,10,12	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,16,12,16,12,16	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
0,12,10,12,10,12,10	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,16,13	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
19,8,12,16,13,8,12,15,9	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
10,0,12,10,10,0,12,10,0	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
19,8,12,16,13,8,12,15,12	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
10,0,12,10,10,0,12,10,12	- (3,0,0)(1,1,1)(2,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
19,8,12,16,13,8,12,16	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,0,0)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,16,13,8,12,16,12,16	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	- (1,1,1)(2,1,1)(3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,19, 8,12,16,13,8,12,16,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	- (1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,13,11,15	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,0,0)(2,1,0)(3,2,0)

Y 序列	BMS
1,2,4,8,12,16,15,19,8, 12,16,13,11,16,21,25,17	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0) -
	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1 2 4 2 12 16 15 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,19,	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,16,13,11,16,21,26	- (3,0,0)(2,1,0)(3,2,1)(4,2,1)(5,2,1)
1 2 4 9 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15, 19,8,12,16,13,12	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,13,12	- (3,1,1)(3,0,0)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
19,8,12,16,13,12,15,9	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
19,0,12,10,13,12,13,9	- (3,0,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,13,12,16	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
13,0,12,10,13,12,10	- (3,1,1)(3,0,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,13,13	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,13,13	- (3,1,1)(3,0,0)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,8,12,16,14	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,19,8,12,16,15,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
10,19,0,12,10,10,9	- (3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,15,11,15	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
13,0,12,10,13,11,13	- (3,1,1)(3,1,0)(2,1,0)(3,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,15,12	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
13,0,12,10,19,12	- (3,1,1)(3,1,0)(2,1,1)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,15,12,15,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
13,0,12,10,13,12,13,3	-(3,1,1)(3,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15, 19,8,12,16,15,12,15,19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(2,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,15,12,16	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(2,1,1)(3,1,1)

Y 序列	BMS
1,2,4,8,12,16,15,19, 8,12,16,15,12,16,11,15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	-(3,1,0)(4,2,0)(1,1,1)(2,1,1)(3,1,1) - (2,1,0)(2,1,1)(2,1,1)(2,1,0)(2,2,0)
	- (3,1,0)(2,1,1)(3,1,1)(2,1,0)(3,2,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) - (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,8,12,16,15,12,16,12	$\begin{array}{c c} - (3,1,0)(4,2,0)(1,1,1)(2,1,1) \\ - (3,1,1)(3,1,0)(2,1,1)(3,1,1)(2,1,1) \end{array}$
	$ \begin{array}{c c} -(3,1,1)(3,1,0)(2,1,1)(3,1,1)(2,1,1) \\ \hline (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \end{array} $
1,2,4,8,12,16,15,19,8,	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
12,16,15,12,16,12,15,9	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)
	$ \begin{array}{c c} & (2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0) \\ \hline & (0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) - \\ \hline \end{array} $
1,2,4,8,12,16,15,19,8,	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
12,16,15,12,16,12,15,12	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,19,8,	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
12,16,15,12,16,12,15,19	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(4,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,19,	- (4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
8,12,16,15,12,16,12,16	-(2,1,1)(3,1,1)(2,1,1)(3,1,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,	- (4,2,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,15,12,16,13	- (3,1,0)(2,1,1)(3,1,1)(3,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
1,2,4,8,12,16,15,19,	-(4,2,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)
8,12,16,15,12,16,15,9	- (2,1,1)(3,1,1)(3,1,0)(2,0,0)
1 2 4 2 12 12 17	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,8,12,16,15,13	- (3,1,1)(3,1,0)(3,0,0)
1 0 4 0 10 10 17	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,8,12,16,15,15,9	- (3,1,1)(3,1,0)(3,1,0)(2,0,0)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,15	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,8,12,16,15,15,12	- (3,1,1)(3,1,0)(3,1,0)(2,1,1)
1,2,4,8,12,16,15, 19,8,12,16,15,15,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(3,1,0)(3,0,0)
1 2 / 2 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15, 19,8,12,16,15,15,15,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	-(3,1,1)(3,1,0)(3,1,0)(3,1,0)(2,0,0)

Y 序列	BMS
1,2,4,8,12,16,15, 19,8,12,16,15,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
	- (3,1,1)(3,1,0)(4,0,0)
104010101	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15, 19,8,12,16,15,17	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,13,17	- (3,1,1)(3,1,0)(4,1,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,8,12,16,15,18,9	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,10,10,9	- (3,1,1)(3,1,0)(4,1,0)(2,0,0)
1 2 4 2 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15, 19,8,12,16,15,19	- (3,1,0)(4,2,0)(1,1,1)(2,1,1) -
19,0,12,10,19,19	- (3,1,1)(3,1,0)(4,2,0)
1 9 4 9 19 16 15 10 11 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,19,11,15	- (3,1,0)(4,2,0)(2,1,0)(3,2,0)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,2,0)(2,1,0)(3,2,1) -
19,11,16,21,25,17	- (4,2,1)(5,2,0)(4,0,0)
1 9 4 9 19 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,2,0)(2,1,0)(3,2,1) -
19,11,16,21,26,25,17	- (4,2,1)(5,2,1)(5,2,0)(4,0,0)
1 2 4 2 12 16 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,2,0)(2,1,0)(3,2,1 -
19,11,16,21,26,25,29,17	-(4,2,1)(5,2,1)(5,2,0)(6,2,0)(4,0,0)
1,2,4,8,12,16,15,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,11,16,21,26,25,30	- (3,1,0)(4,2,0)(2,1,0)(3,2,1) -
19,11,10,21,20,20,30	-(4,2,1)(5,2,1)(5,2,0)(6,3,0)
1,2,4,8,12,16,15,19,12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,19,12	- (3,1,0)(4,2,0)(2,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,19,12,15,9	- (3,1,0)(4,2,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,15,19,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,13,12,10	- (3,1,0)(4,2,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,19,12,16,12,15,9	- (3,1,0)(4,2,0)(2,1,1)(3,1,1) -
10,13,12,10,12,10,3	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,12,16,15,9	- (4,2,0)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,12,16,15,19	- (4,2,0)(2,1,1)(3,1,1)(3,1,0)(4,2,0)

Y 序列	BMS
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,19,15,19	- (3,1,0)(4,2,0)(3,1,0)(4,2,0)
1,2,4,8,12,16,15,19,18,22	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,0)(4,2,0)(4,1,0)(5,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,19,19	- (3,1,0)(4,2,0)(4,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,19,20	- (3,1,0)(4,2,0)(5,0,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	- (3,1,0)(4,2,0)(5,1,0)(1,1,1) -
19,22,8,12,16,15,19	-(2,1,1)(3,1,1)(3,1,0)(4,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,19,23	- (3,1,0)(4,2,0)(5,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,23,26,9	-(4,2,0)(5,2,0)(6,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,19,23,26,20	- (4,2,0)(5,2,0)(6,1,0)(5,0,0)
10,10,20,20,20	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,19,23,27	-(3,1,0)(4,2,0)(5,2,0)(6,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,	-(3,1,0)(4,2,0)(5,2,0)(6,2,0) -
19,23,27,19,23,27	- (4,2,0)(5,2,0)(6,2,0)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,19,24	- (3,1,0)(4,2,0)(5,3,0)
	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,16,15,20	(0,0,0)(1,1,1)(2,1,1) - $(3,1,1)(3,1,0)(4,2,1)$
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,20,25	- (3,1,0)(4,2,1)(5,2,1)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,20,25,27	-(3,1,0)(4,2,1)(5,2,1)(6,1,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
15,20,25,28,9	- (3,1,0)(4,2,1)(5,2,1)(6,1,0)(2,0,0)
10,20,20,20,0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,20,25,29	-(3,1,0)(4,2,1)(5,2,1)(6,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,20,25,29,21	- (4,2,1)(5,2,1)(6,2,0)(5,0,0)
10,10,10,10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15,20,25,30	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
15,20,25,30,29,34	(6,3,6)(1,1,1)(2,1,1)(6,1,1)(6,1,1,0) = (4,2,1)(5,2,1)(6,2,1)(6,2,0)(7,3,0)
10,20,20,00,20,04	(1,2,1)(0,2,1)(0,2,1)(0,2,0)(1,0,0)

Y 序列	BMS
10101010	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,15, 20,25,30,29,34,39,44	- (3,1,0)(4,2,1)(5,2,1)(6,2,1) -
	- (6,2,0)(7,3,0)(8,3,0)(9,3,0)
1,2,4,8,12,16,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,15,9	- (3,1,1)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,15,20,25,30,30	- (3,1,1)(1,1,1)(2,1,1)(3,1,0) -
10,0,12,10,20,20,50,50	- (4,2,1)(5,2,1)(6,2,1)(6,2,1)
1,2,4,8,12,16,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,15,20,25,30,30,19	-(3,1,1)(1,1,1)(2,1,1)(3,1,0) -
0,12,13,20,23,30,30,10	- (4,2,1)(5,2,1)(6,2,1)(6,2,1)(4,2,0)
1,2,4,8,12,16,16,8,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,1,0,12,10,10,0,12,10	- (3,1,1)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,16,13	- (3,1,1)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,8,12,16,15,19	- (1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
8,12,16,15,20,25,30,30	- (3,1,1)(1,1,1)(2,1,1)(3,1,1) -
0,12,10,10,20,20,00	- (3,1,0)(4,2,1)(5,2,1)(6,2,1)(6,2,1)
1,2,4,8,12,16,16,8,12,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,15,20,25,30,30,11,15	-(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,1) -
10,13,20,23,30,30,11,13	- (5,2,1)(6,2,1)(6,2,1)(2,1,0)(3,2,0)
1,2,4,8,12,16,16,8,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
12,16,15,20,25,30,30,19	-(1,1,1)(2,1,1)(3,1,1)(3,1,0) -
12,10,10,20,20,00,00,10	- (4,2,1)(5,2,1)(6,2,1)(6,2,1)(4,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,8,12,16,16	- (3,1,1)(1,1,1)(2,1,1)(3,1,1)(3,1,1)
1,2,4,8,12,16,16,9	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,10,10,0	- (3,1,1)(3,1,1)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,11,8,12,16,16	-(2,1,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)
1,2,4,8,12,16,16,11,15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , , , , ,	- (3,1,1)(2,1,0)(3,2,0)
1,2,4,8,12,16,16,11,15,20	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,1)(2,1,0)(3,2,0)(4,3,0)
1,2,4,8,12,16,16,11,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , ,-,,,++,+-	- (3,1,1)(2,1,0)(3,2,1)

Y 序列	BMS
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,11,16,21,25	- (2,1,0)(3,2,1)(4,2,1)(5,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,11,16,21,25,17	-(2,1,0)(3,2,1)(4,2,1)(5,2,0)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,11,16,21,26,26	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)
1 0 4 0 10 16 16 10	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,16,16,12	- (3,1,1)(3,1,1)(2,1,1)
1 9 4 9 19 16 16 19 14	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,16,12,14	- (3,1,1)(2,1,1)(3,1,0)
1 9 4 9 19 16 16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,16, 12,15,8,12,16,16	- (3,1,1)(2,1,1)(3,1,0)(1,1,1) -
12,13,8,12,10,10	-(2,1,1)(3,1,1)(3,1,1)
1 2 4 9 12 16 16 12 15 0	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,16,12,15,9	- (3,1,1)(2,1,1)(3,1,0)(2,0,0)
1 9 4 9 19 16 16 19 15 10	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,16,12,15,19	- (3,1,1)(2,1,1)(3,1,0)(4,2,0)
1 2 4 9 12 16 16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,16,	- (3,1,1)(2,1,1)(3,1,0)(4,2,1) -
12,15,20,25,29,21	- (5,2,1)(6,2,0)(5,0,0)
1 2 4 2 12 16 16 12	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,16,12,	-(3,1,1)(2,1,1)(3,1,0)(4,2,1)(5,2,1) -
15,20,25,30,30,25,29,21	-(6,2,1)(6,2,1)(5,2,1)(6,2,0)(5,0,0)
1,2,4,8,12,16,16,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,12,10	- (3,1,1)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,12,16,12,15,9	-(2,1,1)(3,1,1)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,16,12,16,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,12,10,13	- (3,1,1)(2,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,12,16,15,9	-(2,1,1)(3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,12,16,15,15,9	-(2,1,1)(3,1,1)(3,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,12,16,15,16	-(2,1,1)(3,1,1)(3,1,0)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,12,16,15,18,9	-(2,1,1)(3,1,1)(3,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,12,16,15,19	-(2,1,1)(3,1,1)(3,1,0)(4,2,0)

Y 序列	BMS
1,2,4,8,12,16,16,12,16,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	- (3,1,1)(2,1,1)(3,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
16,12,16,16,12,15,9	- (3,1,1)(2,1,1)(3,1,1)(3,1,1) -
10,12,10,10,12,10,9	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,16,13	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,10,13	- (3,1,1)(3,1,1)(3,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1) -
16,13,12,15,9	- (3,0,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,16,14	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,10,14	- (3,1,1)(3,1,1)(3,1,0)
1,2,4,8,12,16,16,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,10,9	- (3,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,16,15,13	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,10,10	- (3,1,1)(3,1,0)(3,0,0)
1,2,4,8,12,16,16,15,19	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,10,10	- (3,1,1)(3,1,0)(4,2,0)
1,2,4,8,12,16,16,16	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,10	- (3,1,1)(3,1,1)(3,1,1)
1,2,4,8,12,16,16,16,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,10,10,10	- (3,1,1)(3,1,1)(3,1,1)
1,2,4,8,12,16,17	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
17,19,23,27,31	- (4,0,0)(5,1,1)(6,1,1)(7,1,1)
1,2,4,8,12,16,18	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)
1.0.4.0.10.10.10.0	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,16,19,9	- (3,1,1)(4,1,0)(2,0,0)
1 0 4 0 10 10 10 10	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,8,12,16,19,10	- (3,1,1)(4,1,0)(2,1,0)
1 9 4 9 19 16 10 11 15	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,8,12,16,19,11,15	- (4,1,0)(2,1,0)(3,2,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) -
19,11,16,21,26,26	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(5,2,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) -
19,11,16,21,26,27	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(6,0,0)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) -
19,11,16,21,26,28	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(6,1,0)

Y 序列	BMS
1,2,4,8,12,16,19,11,	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0) -
16,21,26,29,8,12,16,19,9	-(2,1,0)(3,2,1)(4,2,1)(5,2,1)(6,1,0) -
	-(1,1,1)(2,1,1)(3,1,1)(4,1,0)(2,0,0)
1,2,4,8,12,16,19,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
11,16,21,26,30,22	- (4,1,0)(2,1,0)(3,2,1)(4,2,1) -
11,10,21,20,00,22	- (5,2,1)(6,2,0)(4,0,0)
1,2,4,8,12,16,19,12	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,10,12	- (3,1,1)(4,1,0)(2,1,1)
1,2,4,8,12,16,19,12,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,1,0,12,10,10,12,10,0	- (4,1,0)(2,1,1)(3,1,0)(2,0,0)
1,2,4,8,12,16,19,12,16	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1)=,1,0,1=,10,10,1=,10	- (4,1,0)(2,1,1)(3,1,1)
1,2,4,8,12,16,	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
19,12,16,19,9	- (4,1,0)(2,1,1)(3,1,1)(4,1,0)(2,0,0)
1,2,4,8,12,16,19,13	(0,0,0)(1,1,1)(2,1,1) -
1,2,1,0,12,10,10	- (3,1,1)(4,1,0)(3,0,0)
1,2,4,8,12,16,19,15,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,1,0,12,10,10,10,0	- (4,1,0)(3,1,0)(2,0,0)
1,2,4,8,12,16,19,16	(0,0,0)(1,1,1)(2,1,1) -
-,-,-,-,,,	- (3,1,1)(4,1,0)(3,1,1)
1,2,4,8,12,16,19,16,19,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , , , , , , , , , , , , , , , , ,	- (4,1,0)(3,1,1)(4,1,0)(2,0,0)
1,2,4,8,12,16,19,17	(0,0,0)(1,1,1)(2,1,1) -
, , , -, -, -, -	- (3,1,1)(4,1,0)(4,0,0)
1,2,4,8,12,16,19,19,9	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , , , , , , , ,	- (4,1,0)(4,1,0)(2,0,0)
1,2,4,8,12,16,19,23	(0,0,0)(1,1,1)(2,1,1) -
, , , , , , ,	- (3,1,1)(4,1,0)(5,2,0)
1,2,4,8,12,16,19,24,29,34	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
, , , -, , -, -, -, -, -, -	- (4,1,0)(5,2,1)(6,2,1)(7,2,1)
1,2,4,8,12,16,20	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)
1,2,4,8,12,16,20,24	(0,0,0)(1,1,1)(2,1,1) -
1,2,4,0,12,10,20,24	- (3,1,1)(4,1,1)(5,1,1)
1,2,4,8,12,16,20,24,28	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
1,2,4,0,12,10,20,24,20	- (4,1,1)(5,1,1)(6,1,1)
1,2,4,8,13	(0,0,0)(1,1,1)(2,2,0)
1,2,4,8,13,8	(0,0,0)(1,1,1)(2,2,0)(1,1,1)
1,2,4,8,13,8,12	(0,0,0)(1,1,1)(2,2,0)(1,1,1)(2,1,1)

Y 序列	BMS
1,2,4,8,13,8,12,16	(0,0,0)(1,1,1)(2,2,0) -
, , , , - , - , - , -	- (1,1,1)(2,1,1)(3,1,1)
1,2,4,8,13,8,13	(0,0,0)(1,1,1)(2,2,0)(1,1,1)(2,2,0)
1,2,4,8,13,8,13,8,13	(0,0,0)(1,1,1)(2,2,0)(1,1,1) -
	- (2,2,0)(1,1,1)(2,2,0)
1,2,4,8,13,9	(0,0,0)(1,1,1)(2,2,0)(2,0,0)
1,2,4,8,13,9,11,15,20	(0,0,0)(1,1,1)(2,2,0) -
, , , , , , , , ,	- (2,0,0)(3,1,1)(4,2,0)
1,2,4,8,13,10	(0,0,0)(1,1,1)(2,2,0)(2,1,0)
1,2,4,8,13,11	(0,0,0)(1,1,1)(2,2,0)(2,1,0)(3,2,0)
1,2,4,8,13,11,16,19	(0,0,0)(1,1,1)(2,2,0) -
1,2,4,0,10,11,10,10	- (2,1,0)(3,2,1)(4,3,0)
1,2,4,8,13,12	(0,0,0)(1,1,1)(2,2,0)(2,1,1)
1,2,4,8,13,12,16	(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,1,1)
1,2,4,8,13,12,17	(0,0,0)(1,1,1)(2,2,0)(2,1,1)(3,2,0)
1,2,4,8,13,12,17,16,21	(0,0,0)(1,1,1)(2,2,0)(2,1,1) -
1,2,1,0,10,12,11,10,21	- (3,2,0)(3,1,1)(4,2,0)
1,2,4,8,13,13	(0,0,0)(1,1,1)(2,2,0)(2,2,0)
1,2,4,8,13,13,13	(0,0,0)(1,1,1)(2,2,0)(2,2,0)(2,2,0)
1,2,4,8,13,14	(0,0,0)(1,1,1)(2,2,0)(3,0,0)
1,2,4,8,13,15	(0,0,0)(1,1,1)(2,2,0)(3,1,0)
1,2,4,8,13,16	(0,0,0)(1,1,1)(2,2,0)(3,1,0) -
1,2,1,0,10,10	- (1,1,0)(2,2,1)(3,3,0)(4,2,0)
1,2,4,8,13,17	(0,0,0)(1,1,1)(2,2,0)(3,1,1)
1,2,4,8,13,18	(0,0,0)(1,1,1)(2,2,0)(3,2,0)
1,2,4,8,13,18,21,9	(0,0,0)(1,1,1)(2,2,0) -
1,2,1,0,10,10,21,0	- (3,2,0)(4,1,0)(2,0,0)
1,2,4,8,13,18,22	(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)
1,2,4,8,13,18,23	(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,2,0)
1,2,4,8,13,19	(0,0,0)(1,1,1)(2,2,0)(3,3,0)
1,2,4,8,13,19,26	(0,0,0)(1,1,1)(2,2,0)(3,3,0)(4,4,0)

Y 序列	BMS
1,2,4,8,13,20	(0,0,0)(1,1,1)(2,2,0)(3,3,1)
1,2,4,8,13,20,26,20	(0,0,0)(1,1,1)(2,2,0) -
, , , -, -, -, -	- (3,3,1)(4,3,0)(3,3,1)
1,2,4,8,13,20,27	(0,0,0)(1,1,1)(2,2,0)(3,3,1)(4,3,1)
1,2,4,8,13,20,27,33,21	(0,0,0)(1,1,1)(2,2,0)(3,3,1) -
	- (4,3,1)(5,3,0)(4,0,0)
1,2,4,8,13,20,28	(0,0,0)(1,1,1)(2,2,0)(3,3,1)(4,4,0)
1,2,4,8,13,20,28,38	(0,0,0)(1,1,1)(2,2,0) -
	- (3,3,1)(4,4,0)(5,5,1)
1,2,4,8,13,20,28,38,49,62	(0,0,0)(1,1,1)(2,2,0)(3,3,1) -
1,2,1,0,10,20,20,00,10,02	- (4,4,0)(5,5,1)(6,6,0)(7,7,1)
1,2,4,8,14	(0,0,0)(1,1,1)(2,2,1)
1,2,4,8,14,8,14	(0,0,0)(1,1,1)(2,2,1)(1,1,1)(2,2,1)
1,2,4,8,14,11,	(0,0,0)(1,1,1)(2,2,1)(2,1,0) -
8,13,20,29,23,9	- (1,1,1)(2,2,0)(3,3,1)(4,4,1)
1,2,4,8,14,11,	(0,0,0)(1,1,1)(2,2,1)(2,1,0)(1,1,1) -
8,13,20,29,23,9	-(2,2,0)(3,3,1)(4,4,1)(4,1,0)(2,0,0)
1,2,4,8,14,12	(0,0,0)(1,1,1)(2,2,1)(2,1,1)
1,2,4,8,14,12,17	(0,0,0)(1,1,1)(2,2,1)(2,1,1)(3,2,0)
1,2,4,8,14,12,17,24	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,12,17,24	-(2,1,1)(3,2,0)(4,3,1)
1,2,4,8,14,12,17,24,33	(0,0,0)(1,1,1)(2,2,1)(2,1,1) -
1,2,4,0,14,12,17,24,33	- (3,2,0)(4,3,1)(5,4,1)
1,2,4,8,14,12,18	(0,0,0)(1,1,1)(2,2,1)(2,1,1)(3,2,1)
1 9 4 9 14 19 19 0	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,12,18,9	- (2,1,1)(3,2,1)(2,0,0)
194914191919	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,12,18,12	- (2,1,1)(3,2,1)(2,1,1)
1 9 4 9 14 19 19 19 19	(0,0,0)(1,1,1)(2,2,1)(2,1,1) -
1,2,4,8,14,12,18,12,18	- (3,2,1)(2,1,1)(3,2,1)
101011101010	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,12,18,13	- (2,1,1)(3,2,1)(3,0,0)
1,2,4,8,14,12,18,15,9	(0,0,0)(1,1,1)(2,2,1)(2,1,1) -
	- (3,2,1)(3,1,0)(2,0,0)
1,2,4,8,14,12,18,16	(0,0,0)(1,1,1)(2,2,1) -
	-(2,1,1)(3,2,1)(3,1,1)

Y 序列	BMS
1,2,4,8,14,12,18,16,22	(0,0,0)(1,1,1)(2,2,1)(2,1,1) -
1,2,4,0,14,12,10,10,22	- (3,2,1)(3,1,1)(4,2,1)
1,2,4,8,14,12,	(0,0,0)(1,1,1)(2,2,1)(2,1,1) -
18,16,22,20,26	- (3,2,1)(3,1,1)(4,2,1)(4,1,1)(5,2,1)
1,2,4,8,14,13	(0,0,0)(1,1,1)(2,2,1)(2,2,0)
1,2,4,8,14,13,18	(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,2,0)
1,2,4,8,14,13,18,23	(0,0,0)(1,1,1)(2,2,1) -
, , , -, , -, -, -	- (2,2,0)(3,2,0)(4,2,0)
1,2,4,8,14,13,20	(0,0,0)(1,1,1)(2,2,1)(2,2,0)(3,3,1)
1,2,4,8,14,13,20,24	(0,0,0)(1,1,1)(2,2,1) -
, , , , , , ,	- (2,2,0)(3,3,1)(4,1,1)
1,2,4,8,14,13,20,25	(0,0,0)(1,1,1)(2,2,1) -
	- (2,2,0)(3,3,1)(4,2,0)
1,2,4,8,14,13,20,26,20	(0,0,0)(1,1,1)(2,2,1)(2,2,0) -
	- (3,3,1)(4,3,0)(3,3,1)
1,2,4,8,14,13,20,29	(0,0,0)(1,1,1)(2,2,1) - (2,2,0)(3,3,1)(4,4,1)
	(0,0,0)(1,1,1)(2,2,1)(2,2,0) -
1,2,4,8,14,13,20,29,20	- (3,3,1)(4,4,1)(3,3,1)
1,2,4,8,14,14	(0,0,0)(1,1,1)(2,2,1)(2,2,1)
1040141410150	(0,0,0)(1,1,1)(2,2,1)(2,2,1) -
1,2,4,8,14,14,12,15,9	- (2,1,1)(3,1,0)(2,0,0)
1,2,4,8,14,14,14	(0,0,0)(1,1,1)(2,2,1)(2,2,1)(2,2,1)
1,2,4,8,14,15	(0,0,0)(1,1,1)(2,2,1)(3,0,0)
1,2,4,8,14,15,13	(0,0,0)(1,1,1)(2,2,1)(3,0,0)(2,2,0)
1,2,4,8,14,15,14,13	(0,0,0)(1,1,1)(2,2,1) -
1,2,1,0,11,10,11,10	- (3,0,0)(2,2,1)(2,2,0)
1,2,4,8,14,15,14,15	(0,0,0)(1,1,1)(2,2,1) -
, , , -, , -, , -	- (3,0,0)(2,2,1)(3,0,0)
1,2,4,8,14,15,15	(0,0,0)(1,1,1)(2,2,1)(3,0,0)(3,0,0)
1,2,4,8,14,16	(0,0,0)(1,1,1)(2,2,1)(3,1,0)
1,2,4,8,14,17	(0,0,0)(1,1,1)(2,2,1)(3,1,0) -
	- (1,1,0)(2,2,1)(3,3,1)(4,2,0)
1,2,4,8,14,17,8	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(1,1,1)

Y 序列	BMS
1,2,4,8,14,17,8,12,16	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,11,0,12,10	- (3,1,0)(1,1,1)(2,1,1)(3,1,1)
1,2,4,8,14,17,8,12,16,16	(0,0,0)(1,1,1)(2,2,1)(3,1,0) -
1,2,1,0,11,11,0,12,10,10	- (1,1,1)(2,1,1)(3,1,1)(3,1,1)
1,2,4,8,14,17,8,14	(0,0,0)(1,1,1)(2,2,1) -
, , , , , , ,	- (3,1,0)(1,1,1)(2,2,1)
1,2,4,8,14,17,8,14,14	(0,0,0)(1,1,1)(2,2,1)(3,1,0) -
	- (1,1,1)(2,2,1)(2,2,1)
1,2,4,8,14,17,8,14,15	(0,0,0)(1,1,1)(2,2,1)(3,1,0) -
	- (1,1,1)(2,2,1)(3,0,0)
1,2,4,8,14,17,9	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,0,0)
1,2,4,8,14,17,11,15	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,11,110	- (3,1,0)(2,1,0)(3,2,0)
1,2,4,8,14,17,13	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,0)
1,2,4,8,14,17,14	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(2,2,1)
1,2,4,8,14,17,21	(0,0,0)(1,1,1)(2,2,1)(3,1,0)(4,2,0)
1,2,4,8,14,17,22,29,33	(0,0,0)(1,1,1)(2,2,1)(3,1,0) -
1,2,4,0,14,11,22,23,00	- (4,2,1)(5,3,1)(6,2,0)
1,2,4,8,14,18	(0,0,0)(1,1,1)(2,2,1)(3,1,1)
1,2,4,8,14,18,12,18,22	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
,,_,_,,,,	- (2,1,1)(3,2,1)(4,1,1)
1,2,4,8,14,18,13	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(2,2,0)
1,2,4,8,14,18,14	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(2,2,1)
1,2,4,8,14,18,14,18	(0,0,0)(1,1,1)(2,2,1) -
1,2,1,0,11,10,11,10	- (3,1,1)(2,2,1)(3,1,1)
1,2,4,8,14,18,18	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(3,1,1)
1,2,4,8,14,18,22	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,1,1)
1,2,4,8,14,18,23	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,0)
1,2,4,8,14,18,23,30	(0,0,0)(1,1,1)(2,2,1) -
	- (3,1,1)(4,2,0)(5,3,1)
1,2,4,8,14,18,24	(0,0,0)(1,1,1)(2,2,1)(3,1,1)(4,2,1)
1,2,4,8,14,18,24,14	(0,0,0)(1,1,1)(2,2,1) -
	- (3,1,1)(4,2,1)(2,2,1)

Y 序列	BMS
	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
1,2,4,8,14,18,24,14,18	- (4,2,1)(2,2,1)(3,1,1)
1,2,4,8,14,18,24,14,18,24	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
	- (4,2,1)(2,2,1)(3,1,1)(4,2,1)
	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,18,24,18	- (3,1,1)(4,2,1)(3,1,1)
	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
1,2,4,8,14,18,24,18,24	- (4,2,1)(3,1,1)(4,2,1)
	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
1,2,4,8,14,18,24,22,28	- (4,2,1)(4,1,1)(5,2,1)
	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,18,24,23	- (3,1,1)(4,2,1)(4,2,0)
	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,18,24,24	- (3,1,1)(4,2,1)(4,2,1)
	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,18,24,25	- (3,1,1)(4,2,1)(5,0,0)
	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
1,2,4,8,14,18,24,27,9	- (4,2,1)(5,1,0)(2,0,0)
	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,18,24,28	- (3,1,1)(4,2,1)(5,1,1)
	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
1,2,4,8,14,18,24,28,33	- (4,2,1)(5,1,1)(6,2,0)
	(0,0,0)(1,1,1)(2,2,1)(3,1,1) -
1,2,4,8,14,18,24,28,34	- (4,2,1)(5,1,1)(6,2,1)
1,2,4,8,14,19	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
1,2,1,0,11,10	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,8,14,19	-(1,1,1)(2,2,1)(3,2,0)
	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,11,8,14,19	-(2,1,0)(1,1,1)(2,2,1)(3,2,0)
	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,19,11,15	-(3,2,0)(2,1,0)(3,2,0)
	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,19,11,16	$\begin{array}{c} (0,0,0)(1,1,1)(2,2,1) \\ -(3,2,0)(2,1,0)(3,2,1) \end{array}$
1,2,4,8,14,19,11,16,23	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	$\begin{array}{c c} (0,0,0)(1,1,1)(2,2,1)(0,2,0) \\ - (2,1,0)(3,2,1)(4,3,1) \end{array}$
	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	-(2,1,0)(3,2,1)(4,3,1)(5,0,0)
1,2,4,8,14,19,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
11,16,23,27,17	- (2,1,0)(3,2,1)(4,3,1)(5,2,0)(4,0,0)
11,10,20,21,11	(2,1,0)(0,2,1)(1,0,1)(0,2,0)(1,0,0)

Y 序列	BMS
2 / 1 / 2	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,11, 16,23,28,35,39,17	(0,0,0)(1,1,1)(2,2,1)(3,2,0) - $(2,1,0)(3,2,1)(4,3,1)(5,2,1)$ -
	- (2,1,0)(3,2,1)(4,3,1)(3,2,1) - - (6,3,1)(7,2,0)(4,0,0)
	$\frac{(0,0,1)(1,2,0)(4,0,0)}{(0,0,0)(1,1,1)(2,2,1)(3,2,0)} -$
1,2,4,8,14,19,11,16,23,29	(0,0,0)(1,1,1)(2,2,1)(3,2,0) - (2,1,0)(3,2,1)(4,3,1)(5,3,0)
	, , , , ,
1,2,4,8,14,19,11,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
16,23,29,20,26,34,41	-(2,1,0)(3,2,1)(4,3,1)(5,3,0) -
	- (4,2,0)(5,3,1)(6,4,1)(7,4,0)
1,2,4,8,14,19,12	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,1,1)
1,2,4,8,14,19,13	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,0)
1 9 4 9 14 10 14 19	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,19,14,13	-(3,2,0)(2,2,1)(2,2,0)
1 9 4 9 14 10 14 15	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,19,14,15	-(3,2,0)(2,2,1)(3,0,0)
1 9 4 9 14 10 14 17 0	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,14,17,9	-(2,2,1)(3,1,0)(2,0,0)
1 0 4 0 14 10 14 10 04 00	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,14,18,24,29	-(2,2,1)(3,1,1)(4,2,1)(5,2,0)
1 9 4 9 14 10 14	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,14,	- $(2,2,1)(3,1,1)(4,2,1)(5,2,0)$ -
18,24,29,24,27,9	-(4,2,1)(5,1,0)(2,0,0)
1 9 4 9 14 10 14	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,14,	- $(2,2,1)(3,1,1)(4,2,1)(5,2,0)$ -
18,24,29,24,28,34,39	- (4,2,1)(5,1,1)(6,2,1)(7,2,0)
1 2 4 2 14 10 14 10	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,19,14,19	-(3,2,0)(2,2,1)(3,2,0)
1 9 4 9 14 10 14 10 11 15	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,14,19,11,15	-(2,2,1)(3,2,0)(2,1,0)(3,2,0)
1,2,4,8,14,19,14,	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(2,2,1) -
19,11,16,23,29	- (3,2,0)(2,1,0)(3,2,1)(4,3,1)(5,3,0)
1,2,4,8,14,19,14,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,14, 19,11,16,23,29,23,29	- $(2,2,1)(3,2,0)(2,1,0)(3,2,1)$ -
19,11,10,20,29,20,29	- (4,3,1)(5,3,0)(4,3,1)(5,3,0)
1,2,4,8,14,19,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
14,19,14,18,9	-(2,2,1)(3,2,0)(2,2,1)(3,1,0)(2,0,0)
1,2,4,8,14,19,14,19,14,19	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	-(2,2,1)(3,2,0)(2,2,1)(3,2,0)
1,2,4,8,14,19,15	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,0,0)

Y 序列	BMS
1 9 4 9 14 10 17 0	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,19,17,9	- (3,2,0)(3,1,0)(2,0,0)
1,2,4,8,14,19,17,14,19	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (3,1,0)(2,2,1)(3,2,0)
1,2,4,8,14,19,18	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,1,1)
1,2,4,8,14,19,18,24,25	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,1,0,11,10,10,21,20	- (3,1,1)(4,2,1)(5,0,0)
1,2,4,8,14,19,18,24,29	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (3,1,1)(4,2,1)(5,2,0)
1,2,4,8,14,19,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
18,24,29,32,9	-(3,1,1)(4,2,1)(5,2,0)(5,1,0)(2,0,0)
1,2,4,8,14,19,19	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(3,2,0)
1,2,4,8,14,19,22,9	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,19,22,9	- (3,2,0)(4,1,0)(2,0,0)
1,2,4,8,14,19,	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,1,0) -
22,14,19,22,9	- (2,2,1)(3,2,0)(4,1,0)(2,0,0)
1,2,4,8,14,19,22,19,22,9	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,1,0,11,10,22,10,22,0	- (4,1,0)(3,2,0)(4,1,0)(2,0,0)
1,2,4,8,14,19,22,25,9	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
-,-,-,-,,,,	- (4,1,0)(5,1,0)(2,0,0)
1,2,4,8,14,19,22,26	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,0)(4,1,0)(5,2,0)
1,2,4,8,14,19,23,29,34	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (4,1,1)(5,2,1)(6,2,0)
1,2,4,8,14,19,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
23,29,34,37,9	-(4,1,1)(5,2,1)(6,2,0)(7,1,0)(2,0,0)
1,2,4,8,14,19,24	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,2,0)
1,2,4,8,14,19,25	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,3,0)
1,2,4,8,14,19,25,31,37	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,1,0,11,10,20,01,01	- (4,3,0)(5,3,0)(6,3,0)
1,2,4,8,14,19,26	(0,0,0)(1,1,1)(2,2,1)(3,2,0)(4,3,1)
1,2,4,8,14,19,26,27	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,0)(4,3,1)(5,0,0)
1,2,4,8,14,19,26,29,33	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	- (4,3,1)(5,1,0)(6,2,0)
1,2,4,8,14,19,26,29,34	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
, , ,-,, - -,,,,,	- (4,3,1)(5,1,0)(6,2,1)

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1,2,4,8,14,19,26,29,34,39	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	-(4,3,1)(5,1,0)(6,2,1)(7,2,1)
1,2,4,8,14,19,26,29,34,41	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
	-(4,3,1)(5,1,0)(6,2,1)(7,3,1)
1,2,4,8,14,19,	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
26,29,34,41,47	-(4,3,1)(5,1,0)(6,2,1)(7,3,1)(8,3,0)
1 0 4 0 14 10 00 20	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,19,26,30	- (3,2,0)(4,3,1)(5,1,1)
1 9 4 9 14 10 96 90 96 41	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,26,30,36,41	- (4,3,1)(5,1,1)(6,2,1)(7,2,0)
1 9 4 9 14 10 96 91	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,8,14,19,26,31	- (3,2,0)(4,3,1)(5,2,0)
1,2,4,8,14,19,26,32,26	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,20,32,20	- (4,3,1)(5,3,0)(4,3,1)
1,2,4,8,14,19,26,33	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,19,20,33	- (3,2,0)(4,3,1)(5,4,1)
1 9 4 9 14 10 96 99 94	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,8,14,19,26,33,34	- (4,3,1)(5,4,1)(6,0,0)
1,2,4,8,14,19,26,33,39	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,0,14,19,20,33,39	- (4,3,1)(5,4,1)(6,3,0)(5,0,0)
1,2,4,8,14,19,26,33,41	(0,0,0)(1,1,1)(2,2,1)(3,2,0) -
1,2,4,6,14,19,20,33,41	- (4,3,1)(5,4,1)(6,4,0)
1,2,4,8,14,20	(0,0,0)(1,1,1)(2,2,1)(3,2,1)
1,2,4,8,14,20,8,12	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,20,0,12	- (3,2,1)(1,1,1)(2,1,1)
1,2,4,8,14,20,8,14	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,20,0,14	- (3,2,1)(1,1,1)(2,2,1)
1,2,4,8,14,20,8,14,19	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,2,1,0,11,20,0,11,13	- (1,1,1)(2,2,1)(3,2,0)
1,2,4,8,14,20,8,14,20	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
-,-,-,-,-,,-,-,-,-,-,-,-	- (1,1,1)(2,2,1)(3,2,1)
1,2,4,8,14,20,13	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,0)
1,2,4,8,14,20,13,18,23	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
	- (2,2,0)(3,2,0)(4,2,0)
1,2,4,8,14,20,14	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,1)(2,2,1)
1,2,4,8,14,20,14,15	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,1)(2,2,1)(3,0,0)

$ \begin{array}{c} 1,2,4,8,14,20,14,17,9 \\ 1,2,4,8,14,20,14,18 \\ \end{array} \begin{array}{c} (0,0,0)(1,1,1)(2,2,1)(3,2,1) \\ -(2,2,1)(3,1,0)(2,0,0) \\ \hline (0,0,0)(1,1,1)(2,2,1) \\ -(2,2,1)(3,1,0)(2,0,0) \\ \end{array} $	
$\begin{array}{c c} -(2,2,1)(3,1,0)(2,0,0) \\ \hline & (0,0,0)(1,1,1)(2,2,1) \end{array}$	
1 2 4 8 14 20 14 18 (0,0,0)(1,1,1)(2,2,1) -	
- (3,2,1)(2,2,1)(3,1,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1) -	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
(0,0,0)(1,1,1)(2,2,1)(3,2,1) -	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
1,2,4,8,14,20, $(0,0,0)(1,1,1)(2,2,1)(3,2,1)$ -	
14,18,24,29,35 - (2,2,1)(3,1,1)(4,2,1)(5,2,0)(6,3,	0)
1,2,4,8,14,20, $(0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)$) -
14,18,24,29,36 - (3,1,1)(4,2,1)(5,2,0)(6,3,1)	
(0,0,0)(1,1,1)(2,2,1)(3,2,1) -	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
(0,0,0)(1,1,1)(2,2,1)(3,2,1) -	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
(0,0,0)(1,1,1)(2,2,1) -	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
1,2,4,8,14,20, $(0,0,0)(1,1,1)(2,2,1)(3,2,1)$ -	
14,19,25,31,37 - (2,2,1)(3,2,0)(4,3,0)(5,3,0)(6,3,0)	0)
(0,0,0)(1,1,1)(2,2,1) -	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
1,2,4,8,14,20, $(0,0,0)(1,1,1)(2,2,1)(3,2,1)$ -	
14,20,13,18,23 - (2,2,1)(3,2,1)(2,2,0)(3,2,0)(4,2,	0)
1,2,4,8,14,20, $(0,0,0)(1,1,1)(2,2,1)(3,2,1)$ -	
14,20,14,17,9 - (2,2,1)(3,2,1)(2,2,1)(3,1,0)(2,0,	0)
$1,2,4,8,14,20, \qquad (0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)$) -
	0)
(0,0,0)(1,1,1)(2,2,1)(3,2,1) -	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
(0,0,0)(1,1,1)(2,2,1)(3,2,1) -	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
(0,0,0)(1,1,1)(2,2,1)(3,2,1) -	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
$1,2,4,8,14,20, \qquad (0,0,0)(1,1,1)(2,2,1)(3,2,1)(2,2,1)$) -
	0)

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1,2,4,8,14,20,14,	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
20,14,20,14,19,25,31,37	-(2,2,1)(3,2,1)(2,2,1)(3,2,1) -
20,14,20,14,19,20,31,31	-(2,2,1)(3,2,0)(4,3,0)(5,3,0)(6,3,0)
1,2,4,8,14,20,15	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,0,0)
1,2,4,8,14,20,17,9	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,20,11,0	- (3,2,1)(3,1,0)(2,0,0)
1,2,4,8,14,20,	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
17,22,29,35	- (3,1,0)(4,2,1)(5,3,1)(6,3,0)
1,2,4,8,14,20,	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,0) -
17,22,29,36,29,35	- (4,2,1)(5,3,1)(6,3,1)(5,3,1)(6,3,0)
1,2,4,8,14,20,	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,0) -
17,22,29,36,30	- (4,2,1)(5,3,1)(6,3,1)(6,0,0)
1,2,4,8,14,20,18	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,1,1)
1,2,4,8,14,20,18,24,30	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,2,4,8,14,20,18,24,30	-(3,1,1)(4,2,1)(5,2,1)
1,2,4,8,14,20,19	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,0)
1,2,4,8,14,20,19,24,29	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,2,4,0,14,20,13,24,23	-(3,2,0)(4,2,0)(5,2,0)
1,2,4,8,14,20,19,25	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,20,13,20	- (3,2,1)(3,2,0)(4,3,1)
1,2,4,8,14,20,20	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(3,2,1)
1,2,4,8,14,20,20,14,19	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,2,4,0,14,20,20,14,10	-(3,2,1)(2,2,1)(3,2,0)
1,2,4,8,14,20,	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
20,14,20,14,19	- (3,2,1)(2,2,1)(3,2,1)(3,2,0)
1,2,4,8,14,20,20,14,20,19	(0,0,0)(1,1,1)(2,2,1) -
1,2,1,0,11,20,20,11,20,10	- (3,2,1)(3,2,1)(3,2,0)
1,2,4,8,14,20,25	(0,0,0)(1,1,1)(2,2,1)(3,2,1)(4,2,0)
1,2,4,8,14,20,26,19	(0,0,0)(1,1,1)(2,2,1) -
1,2,4,0,14,20,20,19	- (3,2,1)(4,2,1)(3,2,0)
1,2,4,8,14,20,26,20,25	(0,0,0)(1,1,1)(2,2,1)(3,2,1) -
1,2,1,0,11,20,20,20,20	- (4,2,1)(3,2,1)(4,2,0)
1,2,4,8,14,20,26,25	(0,0,0)(1,1,1)(2,2,1) -
1,2,1,0,14,20,20,20	- (3,2,1)(4,2,1)(4,2,0)
1,2,4,8,14,20,26,31	(0,0,0)(1,1,1)(2,2,1) -
	- (3,2,1)(4,2,1)(5,2,0)
1,2,4,8,14,21	(0,0,0)(1,1,1)(2,2,1)(3,3,0)

Y 序列	BMS
1,2,4,8,14,21,28,35	(0,0,0)(1,1,1)(2,2,1) -
1,2,1,0,11,21,20,90	- (3,3,0)(4,3,0)(5,3,0)
1,2,4,8,14,21,30	(0,0,0)(1,1,1)(2,2,1)(3,3,0)(4,4,1)
1,2,4,8,14,21,30,41,51	(0,0,0)(1,1,1)(2,2,1)(3,3,0) -
, , , -, , ,, , -	- (4,4,1)(5,5,1)(6,5,0)
1,2,4,8,14,21,30,41,52,42	(0,0,0)(1,1,1)(2,2,1)(3,3,0) - - $(4,4,1)(5,5,1)(6,5,1)(6,0,0)$
	(0,0,0)(1,1,1)(2,2,1)(3,3,0) -
1,2,4,8,14,21,30,41,53	- (4,4,1)(5,5,1)(6,6,0)
1,2,4,8,14,22	(0,0,0)(1,1,1)(2,2,1)(3,3,1)
1,2,4,8,14,22,14	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(2,2,1)
1,2,4,8,14,22,14,20	(0,0,0)(1,1,1)(2,2,1) -
, , , -, , , , -	- (3,3,1)(2,2,1)(3,2,1)
1,2,4,8,14,22,14,21	(0,0,0)(1,1,1)(2,2,1) - $(3,3,1)(2,2,1)(3,3,0)$
	$\frac{(0,0,1)(2,2,1)(3,3,0)}{(0,0,0)(1,1,1)(2,2,1)} -$
1,2,4,8,14,22,14,22	- (3,3,1)(2,2,1)(3,3,1)
1,2,4,8,14,22,20	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,2,1)
1,2,4,8,14,22,20,28	(0,0,0)(1,1,1)(2,2,1) -
1,2,1,0,11,22,20,20	- (3,3,1)(3,2,1)(4,3,1)
1,2,4,8,14,22,21	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,0)
1,2,4,8,14,22,22	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(3,3,1)
1,2,4,8,14,22,23	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,0,0)
1,2,4,8,14,22,29	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,3,0)
1,2,4,8,14,22,32	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,4,1)
1,2,4,8,14,22,32,44	(0,0,0)(1,1,1)(2,2,1) -
-,-,-,-,,,	- (3,3,1)(4,4,1)(5,5,1)
1,2,4,8,15	(0,0,0)(1,1,1)(2,2,2)
1,2,4,8,15,22	(0,0,0)(1,1,1)(2,2,2)(3,2,2)
1,2,4,8,15,22,23	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,0,0)
1,2,4,8,15,22,24	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,0)
1,2,4,8,15,22,25,9	(0,0,0)(1,1,1)(2,2,2) -
+,-,+,0,+0,22,20,0	- (3,2,2)(4,1,0)(2,0,0)

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1,2,4,8,15,22,26	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,1,1)
1,2,4,8,15,22,27	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0)
1,2,4,8,15,22,27,15	(0,0,0)(1,1,1)(2,2,2) - $(3,2,2)(4,2,0)(2,2,2)$
1,2,4,8,15,22,	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,0) -
27,15,22,27,15	-(2,2,2)(3,2,2)(4,2,0)(2,2,2)
1,2,4,8,15,22,27,16	(0,0,0)(1,1,1)(2,2,2) - $(3,2,2)(4,2,0)(3,0,0)$
1,2,4,8,15,22,28	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,1)
1,2,1,0,10,22,20	(0,0,0)(1,1,1)(2,2,2)(0,2,2)(1,2,1)
1,2,4,8,15,22,29	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)
1,2,4,8,15,22,29,29	(0,0,0)(1,1,1)(2,2,2) -
	- (3,2,2)(4,2,2)(4,2,2)
1,2,4,8,15,22,29,36	(0,0,0)(1,1,1)(2,2,2) -
, , , , , , , ,	- (3,2,2)(4,2,2)(5,2,2)
1,2,4,8,15,23	(0,0,0)(1,1,1)(2,2,2)(3,3,0)
1,2,4,8,15,24	(0,0,0)(1,1,1)(2,2,2)(3,3,1)
1,2,4,8,15,24,35	(0,0,0)(1,1,1)(2,2,2)(3,3,1)(4,4,1)
1,2,4,8,15,24,36	(0,0,0)(1,1,1)(2,2,2)(3,3,1)(4,4,2)
1,2,4,8,15,25	(0,0,0)(1,1,1)(2,2,2)(3,3,2)
1,2,4,8,15,25,26	(0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,0,0)
1,2,4,8,15,25,38	(0,0,0)(1,1,1)(2,2,2)(3,3,2)(4,4,2)
1,2,4,8,15,26	(0,0,0)(1,1,1)(2,2,2)(3,3,3)
1,2,4,8,15,26,42	(0,0,0)(1,1,1)(2,2,2)(3,3,3)(4,4,4)
1,2,4,8,15,26,42,64	(0,0,0)(1,1,1)(2,2,2) -
	- (3,3,3)(4,4,4)(5,5,5)
1,2,4,8,16	(0,0,0,0)(1,1,1,1)
1,2,4,8,16,8	(0,0,0,0)(1,1,1,1)(1,1,1,0)
1,2,4,8,16,8,14	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,1,0)
1,2,4,8,16,8,14,22	(0,0,0,0)(1,1,1,1)(1,1,1,0) - $(2,2,1,0)(3,3,1,0)$
1,2,4,8,16,8,15	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,2,0)

Y序列	BMS
1,2,4,8,16,8,15,26	(0,0,0,0)(1,1,1,1)(1,1,1,0) -
	- (2,2,2,0)(3,3,3,0)
1,2,4,8,16,8,16	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,2,1)
1,2,4,8,16,14	(0,0,0,0)(1,1,1,1)(1,1,1,0) -
1,2,4,0,10,14	- (2,2,2,1)(2,2,1,0)
1,2,4,8,16,14,24,22	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,2,1) -
1,2,1,0,10,11,21,2	- (2,2,1,0)(3,3,2,1)(3,3,1,0)
1,2,4,8,16,15	(0,0,0,0)(1,1,1,1)(1,1,1,0) -
1,2,1,0,10,10	- (2,2,2,1)(2,2,2,0)
1,2,4,8,16,15,27	(0,0,0,0)(1,1,1,1)(1,1,1,0) -
1,2,1,0,10,10,1	- (2,2,2,1)(2,2,2,0)(3,3,3,1)
1,2,4,8,16,15,27,26	(0,0,0,0)(1,1,1,1)(1,1,1,0)(2,2,2,1) -
1,2,1,0,10,10,21,20	- (2,2,2,0)(3,3,3,1)(3,3,3,0)
1,2,4,8,16,16	(0,0,0,0)(1,1,1,1)(1,1,1,1)
1,2,4,8,16,16,16	(0,0,0,0)(1,1,1,1)(1,1,1,1)(1,1,1,1)
1,2,4,8,16,17	(0,0,0,0)(1,1,1,1)(2,0,0,0)
1,2,4,8,16,18	(0,0,0,0)(1,1,1,1)(2,1,0,0)
1,2,4,8,16,18,7,12,21	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,0,10,10,1,12,21	- (1,1,0,0)(2,2,1,1)
1,2,4,8,16,18,7,12,21,23	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,0,10,10,1,12,21,20	- (1,1,0,0)(2,2,1,1)(3,1,0,0)
1,2,4,8,16,18,8	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
1,2,4,0,10,10,0	- (2,2,1,1)(3,1,0,0)(2,2,1,0)
	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,8,16,18,8,16,18	- (1,1,0,0)(2,2,1,1)(3,1,0,0) -
	- (2,2,1,0)(3,3,2,1)(4,1,0,0)
1,2,4,8,16,18,16	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
1,2,4,0,10,10,10	- (2,2,1,1)(3,1,0,0)(2,2,1,1)
1,2,4,8,16,18,22	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,0,10,10,22	- (1,1,0,0)(2,2,1,1)(3,1,1,0)
1,2,4,8,16,18,22,28	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
1,2,1,0,10,10,22,20	- (2,2,1,1)(3,1,1,0)(4,2,1,0)
1,2,4,8,16,18,22,29	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
	- (2,2,1,1)(3,1,1,0)(4,2,2,0)
1,2,4,8,16,18,22,30	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,0,0) -
	- (2,2,1,1)(3,1,1,0)(4,2,2,1)

Y 序列	BMS
1 2 4 9 16 19	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,8,16,18,	- (1,1,0,0)(2,2,1,1)(3,1,1,0) -
22,30,32,36,44	- (4,2,2,1)(5,1,1,0)(6,2,2,1)
1,2,4,8,16,19,8	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0)
1,2,4,8,16,19,8,16,8	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,1,0,10,10,0,10,0	- (1,1,1,0)(2,2,2,1)(3,1,0,0)
1,2,4,8,16,-	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
-19,8,16,19,8	- (2,2,2,1)(3,1,0,0)(1,1,1,0)
1,2,4,8,16,19,9	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,0,10,13,3	- (2,2,2,1)(3,1,0,0)(2,0,0,0)
1,2,4,8,16,19,16	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,0,10,13,10	- (2,2,2,1)(3,1,0,0)(2,2,2,1)
	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,8,16,19,16,19,16	-(1,1,1,0)(2,2,2,1)(3,1,0,0) -
	- (2,2,2,1)(3,1,0,0)(2,2,2,1)
1,2,4,8,16,19,17	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,0,10,19,17	- (2,2,2,1)(3,1,0,0)(3,0,0,0)
1,2,4,8,16,19,18	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,0,10,19,10	- (2,2,2,1)(3,1,0,0)(3,1,0,0)
1 2 4 0 16 10 10 0	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,8,16,19,19,8	-(2,2,2,1)(3,1,0,0)(3,1,0,0)(1,1,1,0)
1,2,4,8,16,19,19,9	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,0,10,19,19,9	-(2,2,2,1)(3,1,0,0)(3,1,0,0)(2,2,2,1)
1,2,4,8,16,19,23	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,0,10,19,23	- (2,2,2,1)(3,1,0,0)(4,2,0,0)
1 2 4 8 16 10 24	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,8,16,19,24	- (2,2,2,1)(3,1,0,0)(4,2,1,0)
1 2 4 8 16 10 24 37	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,8,16,19,24,37	- (2,2,2,1)(3,1,0,0)(4,2,1,1)
1,2,4,8,16,20	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,0,10,20	- (1,1,1,0)(2,2,2,1)(3,1,1,0)
1,2,4,8,16,20,26	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,0,10,20,20	- (2,2,2,1)(3,1,1,0)(4,2,1,0)
1,2,4,8,16,20,27	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,0,10,20,21	- (2,2,2,1)(3,1,1,0)(4,2,2,0)
1,2,4,8,16,20,28	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
1,2,4,0,10,20,20	- (2,2,2,1)(3,1,1,0)(4,2,2,1)
	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,8,16,20,28,32,40	- (1,1,1,0)(2,2,2,1)(3,1,1,0) -
	- (4,2,2,1)(5,1,1,0)(6,2,2,1)

Y 序列	BMS
1,2,4,8,16,21	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
-,-,-,-,	- (1,1,1,0)(2,2,2,1)(3,2,0,0)
1,2,4,8,16,21,15	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,0) -
	- (2,2,2,1)(3,2,0,0)(2,2,2,0)
1,2,4,8,16,21,16	(0,0,0,0)(1,1,1,1)(2,1,0,0)(1,1,1,1)
1,2,4,8,16,21,16,21,16	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,0,10,21,10,21,10	-(1,1,1,1)(2,1,0,0)(1,1,1,1)
1,2,4,8,16,21,21,16	(0,0,0,0)(1,1,1,1)(2,1,0,0) -
1,2,4,0,10,21,21,10	- (2,1,0,0)(1,1,1,1)
1,2,4,8,16,21,27	(0,0,0,0)(1,1,1,1)(2,1,0,0)(3,2,0,0)
1,2,4,8,16,22	(0,0,0,0)(1,1,1,1)(2,1,1,0)
1,2,4,8,16,22,8,16	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,2,4,0,10,22,0,10	- (1,1,1,0)(2,2,2,1)
1,2,4,8,16,22,8,16,20	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,2,4,0,10,22,0,10,20	- (1,1,1,0)(2,2,2,1)(3,1,1,0)
1,2,4,8,16,	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
22,8,16,20,28	- (2,2,2,1)(3,1,1,0)(4,2,2,1)
1,2,4,8,16,22,8,16,21	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
	- (1,1,1,0)(2,2,2,1)(3,2,0,0)
1,2,4,8,16,22,8,16,22	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
,,_,_,_,_,_,_,_	- (1,1,1,0)(2,2,2,1)(3,2,1,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,2,4,8,16,22,14,24,32	- (1,1,1,0)(2,2,2,1)(3,2,1,0) -
	- (2,2,1,0)(3,3,2,1)(4,3,1,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,2,4,8,16,22,15,27	- (1,1,1,0)(2,2,2,1)(3,2,1,0) -
	- (2,2,2,0)(3,3,3,1)(4,3,1,0)
1,2,4,8,16,22,16	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
	- (2,2,2,1)(3,2,1,0)(2,2,2,1)
1,2,4,8,16,22,22,16	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
	- (2,2,2,1)(3,2,1,0)(3,2,1,0)(2,2,2,1)
1,2,4,8,16,22,23	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
	- (2,2,2,1)(3,2,1,0)(4,0,0,0)
1,2,4,8,16,22,28,16	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - (2,2,2,1)(3,2,1,0)(4,2,1,0)(2,2,2,1)
	$ \begin{array}{c c} -(2,2,2,1)(3,2,1,0)(4,2,1,0)(2,2,2,1) \\ \hline (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \end{array} $
1,2,4,8,16,22,30	-(2,2,2,1)(3,2,1,0)(4,3,1,0)
	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
1,2,4,8,16,22,31	-(2,2,2,1)(3,2,1,0)(4,3,2,0)
	(2,2,2,1)(0,2,1,0)(4,0,2,0)

$\begin{array}{c} 1,2,4,8,16,22,32 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -\\ & - (2,2,2,1)(3,2,1,0)(4,3,2,1) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) -\\ & - (1,1,1,0)(2,2,2,1)(3,2,1,0) -\\ & - (4,3,2,1)(5,4,1,0)(6,5,2,1) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) -\\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) -\\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) -\\ & - (2,2,1,0)(3,3,2,1)(4,3,2,0) -\\ & - (2,2,1,0)(3,3,2,1)(4,3,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -\\ & - (2,2,2,1)(3,2,2,0)(2,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) -\\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) -\\ & - (2,2,2,0)(3,3,3,1)(4,3,3,0) \\ & 1,2,4,8,16,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) -\\ & - (1,1,1,1)(2,1,1,0) \\ & 1,2,4,8,16,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) -\\ & - (1,1,1,1)(2,1,1,0) & \\ & 1,2,4,8,16,23,20 & (0,0,0,0)(1,1,1,1)(2,1,1,0) -\\ & - (1,1,1,1)(2,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) -\\ & - (2,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,0,0,1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,0,1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,0,1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,0,1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,0,1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,0,1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,0,1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,0,1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,0,1,1,1,1)(2,1,1,0)(3,2,1,0) -\\ & (0,0,0,0,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1$	Y 序列	BMS
$\begin{array}{c} -(2,2,2,1)(3,2,1,0)(4,3,2,1) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,1,0) - \\ -(4,3,2,1)(5,4,1,0)(6,5,2,1) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,2,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ -(2,2,1,0)(3,3,2,1)(4,3,2,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ -(2,2,1,0)(3,3,2,1)(4,3,2,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ -(2,2,2,1)(3,2,2,0)(2,2,2,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(2,2,2,0)(3,3,3,1)(4,3,3,0) \\ 1,2,4,8,16,23,15 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(2,2,2,0)(3,3,3,1)(4,3,3,0) \\ 1,2,4,8,16,23,16 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,20 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) - \\ -(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,32 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \end{array}$	1 9 4 0 16 99 99	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
$\begin{array}{c} 1,2,4,8,16,22,32,40 \\ & - (1,1,1,0)(2,2,2,1)(3,2,1,0) - \\ & - (4,3,2,1)(5,4,1,0)(6,5,2,1) \\ \hline \\ 1,2,4,8,16,23 \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) \\ \hline \\ 1,2,4,8,16,23,14,24,23 \\ & - (2,2,1,0)(3,3,2,1)(4,3,2,0) \\ \hline \\ 1,2,4,8,16,23,15 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ & - (2,2,2,1)(3,2,2,0)(2,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ & - (2,2,2,1)(3,2,2,0)(2,2,2,0) \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (2,2,2,0)(3,3,3,1)(4,3,3,0) \\ \hline \\ 1,2,4,8,16,23,16 \\ \hline \\ 1,2,4,8,16,23,16,23,16 \\ \hline \\ 1,2,4,8,16,23,23 \\ \hline \\ 1,2,4,8,16,23,23,16 \\ \hline \\ 1,2,4,8,16,23,23,16 \\ \hline \\ 1,2,4,8,16,23,30,16 \\ \hline \\ 1,2,4,8,16,23,30,16 \\ \hline \\ 1,2,4,8,16,23,30,16 \\ \hline \\ 1,2,4,8,16,23,32 \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) - \\ & - (2,1,1,0)(1,1,1,1) \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (2,1,1,0)(1,1,1,1) \\ \hline \\ 1,2,4,8,16,23,32 \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \hline \\ 1,2,4,8,16,23,33 \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \hline \\ (0,0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \hline \\ (0,0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \hline \\ (0,0,0,0,0)(1,1,1,1,0)(2,1,1,0)(3,2,1,0) - \\ \hline \\ (0,0,0,0,0)(1,1,1,1,0)(2,1,1,0)(3,2$	1,2,4,8,10,22,32	- (2,2,2,1)(3,2,1,0)(4,3,2,1)
$\begin{array}{c} -(4,3,2,1)(5,4,1,0)(6,5,2,1) \\ 1,2,4,8,16,23 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ -(2,2,1,0)(3,3,2,1)(4,3,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ -(2,2,1,0)(3,3,2,1)(4,3,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ -(2,2,2,1)(3,2,2,0)(2,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ -(2,2,2,0)(3,3,3,1)(4,3,3,0) \\ & 1,2,4,8,16,23,16 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,16,23 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,23,16 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(2,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,32 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \end{array}$		(0,0,0,0)(1,1,1,1)(2,1,1,0) -
$\begin{array}{c} 1,2,4,8,16,23 & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ & - (2,2,1,0)(3,3,2,1)(4,3,2,0) \\ & - (2,2,1,0)(3,3,2,1)(4,3,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ & - (2,2,2,1)(3,2,2,0)(2,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (2,2,2,1)(3,2,2,0)(2,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (2,2,2,0)(3,3,3,1)(4,3,3,0) \\ & 1,2,4,8,16,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,16,23 & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,1)(2,1,1,0) & \\ & 1,2,4,8,16,23,23 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) \\ & 1,2,4,8,16,23,30,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (2,1,1,0)(1,1,1,1) & \\ & 1,2,4,8,16,23,32 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ & 1,2,4,8,16,23,32 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ & 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ & & \\ & 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ & & \\ & 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ & \\ & 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ & \\ & 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ & \\ & 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\$	1,2,4,8,16,22,32,40	- (1,1,1,0)(2,2,2,1)(3,2,1,0) -
$\begin{array}{c} 1,2,4,8,16,23 \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ & - (2,2,1,0)(3,3,2,1)(4,3,2,0) \\ & - (2,2,1,0)(3,3,2,1)(4,3,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ & - (2,2,2,1)(3,2,2,0)(2,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ & - (2,2,2,0)(3,3,3,1)(4,3,3,0) \\ & 1,2,4,8,16,23,16 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,16,20 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,1)(2,1,1,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,1)(2,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,20 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) \\ & 1,2,4,8,16,23,23,16 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) - \\ & - (2,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,30,16 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ & - (3,1,1,0)(1,1,1,1) \\ & 1,2,4,8,16,23,33 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ & - (3,1,1,0)(3,2,1,0) - \\ \end{array}$		- (4,3,2,1)(5,4,1,0)(6,5,2,1)
$\begin{array}{c} -(1,1,1,0)(2,2,2,1)(3,2,2,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ -(2,2,1,0)(3,3,2,1)(4,3,2,0) \\ \end{array}$ $1,2,4,8,16,23,15 \\ -(2,2,1)(3,2,2,0)(2,2,2,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ -(2,2,2,1)(3,2,2,0)(2,2,2,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ -(2,2,2,0)(3,3,3,1)(4,3,3,0) \\ \end{array}$ $1,2,4,8,16,23,16 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,16 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,20 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) - \\ -(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,23,16 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(2,1,1,0)(1,1,1,1) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(3,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,32 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \end{array}$	1 2 4 8 16 22	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
$\begin{array}{c} 1,2,4,8,16,23,14,24,23 \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ & - (2,2,1,0)(3,3,2,1)(4,3,2,0) \\ \hline \\ 1,2,4,8,16,23,15 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ & - (2,2,2,1)(3,2,2,0)(2,2,2,0) \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ & - (2,2,2,0)(3,3,3,1)(4,3,3,0) \\ \hline \\ 1,2,4,8,16,23,16 \\ \hline \\ 1,2,4,8,16,23,16,20 \\ \hline \\ 1,2,4,8,16,23,16,23 \\ \hline \\ 1,2,4,8,16,23,16 \\ \hline \\ 1,2,4,8,16,23,16 \\ \hline \\ 1,2,4,8,16,23,20 \\ \hline \\ 1,2,4,8,16,23,20 \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,1)(2,1,1,0)(1,1,1,1) \\ \hline \\ 1,2,4,8,16,23,23,16 \\ \hline \\ 1,2,4,8,16,23,30,16 \\ \hline \\ 1,2,4,8,16,23,30,16 \\ \hline \\ 1,2,4,8,16,23,32 \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (3,1,1,0)(1,1,1,1) \\ \hline \\ 1,2,4,8,16,23,32 \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \hline \\ (0,0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \hline \\ (0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \hline \\ (0,$	1,2,4,0,10,23	-(1,1,1,0)(2,2,2,1)(3,2,2,0)
$\begin{array}{c} -(2,2,1,0)(3,3,2,1)(4,3,2,0) \\ 1,2,4,8,16,23,15 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) - \\ -(2,2,2,1)(3,2,2,0)(2,2,2,0) \\ \hline (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ -(2,2,2,0)(3,3,3,1)(4,3,3,0) \\ \hline 1,2,4,8,16,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,16,20 & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0) & \\ 1,2,4,8,16,23,20 & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ \hline 1,2,4,8,16,23,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(2,1,1,0)(1,1,1,1) & \\ 1,2,4,8,16,23,30,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(3,1,1,0)(1,1,1,1) & \\ 1,2,4,8,16,23,32 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ \hline 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \hline \end{array}$		(0,0,0,0)(1,1,1,1)(2,1,1,0) -
$\begin{array}{c} 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15,27,38 \\ 1,2,4,8,16,23,15,27,38 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,20 \\ 1,2,4,8,16,23,20 \\ 1,2,4,8,16,23,20 \\ 1,2,4,8,16,23,20 \\ 1,2,4,8,16,23,20 \\ 1,2,4,8,16,23,20 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,32 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 \\ 1,2,4,8,16,23,15 $	1,2,4,8,16,23,14,24,23	- (1,1,1,0)(2,2,2,1)(3,2,2,0) -
$\begin{array}{c} 1,2,4,8,16,23,15 \\ & - (2,2,2,1)(3,2,2,0)(2,2,2,0) \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ & - (2,2,2,0)(3,3,3,1)(4,3,3,0) \\ \\ 1,2,4,8,16,23,16 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ \\ 1,2,4,8,16,23,16,20 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,1)(2,1,1,0) \\ \\ 1,2,4,8,16,23,16,23,16 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (1,1,1,1)(2,1,1,0)(1,1,1,1) \\ \\ 1,2,4,8,16,23,20 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) \\ \\ 1,2,4,8,16,23,23,16 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ & - (2,1,1,0)(1,1,1,1) \\ \\ 1,2,4,8,16,23,30,16 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ \\ 1,2,4,8,16,23,32 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ \\ 1,2,4,8,16,23,33 \\ & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \end{array}$		- (2,2,1,0)(3,3,2,1)(4,3,2,0)
$\begin{array}{c} -(2,2,2,1)(3,2,2,0)(2,2,2,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,0)(2,2,2,1)(3,2,2,0) - \\ -(2,2,2,0)(3,3,3,1)(4,3,3,0) \\ \\ 1,2,4,8,16,23,16 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,16,20 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0) \\ \\ 1,2,4,8,16,23,16,23,16 \\ \\ 1,2,4,8,16,23,20 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) - \\ -(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ \\ 1,2,4,8,16,23,23,16 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(2,1,1,0)(1,1,1,1) \\ \\ 1,2,4,8,16,23,30,16 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(3,1,1,0)(1,1,1,1) \\ \\ 1,2,4,8,16,23,32 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ \\ 1,2,4,8,16,23,33 \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \end{array}$	1 2 4 8 16 23 15	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,0) -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,0,10,20,10	- (2,2,2,1)(3,2,2,0)(2,2,2,0)
$\begin{array}{c} -(2,2,2,0)(3,3,3,1)(4,3,3,0) \\ 1,2,4,8,16,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,16,20 & (0,0,0,0)(1,1,1,1)(2,1,1,0) \\ 1,2,4,8,16,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) \\ 1,2,4,8,16,23,20 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) \\ 1,2,4,8,16,23,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) \\ 1,2,4,8,16,23,33,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) \\ 1,2,4,8,16,23,30,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) \\ 1,2,4,8,16,23,32 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ \end{array}$		(0,0,0,0)(1,1,1,1)(2,1,1,0) -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,16,23,15,27,38	- (1,1,1,0)(2,2,2,1)(3,2,2,0) -
$\begin{array}{c} 1,2,4,8,16,23,16,20 \\ 1,2,4,8,16,23,16,23,16 \\ 1,2,4,8,16,23,16,23,16 \\ 1,2,4,8,16,23,20 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,32 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,10 \\ 1,2,4,8,16,23,10 \\ 1,2,4,8,16,23,10 \\ 1,2,4,8,16,23,10 \\ 1,2,4,8,16,23,10 \\ 1,2,4,8,16,23,10 \\ 1,2,4,8,16,$		- (2,2,2,0)(3,3,3,1)(4,3,3,0)
$\begin{array}{c} 1,2,4,8,16,23,16,20 \\ 1,2,4,8,16,23,16,23,16 \\ 1,2,4,8,16,23,20 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,16 \\ 1$	1,2,4,8,16,23,16	(0,0,0,0)(1,1,1,1)(2,1,1,0)(1,1,1,1)
$\begin{array}{c} -(1,1,1,1)(2,1,1,0) \\ 1,2,4,8,16,23,16 \\ 1,2,4,8,16,23,20 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,16,16,16,16,16,16,16,16,16,16,16,16,16,$	1,2,4,8,16,23,16,20	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
$\begin{array}{c} 1,2,4,8,16,23,16\\ 1,2,4,8,16,23,20\\ 1,2,4,8,16,23,20\\ 1,2,4,8,16,23,23,16\\ 1,2,4,8,16,23,30,16\\ 1,2,4,8,16,23,30,16\\ 1,2,4,8,16,23,32\\ 1,2,4,8,16,23,32\\ 1,2,4,8,16,23,32\\ 1,2,4,8,16,23,33\\ 1,2,4,8,16,23,23\\ 1,2,4,8,16,23,23\\ 1,2,4,8,16,23,23\\ 1,2,4,8,16,23,23\\ 1,2,4,8,16,23,23\\ 1,2,4,8,16,23,$		- (1,1,1,1)(2,1,1,0)
$ \begin{array}{c} -(1,1,1,1)(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,20 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0) \\ 1,2,4,8,16,23,23,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,30,16 & (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(3,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,32 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ 1,2,4,8,16,23,33 & (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \end{array} $	1,2,4,8,16,23,16,23,16	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
$ \begin{array}{c} 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,32 \\ 1,2,4,8,16,23,33 \\ 1,2,4,8,16,23,33 \\ \end{array} \begin{array}{c} (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(3,1,1,0)(1,1,1,1) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \end{array}$		- (1,1,1,1)(2,1,1,0)(1,1,1,1)
$\begin{array}{c} 1,2,4,8,16,23,23,16 \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,32 \\ 1,2,4,8,16,23,32 \\ 1,2,4,8,16,23,33 \\ \end{array} \begin{array}{c} -(2,1,1,0)(1,1,1,1) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0) \\ -(3,1,1,0)(1,1,1,1) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(3,2,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0)(2,1,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,0) \\ -(0,0,0,0)(1,1,1,1,1)(2,1,1,1) \\ -(0,0,0,0)$	1,2,4,8,16,23,20	(0,0,0,0)(1,1,1,1)(2,1,1,0)(2,1,1,0)
$ \begin{array}{c} -(2,1,1,0)(1,1,1,1) \\ 1,2,4,8,16,23,30,16 \\ 1,2,4,8,16,23,32 \\ 1,2,4,8,16,23,33 \\ \end{array} \begin{array}{c} (0,0,0,0)(1,1,1,1)(2,1,1,0) - \\ -(3,1,1,0)(1,1,1,1) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) - \\ \end{array}$	1 2 4 8 16 23 23 16	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
$\begin{array}{c} 1,2,4,8,16,23,30,16 \\ \hline \\ 1,2,4,8,16,23,32 \\ \hline \\ 1,2,4,8,16,23,32 \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ \hline \\ (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) \\ \hline \\ \end{array}$	1,2,4,0,10,20,20,10	- (2,1,1,0)(1,1,1,1)
$- (3,1,1,0)(1,1,1,1)$ $1,2,4,8,16,23,32 \qquad (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0)$ $1,2,4,8,16,23,33 \qquad (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -$	1 2 4 8 16 23 30 16	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -		- (3,1,1,0)(1,1,1,1)
1.2.4.8.16.23.33	1,2,4,8,16,23,32	(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0)
1,2,4,0,10,20,00	1 2 4 8 16 23 33	(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,1,0) -
-(1,1,1,0)(2,2,2,1)(3,2,2,0)(4,3,2,0)	1,2,4,0,10,25,55	-(1,1,1,0)(2,2,2,1)(3,2,2,0)(4,3,2,0)
(0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,0) - (0,0,0,0)(1,1,1,1,1)(2,1,1,1)(2,1,1,1) - (0,0,0,0,0)(1,1,1,1,1)(2,	1 2 4 8 16 23 33 16	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
- (3,2,1,0)(1,1,1,1)	1,4,4,0,10,40,30,10	
$1,2,4,8,16,23,33,46,16 \qquad (0,0,0,0)(1,1,1,1)(2,1,1,0) -$	1.2.4.8.16.23.33.46.16	
-(3,2,1,0)(4,3,1,0)(1,1,1,1)	1,2,4,0,10,23,33,40,10	- (3,2,1,0)(4,3,1,0)(1,1,1,1)
$1,2,4,8,16,23,34 \qquad (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,2,0)$	1,2,4,8,16,23,34	(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,2,0)
1,2,4,8,16,23,34,50 (0,0,0,0)(1,1,1,1)(2,1,1,0) -	1 2 4 8 16 23 34 50	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
- (3,2,2,0)(4,3,3,0)	1,2,4,0,10,20,04,00	- (3,2,2,0)(4,3,3,0)
$1,2,4,8,16,23,35 \qquad (0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,2,1)$	1,2,4,8,16,23,35	(0,0,0,0)(1,1,1,1)(2,1,1,0)(3,2,2,1)
(0,0,0,0)(1,1,1,1)(2,1,1,0) -	1 2 / 8 16 22 25 25	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
$\begin{array}{c} 1,2,4,8,10,23,33,33 \\ - (3,2,2,1)(3,2,2,1) \end{array}$	1,2,4,8,16,23,35,35	- (3,2,2,1)(3,2,2,1)

Y 序列	BMS
1,2,4,8,16,23,35,42,16	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
,,_,_,_,_,_,_,_,_	- (3,2,2,1)(4,1,1,0)(1,1,1,1)
1,2,4,8,16,23,35,45,16	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,2,1,0,10,20,00,10,10	- (3,2,2,1)(4,2,1,0)(1,1,1,1)
1,2,4,8,16,23,35,46	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
1,2,1,0,10,20,00,10	- (3,2,2,1)(4,2,2,0)
1,2,4,8,16,23,35,46,63	(0,0,0,0)(1,1,1,1)(2,1,1,0) -
,,_,_,_,,_,,,,,,,,,,,,,,,,,,,,,,,,,,,	- (3,2,2,1)(4,2,2,0)(5,3,3,1)
1,2,4,8,16,24	(0,0,0,0)(1,1,1,1)(2,1,1,1)
1,2,4,8,16,24,16,24	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,2,4,0,10,24,10,24	- (1,1,1,1)(2,1,1,1)
1,2,4,8,16,24,20	(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,0)
1,2,4,8,16,24,23,16,24	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,2,4,0,10,24,20,10,24	- (2,1,1,0)(1,1,1,1)(2,1,1,1)
1,2,4,8,16,24,23,30,16,24	(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,0) -
1,2,4,0,10,24,25,50,10,24	- (3,1,1,0)(1,1,1,1)(2,1,1,1)
1,2,4,8,16,24,23,33,16,24	(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,0) -
1,2,4,0,10,24,20,00,10,24	- (3,2,1,0)(1,1,1,1)(2,1,1,1)
1,2,4,8,16,24,23,34	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,2,1,0,10,21,20,01	- (2,1,1,0)(3,2,2,0)
1,2,4,8,16,24,23,35	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,2,1,0,10,21,20,00	- (2,1,1,0)(3,2,2,1)
1,2,4,8,16,24,23,35,47	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,2,1,0,10,21,20,00,11	- (2,1,1,0)(3,2,2,1)(4,2,2,1)
1,2,4,8,16,24,24	(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,1,1)
1,2,4,8,16,24,25	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,0,0,0)
1,2,4,8,16,24,26	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,0,0)
1 0 4 0 10 04 07 10	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,2,4,8,16,24,27,16	- (3,1,0,0)(1,1,1,1)
1,2,4,8,16,24,27,16,24	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,2,4,0,10,24,21,10,24	- (3,1,0,0)(1,1,1,1)(2,1,1,1)
1,2,4,8,16,24,17,16,24,26	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,2,1,0,10,21,11,10,21,20	- (3,1,0,0)(1,1,1,1)(2,1,1,1)(3,1,0,0)
1,2,4,8,16,24,27,17	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
-,	- (3,1,0,0)(2,0,0,0)
1,2,4,8,16,24,27,18	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
	- (3,1,0,0)(2,1,0,0)

1,2,4,8,16,24,27,19	
- (3,1,0,0)(2,1,1,0	1,1) -
)
1,2,4,8,16,24, (0,0,0,0)(1,1,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1	(3,1,0,0) -
27,23,16,24,27,18 - (2,1,1,0)(1,1,1,1)(2,1,1,1))(3,1,0,0)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,1) -
- (3,1,0,0)(2,1,1,0)(2,0,0)(0,0,0)
1,2,4,8,16,24, (0,0,0,0)(1,1,1,1)(2,1,1)	1,1) -
$\begin{array}{c} -(3,1,0,0)(2,1,1,0)(3,2) \\ 27,23,33,16,24,26 \end{array}$,1,0) -
- (1,1,1,1)(2,1,1,1)(3,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,0,0)
$1,2,4,8,16,24,27,23,34 \qquad (0,0,0,0)(1,1,1,1)(2,1,1)(1,1,1,1)(1,1$	1,1) -
- (3,1,0,0)(2,1,1,0)(3,2,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,	2,2,0)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,1) -
- (3,1,0,0)(2,1,1,0)(3,2,0,0)(2,1,1,0)(3,2,0,0)(2,1,0,0)(2,0,0)	(2,2,1)
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$,2,1) -
$\begin{array}{c} 23,35,47,50,36 \\ -(4,2,2,1)(5,2,0,0)(4,0) \end{array}$	(0,0,0)
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
1,2,4,8,16,24,27,24 - (3,1,0,0)(2,1,1,1))
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$)
$1,2,4,8,16,24,28 \qquad (0,0,0,0)(1,1,1,1)(2,1,1,1)$	(3,1,1,0)
(0,0,0,0)(1,1,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)	(3,1,1,0) -
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$)(4,2,2,0)
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$)
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,1,1)
1,2,4,8,16, $(0,0,0,0)(1,1,1,1)(2,1,1)(2,1,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,1)(2,1,$	(3,1,1,0) -
24,31,16,24,28 $-(1,1,1,1)(2,1,1,1)(3,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1$	1,1,0)
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$)
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$)
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
$\begin{array}{c} 1,2,4,8,16,24,31,20 \\ & - (3,1,1,0)(2,1,1,0) \end{array}$)
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
1,2,4,8,16,24,31,23,16 - (3,1,1,0)(2,1,1,0)(1,1,0	1,1,1)
(0,0,0,0)(1,1,1,1)(2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	1,1) -
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$,1,1) -
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	(0,0,0)

Y 序列	BMS
1,2,4,8,16,24,31,23,31	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
	$ \begin{array}{c} -(3,1,1,0)(2,1,1,0)(3,2,0,0) \\ \hline (0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,1,0) - \end{array} $
1,2,4,8,16,24,	-(2,1,1,0)(3,2,1,0)(1,1,1,1) -
31,23,33,16,24,31,17	- (2,1,1,1)(3,1,1,0)(2,0,0,0)
1,2,4,8,16,24,31,23,34	(0,0,0,0)(1,1,1,1)(2,1,1,1) -
1,2,4,0,10,24,01,20,04	- (3,1,1,0)(2,1,1,0)(3,2,2,0)
1,2,4,8,16,24,31,24	(0,0,0,0)(1,1,1,1)(2,1,1,1)
	- (3,1,1,0)(2,1,1,1)
1,2,4,8,16,24,32	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,1,1)
1,2,4,8,16,26	(0,0,0,0)(1,1,1,1)(2,2,1,0)
1,2,4,8,16,27	(0,0,0,0)(1,1,1,1)(2,2,1,0) -
, , , , ,	- (1,1,1,0)(2,2,2,1)(3,3,2,0)
1,2,4,8,16,27,16	(0,0,0,0)(1,1,1,1)(2,2,1,0)(1,1,1,1)
1,2,4,8,16,28	(0,0,0,0)(1,1,1,1)(2,2,1,1)
1,2,4,8,16,28,44	(0,0,0,0)(1,1,1,1)(2,2,1,1)(3,3,1,1)
1,2,4,8,16,28,44,64	(0,0,0,0)(1,1,1,1)(2,2,1,1) -
	- (3,3,1,1)(4,4,1,1)
1,2,4,8,16,29	(0,0,0,0)(1,1,1,1)(2,2,2,0)
1,2,4,8,16,31	(0,0,0,0)(1,1,1,1)(2,2,2,2)
1,2,4,8,16,31,57	(0,0,0,0)(1,1,1,1)(2,2,2,2)(3,3,3,3)
1,2,4,8,16,32	(0,0,0,0,0)(1,1,1,1,1)
1,2,4,8,16,32,48	(0,0,0,0,0)(1,1,1,1,1)(2,1,1,1,1)
1,2,4,8,16,32,56	(0,0,0,0,0)(1,1,1,1,1)(2,2,1,1,1)
1,2,4,8,16,32,60	(0,0,0,0,0)(1,1,1,1,1)(2,2,2,1,1)
1,2,4,8,16,32,61	(0,0,0,0,0)(1,1,1,1,1)(2,2,2,2,0)
1,2,4,8,16,32,62	(0,0,0,0,0)(1,1,1,1,1)(2,2,2,2,1)
1,2,4,8,16,32,63	(0,0,0,0,0)(1,1,1,1,1)(2,2,2,2,2)
1,2,4,8,16,32,64	(0,0,0,0,0,0)(1,1,1,1,1,1)
1,2,4,8,16,32,64,128	(0,0,0,0,0,0,0)(1,1,1,1,1,1,1)
1,2,4,8,16,32,64,128,256	(0,0,0,0,0,0,0,0)(1,1,1,1,1,1,1,1)

A.21 Y 序列 vs 0-Y

本节的结果主要引自[2]。

Y 序列	0-Y 序列
1	1
1,1	1,1
1,1,1	1,1,1
1,1,1,1	1,1,1,1
1,2	1,2
1,2,1	1,2,1
1,2,1,1	1,2,1,1
1,2,1,2	1,2,1,2
1,2,1,2,1	1,2,1,2,1
1,2,1,2,1,2	1,2,1,2,1,2
1,2,2	1,2,2
1,2,2,1	1,2,2,1
1,2,2,1,2	1,2,2,1,2
1,2,2,1,2,2	1,2,2,1,2,2
1,2,2,2	1,2,2,2
1,2,2,2,2	1,2,2,2,2
1,2,3	1,2,3
1,2,3,1	1,2,3,1
1,2,3,1,2	1,2,3,1,2
1,2,3,1,2,3	1,2,3,1,2,3
1,2,3,2	1,2,3,2
1,2,3,2,2	1,2,3,2,2
1,2,3,2,3	1,2,3,2,3
1,2,3,2,3,2	1,2,3,2,3,2

Y序列	0-Y 序列
1,2,3,2,3,2,3	1,2,3,2,3,2,3
1,2,3,3	1,2,3,3
1,2,3,3,2	1,2,3,3,2
1,2,3,3,2,3	1,2,3,3,2,3
1,2,3,3,2,3,3	1,2,3,3,2,3,3
1,2,3,3,3	1,2,3,3,3
1,2,3,3,3,3	1,2,3,3,3,3
1,2,3,4	1,2,3,4
1,2,3,4,2	1,2,3,4,2
1,2,3,4,2,3,4	1,2,3,4,2,3,4
1,2,3,4,3	1,2,3,4,3
1,2,3,4,3,4	1,2,3,4,3,4
1,2,3,4,4	1,2,3,4,4
1,2,3,4,5	1,2,3,4,5
1,2,3,4,5,4	1,2,3,4,5,4
1,2,3,4,5,4,5	1,2,3,4,5,4,5
1,2,3,4,5,5	1,2,3,4,5,5
1,2,3,4,5,6	1,2,3,4,5,6
1,2,3,4,5,6,7	1,2,3,4,5,6,7
1,2,4	1,3
1,2,4,1	1,3,1
1,2,4,1,2	1,3,1,2
1,2,4,1,2,3	1,3,1,2,3
1,2,4,1,2,4	1,3,1,3
1,2,4,2	1,3,2
1,2,4,2,2	1,3,2,2

	I
Y 序列	0 – Y 序列
1,2,4,2,3	1,3,2,3
1,2,4,2,4	1,3,2,4
1,2,4,3	1,3,2,4,3
1,2,4,3,5	1,3,2,4,3,5
1,2,4,3,5,4,6	1,3,2,4,3,5,4,6
1,2,4,4	1,3,3
1,2,4,4,1,2,4,4	1,3,3,1,3,3
1,2,4,4,2	1,3,3,2
1,2,4,4,2,4,4	1,3,3,2,4,4
1,2,4,4,3	1,3,3,2,4,4,3
1,2,4,4,3,5,5	1,3,3,2,4,4,3,5,5
1,2,4,4,4	1,3,3,3
1,2,4,4,4,4	1,3,3,3,3
1,2,4,5	1,3,4
1,2,4,5,2	1,3,4,2
1,2,4,5,2,4,5	1,3,4,2,4,5
1,2,4,5,3	1,3,4,2,4,5,3
1,2,4,5,3,5,6	1,3,4,2,4,5,3,5,6
1,2,4,5,4	1,3,4,3
1,2,4,5,4,4	1,3,4,3,3
1,2,4,5,4,5	1,3,4,3,4
1,2,4,5,4,5,4,5	1,3,4,3,4,3,4
1,2,4,5,5	1,3,4,4
1,2,4,5,5,4,5	1,3,4,4,3,4
1,2,4,5,5,4,5,5	1,3,4,4,3,4,4
1,2,4,5,5,5	1,3,4,4,4

Y 序列	0 – Y 序列
1,2,4,5,5,5,5	1,3,4,4,4,4
1,2,4,5,6	1,3,4,5
1,2,4,5,6,7	1,3,4,5,6
1,2,4,5,7	1,3,4,6
1,2,4,5,7,7	1,3,4,6,6
1,2,4,5,7,8	1,3,4,6,7
1,2,4,5,7,8,10	1,3,4,6,7,9
1,2,4,6	1,3,5
1,2,4,6,2	1,3,5,2
1,2,4,6,2,4,6	1,3,5,2,4,6
1,2,4,6,3	1,3,5,2,4,6,3
1,2,4,6,3,5,7	1,3,5,2,4,6,3,5,7
1,2,4,6,4	1,3,5,3
1,2,4,6,4,5	1,3,5,3,4
1,2,4,6,4,5,4	1,3,5,3,4,3
1,2,4,6,4,5,4,5	1,3,5,3,4,3,4
1,2,4,6,4,5,5	1,3,5,3,4,4
1,2,4,6,4,5,6	1,3,5,3,4,5
1,2,4,6,4,5,7	1,3,5,3,4,6
1,2,4,6,4,5,7,8	1,3,5,3,4,6,7
1,2,4,6,4,5,7,8,10	1,3,5,3,4,6,7,9
1,2,4,6,4,5,7,9	1,3,5,3,4,6,8
1,2,4,6,4,5,7,9,7	1,3,5,3,4,6,8,6
1,2,4,6,4,6	1,3,5,3,5
1,2,4,6,4,6,4,6	1,3,5,3,5,3,5
1,2,4,6,5	1,3,5,4

Y 序列	0-Y序列
1,2,4,6,5,5	1,3,5,4,4
1,2,4,6,5,6	1,3,5,4,5
1,2,4,6,5,7	1,3,5,4,6
1,2,4,6,5,7,9	1,3,5,4,6,8
1,2,4,6,5,7,9,8,10,12	1,3,5,4,6,8,7,9,11
1,2,4,6,6	1,3,5,5
1,2,4,6,6,4	1,3,5,5,3
1,2,4,6,6,4,5,7,9,9	1,3,5,5,3,4,6,8,8
1,2,4,6,6,4, 5,7,9,9,7	1,3,5,5,3,4,6,8,8,6
1,2,4,6,6,4,6	1,3,5,5,3,5
1,2,4,6,6,4, 6,5,7,9,9	1,3,5,5,3,5,4,6,8,8
1,2,4,6,6,4,	1,3,5,5,3,5,
6,5,7,9,9,7,9	4,6,8,8,6,8
1,2,4,6,6,4,6,6	1,3,5,5,3,5,5
1,2,4,6,6,5	1,3,5,5,4
1,2,4,6,6,5,7	1,3,5,5,4,6
1,2,4,6,6,5,7,8	1,3,5,5,4,6,7
1,2,4,6,6,5,7,9	1,3,5,5,4,6,8
1,2,4,6,6,5,7,9,9	1,3,5,5,4,6,8,8
1,2,4,6,6,6	1,3,5,5,5
1,2,4,6,6,6,4,6,6,6	1,3,5,5,5,3,5,5,5
1,2,4,6,6,6,5	1,3,5,5,5,4
1,2,4,6,6,6,6	1,3,5,5,5,5
1,2,4,6,7	1,3,5,6
1,2,4,6,7,2	1,3,5,6,2
1,2,4,6,7,3	1,3,5,6,2,4,6,7,3

Y 序列	0-Y 序列
1,2,4,6,7,4	1,3,5,6,3
1,2,4,6,7,4,6,7	1,3,5,6,3,5,6
1,2,4,6,7,5	1,3,5,6,4
1,2,4,6,7,5,7,9,10	1,3,5,6,4,6,8,9
1,2,4,6,7,6	1,3,5,6,5
1,2,4,6,7,6,4,6,7	1,3,5,6,5,3,5,6
1,2,4,6,7,6,4,6,7,6	1,3,5,6,5,3,5,6,5
1,2,4,6,7,6,6	1,3,5,6,5,5
1,2,4,6,7,6,7	1,3,5,6,5,6
1,2,4,6,7,7	1,3,5,6,6
1,2,4,6,7,8	1,3,5,6,7
1,2,4,6,7,8,5	1,3,5,6,7,4
1,2,4,6,7,9	1,3,5,6,8
1,2,4,6,7,9,6	1,3,5,6,8,5
1,2,4,6,7,9,6,2,4	1,3,5,6,8,5,2,4
1,2,4,6,7,9, 6,4,6,7,9	1,3,5,6,8,5,3,5,6,8
1,2,4,6,7,9, 7,4,6,7,9	1,3,5,6,8,6,3,5,6,8
1,2,4,6,7,9,9	1,3,5,6,8,8
1,2,4,6,7,9,9,9	1,3,5,6,8,8,8
1,2,4,6,7,9,10	1,3,5,6,8,9
1,2,4,6,7,9, 10,4,6,7,9	1,3,5,6,8,9,3,5,6,8
1,2,4,6,7,9,11	1,3,5,6,8,10
1,2,4,6,7,9, 11,9,10,12,14	1,3,5,6,8,10,8,9,11,13
1,2,4,6,7,9,11,11	1,3,5,6,8,10,10
1,2,4,6,7,9,11,12	1,3,5,6,8,10,11

Y 序列	0-Y 序列
1,2,4,6,7,9,11,12,12	1,3,5,6,8,10,11,11
1,2,4,6,7,9,11,12,14	1,3,5,6,8,10,11,13
1,2,4,6,7,9,11,12,14,16	1,3,5,6,8,10,11,13,15
1,2,4,6,8	1,3,5,7
1,2,4,6,8,2	1,3,5,7,2
1,2,4,6,8,2,2	1,3,5,7,2,2
1,2,4,6,8,2,3	1,3,5,7,2,3
1,2,4,6,8,2,4	1,3,5,7,2,4
1,2,4,6,8,2,4,5	1,3,5,7,2,4,5
1,2,4,6,8,2,4,5,7	1,3,5,7,2,4,5,7
1,2,4,6,8,2,4,6	1,3,5,7,2,4,6
1,2,4,6,8,2,4,6,7	1,3,5,7,2,4,6,7
1,2,4,6,8,2,4,6,7,9	1,3,5,7,2,4,6,7,9
1,2,4,6,8,2, 4,6,7,9,11	1,3,5,7,2,4,6,7,9,11
1,2,4,6,8,2,4,6,8	1,3,5,7,2,4,6,8
1,2,4,6,8,2,4,6,8,2	1,3,5,7,2,4,6,8,2
1,2,4,6,8,2,	1,3,5,7,2,4,
4,6,8,2,4,6,8	6,8,2,4,6,8
1,2,4,6,8,3	1,3,5,7,2,4,6,8,3
1,2,4,6,8,3,5,7,9	1,3,5,7,2,4, 6,8,3,5,7,9
1,2,4,6,8,4	1,3,5,7,3
1,2,4,6,8,4,2	1,3,5,7,3,2
1,2,4,6,8,4,2,4	1,3,5,7,3,2,4
1,2,4,6,8,4,2,4,6	1,3,5,7,3,2,4,6
1,2,4,6,8,4,2,4,6,8	1,3,5,7,3,2,4,6,8
1,2,4,6,8,4, 2,4,6,8,3	1,3,5,7,3,2,4,6,8,3

Y 序列	0-Y序列
1,2,4,6,8,4,	
2,4,6,8,4	1,3,5,7,3,2,4,6,8,4
1,2,4,6,8,4,4	1,3,5,7,3,3
1,2,4,6,8,4,5	1,3,5,7,3,4
1,2,4,6,8,4,5,7,9,11	1,3,5,7,3,4,6,8,10
1,2,4,6,8,4, 5,7,9,11,7	1,3,5,7,3,4,6,8,10,6
1,2,4,6,8,4,6	1,3,5,7,3,5
1,2,4,6,8,4,6,7	1,3,5,7,3,5,6
1,2,4,6,8,4,6,7,9	1,3,5,7,3,5,8
1,2,4,6,8,4,6,7,9,11	1,3,5,7,3,5,6,8,10
1,2,4,6,8,4, 6,7,9,11,13	1,3,5,7,3,5,6,8,10,12
1,2,4,6,8,4,	1,3,5,7,3,5,
6,7,9,11,13,5	6,8,10,12,4
1,2,4,6,8,4,6,7,9,	1,3,5,7,3,5,6,8,10,
11,13,5,4,6,7,9,11,13	12,4,3,5,6,8,10,12
1,2,4,6,8,4,	1,3,5,7,3,5,
6,7,9,11,13,5,5	6,8,10,12,4,4
1,2,4,6,8,4,	1,3,5,7,3,5,
6,7,9,11,13,5,6	6,8,10,12,4,5
1,2,4,6,8,4,6,	1,3,5,7,3,5,
7,9,11,13,5,7	6,8,10,12,4,6
1,2,4,6,8,4,6,7,	1,3,5,7,3,5,6,
9,11,13,5,7,9,11	8,10,12,4,6,8,10
1,2,4,6,8,4,	1,3,5,7,3,5,
6,7,9,11,13,6	6,8,10,12,5
1,2,4,6,8,4,6,7,	1,3,5,7,3,5,6,8,
9,11,13,6,7,9,11,13	10,12,5,6,8,10,12
1,2,4,6,8,4,	1,3,5,7,3,5,
6,7,9,11,13,7	6,8,10,12,6
1,2,4,6,8,4,6,7,	1,3,5,7,3,5,6,8,
9,11,13,7,9,11,13	10,12,6,8,10,12
1,2,4,6,8,4,	1,3,5,7,3,5,
6,7,9,11,13,9	6,8,10,12,8
1,2,4,6,8,4,6,7,	1,3,5,7,3,5,6,8,10,
9,11,13,9,10,12,14,16	12,8,10,11,13,15,17

Y 序列	0 – Y 序列
1,2,4,6,8,4,6,8	1,3,5,7,3,5,7
1,2,4,6,8,5	1,3,5,7,4
1,2,4,6,8,5,7,9,11	1,3,5,7,4,6,8,10
1,2,4,6,8,6	1,3,5,7,5
1,2,4,6,8,6,7	1,3,5,7,5,6
1,2,4,6,8,6,7,9	1,3,5,7,5,6,8
1,2,4,6,8,6,7,9,11,13	1,3,5,7,5,6,8,10,12
1,2,4,6,8,6,8	1,3,5,7,5,7
1,2,4,6,8,6,8,6,8	1,3,5,7,5,7,5,7
1,2,4,6,8,7	1,3,5,7,6
1,2,4,6,8,7,5	1,3,5,7,6,4
1,2,4,6,8,7,6	1,3,5,7,6,5
1,2,4,6,8,7,6,7	1,3,5,7,6,5,6
1,2,4,6,8,7,6,8	1,3,5,7,6,4
1,2,4,6,8,7,6,8,7	1,3,5,7,6,5,7
1,2,4,6,8,7,7	1,3,5,7,6,4
1,2,4,6,8,7,8	1,3,5,7,6,6
1,2,4,6,8,7,9	1,3,5,7,6,8
1,2,4,6,8,7,9,11,13	1,3,5,7,6,8,10,12
1,2,4,6,8,8	1,3,5,7,7
1,2,4,6,8,8,6	1,3,5,7,7,5
1,2,4,6,8,8,6,8	1,3,5,7,7,5,7
1,2,4,6,8,8,6,8,7	1,3,5,7,7,5,7,6
1,2,4,6,8,8,6,8,8	1,3,5,7,7,5,7,7
1,2,4,6,8,8,7	1,3,5,7,7,6
1,2,4,6,8,8,8	1,3,5,7,7,7

Y 序列	0 – Y 序列
1,2,4,6,8,8,8,6,8,8,8	1,3,5,7,7,5,7,7,7
1,2,4,6,8,8,8,7	1,3,5,7,7,7,6
1,2,4,6,8,8,8,8	1,3,5,7,7,7,7
1,2,4,6,8,9	1,3,5,7,8
1,2,4,6,8,9,8	1,3,5,7,8,7
1,2,4,6,8,9,8,9	1,3,5,7,8,7,8
1,2,4,6,8,9,9	1,3,5,7,8,8
1,2,4,6,8,9,11	1,3,5,7,8,10
1,2,4,6,8,9,11,13,15	1,3,5,7,8,10,12,14
1,2,4,6,8,9,11,13,15,16	1,3,5,7,8,10,12,14,15
1,2,4,6,8,9, 11,13,15,16,18	1,3,5,7,8,10,12,14,15,17
1,2,4,6,8,10	1,3,5,7,9
1,2,4,6,8,10,6	1,3,5,7,9,5
1,2,4,6,8,10,8	1,3,5,7,9,7
1,2,4,6,8,10,8,10	1,3,5,7,9,7,9
1,2,4,6,8,10,9	1,3,5,7,9,8
1,2,4,6,8,10,10	1,3,5,7,9,9
1,2,4,6,8,10,10,10	1,3,5,7,9,9,9
1,2,4,6,8,10,11	1,3,5,7,9,10
1,2,4,6,8,10,12	1,3,5,7,9,11
1,2,4,6,8,10,12,14	1,3,5,7,9,11,13
1,2,4,7	1,3,6
1,2,4,7,2	1,3,6,2
1,2,4,7,2,4,7	1,3,6,2,4,7
1,2,4,7,4	1,3,6,3
1,2,4,7,4,6	1,3,6,3,5

Y序列	0-Y 序列
1,2,4,7,4,6,8	1,3,6,3,5,7
1,2,4,7,4,7	1,3,6,3,6
1,2,4,7,4,7,4,7	1,3,6,3,6,3,6
1,2,4,7,5	1,3,6,4
1,2,4,7,5,5	1,3,6,4,4
1,2,4,7,5,6	1,3,6,4,5
1,2,4,7,5,7	1,3,6,4,6
1,2,4,7,5,7,10	1,3,6,4,6,9
1,2,4,7,6	1,3,6,5
1,2,4,7,6,7	1,3,6,5,6
1,2,4,7,6,8	1,3,6,5,7
1,2,4,7,6,9	1,3,6,5,8
1,2,4,7,6,9,8	1,3,6,5,8,7
1,2,4,7,6,9,8,11	1,3,6,5,8,7,10
1,2,4,7,7	1,3,6,6
1,2,4,7,7,4,7,7	1,3,6,6,3,6,6
1,2,4,7,7,5	1,3,6,6,4
1,2,4,7,7,6	1,3,6,6,5
1,2,4,7,7,6,9,9	1,3,6,6,5,8,8
1,2,4,7,7,7	1,3,6,6,6
1,2,4,7,8	1,3,6,7
1,2,4,7,8,10	1,3,6,7,9
1,2,4,7,8,10,13	1,3,6,7,9,12
1,2,4,7,9	1,3,6,8
1,2,4,7,9,7,9	1,3,6,8,6,8
1,2,4,7,9,8	1,3,6,8,7

0-Y 序列
1,3,6,8,8
1,3,6,8,11
1,3,6,9
1,3,6,9,9
1,3,6,9,10
1,3,6,9,11
1,3,6,9,11,6,9,11
1,3,6,9,11,7
1,3,6,9,11,7,9
1,3,6,9,11,8
1,3,6,9,11,8,11,14,16,13
1,3,6,9,11,9
1,3,6,9,11,9,11
1,3,6,9,11,10
1,3,6,9,11,11
1,3,6,9,11,12
1,3,6,9,11,13
1,3,6,9,11,14
1,3,6,9,11,14,17
1,3,6,9,11,14,17,19
1,3,6,9,12
1,3,6,9,12,1,3,6,9,12
1,3,6,9,12,3,6,9,12
1,3,6,9,12,5,8,11,14
1,3,6,9,12,6,9,12
1,3,6,9,12,9

Y 序列	0 – Y 序列
1,2,4,7,10,13,16	1,3,6,9,12,15
1,2,4,7,11	1,3,6,10
1,2,4,7,11,4,7,11	1,3,6,10,3,6,10
1,2,4,7,11,6,9,13	1,3,6,10,5,8,12
1,2,4,7,11,7	1,3,6,10,6
1,2,4,7,11,7,10,13	1,3,6,10,6,9,12
1,2,4,7,11,7,11	1,3,6,10,6,10
1,2,4,7,11,10,14	1,3,6,10,9,13
1,2,4,7,11,11	1,3,6,10,10
1,2,4,7,11,12	1,3,6,10,11
1,2,4,7,11,15	1,3,6,10,14
1,2,4,7,11,15,19	1,3,6,10,14,18
1,2,4,7,11,16	1,3,6,10,15
1,2,4,7,11,16,21,26	1,3,6,10,15,20,25
1,2,4,7,11,16,22	1,3,6,10,15,21
1,2,4,8	1,4
1,2,4,8,1	1,4,1
1,2,4,8,2	1,4,2
1,2,4,8,2,4,8	1,4,2,5
1,2,4,8,3	1,4,2,5,3
1,2,4,8,4	1,4,3
1,2,4,8,4,6,8	1,4,3,5,7
1,2,4,8,4,7	1,4,3,6
1,2,4,8,4,7,11	1,4,3,6,10
1,2,4,8,4,8	1,4,3,7
1,2,4,8,5	1,4,3,7,4

Y 序列	0-Y 序列
1,2,4,8,5,4,8,5	1,4,3,7,4,3,7,4
1,2,4,8,5,5	1,4,3,7,4,4
1,2,4,8,5,5,4,8,5	1,4,3,7,4,4,3,7,4
1,2,4,8,6	1,4,3,7,5
1,2,4,8,6,9	1,4,3,7,5,8
1,2,4,8,6,10	1,4,3,7,5,9
1,2,4,8,6,10,7	1,4,3,7,5,9,6
1,2,4,8,6,10,8	1,4,3,7,5,9,7
1,2,4,8,6,10,8,12	1,4,3,7,5,9,7,11
1,2,4,8,7	1,4,3,7,6
1,2,4,8,7,12	1,4,3,7,6,11
1,2,4,8,7,12,8	1,4,3,7,6,11,7
1,2,4,8,7,12,11	1,4,3,7,6,11,10
1,2,4,8,8	1,4,4
1,2,4,8,8,4	1,4,4,3
1,2,4,8,8,7	1,4,4,3,7,7,6
1,2,4,8,8,8	1,4,4,4
1,2,4,8,9	1,4,5
1,2,4,8,9,4,8,9	1,4,5,3,7,8
1,2,4,8,9,8	1,4,5,4
1,2,4,8,9,8,9	1,4,5,4,5
1,2,4,8,9,9	1,4,5,5
1,2,4,8,9,11	1,4,5,7
1,2,4,8,9,11,14	1,4,5,7,10
1,2,4,8,9,11,15	1,4,5,8
1,2,4,8,10	1,4,6

0 – Y 序列
1,4,6,3,7,9
1,4,6,3,7,9,6
1,4,6,3,7,9,6,11,13
1,4,6,3,7,9,7
1,4,6,3,7,9,9
1,4,6,3,7,9,11
1,4,6,3,7,9,12
1,4,6,3,7,9,13
1,4,6,3,7,10
1,4,6,3,7,10,6,11,15
1,4,6,4
1,4,6,4,3
1,4,6,4,3,7
1,4,6,4,3,7,7
1,4,6,4,3,7,9
1,4,6,4,3,7,9,7
1,4,6,4,3,7,10
1,4,6,4,3,7,
10,6,11,14,11
1,4,6,4,3,7,10,7
1,4,6,4,3,7,10,7,6
1,4,6,4,4
1,4,6,4,6
1,4,6,4,6,3,7,10,7,10
1,4,6,4,6,4
1,4,6,5
1,4,6,5,4

Y 序列	0-Y序列
1,2,4,8,11,10	1,4,6,6
	, , ,
1,2,4,8,11,11	1,4,6,6,3,7,10,10
1,2,4,8,11,11,8	1,4,6,6,4
1,2,4,8,11,11,8,11,8	1,4,6,6,4,6,4
1,2,4,8,11,11,8,11,9	1,4,6,6,4,6,5
1,2,4,8,11,11,8,11,11,8	1,4,6,6,4,6,6,4
1,2,4,8,11,11,9	1,4,6,6,5
1,2,4,8,11,11,11,8	1,4,6,6,6,4
1,2,4,8,11,12	1,4,6,7
1,2,4,8,11,13	1,4,6,8
1,2,4,8,11,14	1,4,6,8,3,7,10,13
1,2,4,8,11,14,8	1,4,6,8,4
1,2,4,8,11,14,9	1,4,6,8,5
1,2,4,8,11,14,11,8	1,4,6,8,6,4
1,2,4,8,11,14,11,14,8	1,4,6,8,6,8,4
1,2,4,8,11,14,12	1,4,6,8,7
1,2,4,8,11,14,14,8	1,4,6,8,8,4
1,2,4,8,11,14,14,14,8	1,4,6,8,8,8,4
1,2,4,8,11,14,15	1,4,6,8,9
1,2,4,8,11,14,17,8	1,4,6,8,10,4
1,2,4,8,11,14,17,14,8	1,4,6,8,10,8,4
1,2,4,8,11,14,17,14,17,8	1,4,6,8,10,8,10,4
1,2,4,8,11,14,17,14,17,12	1,4,6,8,10,8,10,7
1,2,4,8,11,14,17,17,8	1,4,6,8,10,10,4
1,2,4,8,11,14,17,18	1,4,6,8,10,11
1,2,4,8,11,14,17,20,8	1,4,6,8,10,12,4

Y 序列	0-Y 序列
1,2,4,8,11,15	1,4,6,9
1,2,4,8,11,15,4,8	1,4,6,9,3,7
1,2,4,8,11,15,4,8,9,11	1,4,6,9,3,7,8,10
1,2,4,8,11,15,4,	1,4,6,9,3,7,8,
8,9,11,6,10,11,13	10,5,9,10,12
1,2,4,8,11,15, 4,8,9,11,7	1,4,6,9,3,7,8,10,6
1,2,4,8,11,15, 4,8,9,11,8	1,4,6,9,3,7,8,10,7
1,2,4,8,11,15, 4,8,9,11,15	1,4,6,9,3,7,8,11
1,2,4,8,11,15,4,8,10	1,4,6,9,3,7,9
1,2,4,8,11,15,4,8,11,8	1,4,6,9,3,7,10,7
1,2,4,8,11,15,4,8,11,15	1,4,6,9,3,7,10,14
1,2,4,8,11,15,7,12,16,21	1,4,6,9,3,7,10, 14,6,11,15,20
1,2,4,8,11,15,8	1,4,6,9,4
1,2,4,8,11,15,8,11,15	1,4,6,9,4,6,9
1,2,4,8,11,15,11,15	1,4,6,9,6,9
1,2,4,8,11,15,13,17	1,4,6,9,8,11
1,2,4,8,11,15,15	1,4,6,9,9
1,2,4,8,11,15,16	1,4,6,9,10
1,2,4,8,11,15,18,8	1,4,6,9,11,4
1,2,4,8,11,15,19	1,4,6,9,12
1,2,4,8,11,15,19,20	1,4,6,9,12,13
1,2,4,8,11,15,19,22,8	1,4,6,9,12,14,4
1,2,4,8,11,15,19,23	1,4,6,9,12,15
1,2,4,8,11,15,20	1,4,6,9,13
1,2,4,8,11,15,20,20	1,4,6,9,13,13
1,2,4,8,11,15,20,21	1,4,6,9,13,14

Y 序列	0-Y 序列
1,2,4,8,11,15,20,25	1,4,6,9,13,17
1,2,4,8,11,15,20,25,30	1,4,6,9,13,17,21
1,2,4,8,11,15,20,26	1,4,6,9,13,18
1,2,4,8,11,16	1,4,6,10
1,2,4,8,11,16,4,8	1,4,6,10,3,7
1,2,4,8,11,16,4,8,11,8	1,4,6,10,3,7,10,7
1,2,4,8,11,16, 4,8,11,11,8	1,4,6,10,3,7,10,10,7
1,2,4,8,11,16,4,8,11,15	1,4,6,10,3,7,10,14
1,2,4,8,11,16, 4,8,11,15,20	1,4,6,10,3,7,10,14,19
1,2,4,8,11,16,4,8,11,16	1,4,6,10,3,7,10,15
1,2,4,8,11,16,7,12,15	1,4,6,10,3,7, 10,15,6,11,14
1,2,4,8,11,16,7,12,16,21	1,4,6,10,3,7,10, 15,6,11,15,20
1,2,4,8,11,16,7,12,16,22	1,4,6,10,3,7,10, 15,6,11,15,21
1,2,4,8,11,16,8	1,4,6,10,4
1,2,4,8,11,16,8,8	1,4,6,10,4,4
1,2,4,8,11,16,8,10	1,4,6,10,4,6
1,2,4,8,11,16,8,11	1,4,6,10,4,6,3, 7,10,15,7,10
1,2,4,8,11,16,8,11,8	1,4,6,10,4,6,4
1,2,4,8,11,16,8,11,11,8	1,4,6,10,4,6,6,4
1,2,4,8,11,16,8,11,12	1,4,6,10,4,6,7
1,2,4,8,11,16,8,11,15	1,4,6,10,4,6,9
1,2,4,8,11,16,8,11,16	1,4,6,10,4,6,10
1,2,4,8,11,16,8,11,16,8	1,4,6,10,4,6,10,4
1,2,4,8,11,16, 8,11,16,8,10	1,4,6,10,4,6,10,4,6

Y 序列	0-Y序列
1,2,4,8,11,16, 8,11,16,8,11,15	1,4,6,10,4,6,10,4,6,9
1,2,4,8,11,16, 8,11,16,8,11,16	1,4,6,10,4,6,10,4,6,10
1,2,4,8,11,16,9	1,4,6,10,5
1,2,4,8,11,16,10	1,4,6,10,6
1,2,4,8,11,16,11,8	1,4,6,10,6,4
1,2,4,8,11,16,11,15	1,4,6,10,6,9
1,2,4,8,11,16,11,15,8	1,4,6,10,6,9,4
1,2,4,8,11,16,11,16	1,4,6,10,6,10
1,2,4,8,11,16,14,19	1,4,6,10,8,12
1,2,4,8,11,16,15	1,4,6,10,9
1,2,4,8,11,16,15,19,23	1,4,6,10,9,12,15
1,2,4,8,11,16,15,21	1,4,6,10,9,14
1,2,4,8,11,16,15,21,20	1,4,6,10,9,14,13
1,2,4,8,11,16,16	1,4,6,10,10
1,2,4,8,11,16,17	1,4,6,10,11
1,2,4,8,11,16,17,15,21,22	1,4,6,10,11,9,14,15
1,2,4,8,11,16,17,16	1,4,6,10,11,10
1,2,4,8,11,16,17,18	1,4,6,10,11,12
1,2,4,8,11,16,17,19	1,4,6,10,11,13
1,2,4,8,11,16,17,19,23	1,4,6,10,11,14
1,2,4,8,11,16,18	1,4,6,10,12
1,2,4,8,11,16,19,8	1,4,6,10,12,4
1,2,4,8,11,16,19,8,8	1,4,6,10,12,4,4
1,2,4,8,11,16, 19,8,9,11,15,18,23	1,4,6,10,12,4,5,8,10,14
1,2,4,8,11,16,19,8,10	1,4,6,10,12,4,6

Y 序列	0-Y 序列
1,2,4,8,11,16,19,8,11,8	1,4,6,10,12,4,6,4
1,2,4,8,11,16,19,8,11,11,8	1,4,6,10,12,4,6,6,4
1,2,4,8,11,16,19,8,11,15	1,4,6,10,12,4,6,9
1,2,4,8,11,16,19,8,11,16	1,4,6,10,12,4,6,10
1,2,4,8,11,16, 19,8,11,16,19,8	1,4,6,10,12,4,6,10,12,4
1,2,4,8,11,16,19,9	1,4,6,10,12,5
1,2,4,8,11,16,19,10	1,4,6,10,12,6
1,2,4,8,11,16,19,11,8	1,4,6,10,12,6,4
1,2,4,8,11,16, 19,11,8,11,16	1,4,6,10,12,6,4,6,10
1,2,4,8,11,16,19,11,9	1,4,6,10,12,6,5
1,2,4,8,11,16,19,11,11,8	1,4,6,10,12,6,6,4
1,2,4,8,11,16,19,11,14,8	1,4,6,10,12,6,8,4
1,2,4,8,11,16,19,11,15	1,4,6,10,12,6,9
1,2,4,8,11,16,19,11,16	1,4,6,10,12,6,10
1,2,4,8,11,16, $19,11,16,19,8$	1,4,6,10,12,6,10,12,4
1,2,4,8,11,16,19,12	1,4,6,10,12,7
1,2,4,8,11,16,19,14,8	1,4,6,10,12,8,4
1,2,4,8,11,16,19,14,17,8	1,4,6,10,12,8,10,4
1,2,4,8,11,16,19,14,18	1,4,6,10,12,8,11
1,2,4,8,11,16,19,14,19	1,4,6,10,12,8,12
1,2,4,8,11,16,19,15	1,4,6,10,12,9
1,2,4,8,11,16,19,15,21	1,4,6,10,12,9,14
1,2,4,8,11,16, 19,15,21,24,20	1,4,6,10,12,9,14,16,13
1,2,4,8,11,16,19,16	1,4,6,10,12,10
1,2,4,8,11,16,19,17	1,4,6,10,12,11

Y 序列	0 – Y 序列
1,2,4,8,11,16,19,19,8	1,4,6,10,12,12,4
1,2,4,8,11,16,19,22,8	1,4,6,10,12,14,4
1,2,4,8,11,16,19,23	1,4,6,10,12,15
1,2,4,8,11,16,19,24	1,4,6,10,12,16
1,2,4,8,11,16,19,24,27,8	1,4,6,10,12,16,18,4
1,2,4,8,11,16,20	1,4,6,10,13
1,2,4,8,11,16,20,15,21,26	1,4,6,10,13,9,14,18
1,2,4,8,11,16,20,16	1,4,6,10,13,10
1,2,4,8,11,16,20,24,16	1,4,6,10,13,16,10
1,2,4,8,11,16,20,25	1,4,6,10,13,17
1,2,4,8,11,16,20,25,31	1,4,6,10,13,17,22
1,2,4,8,11,16,20,26	1,4,6,10,13,18
1,2,4,8,11,16,20,26,31,38	1,4,6,10,13,18,22,28
1,2,4,8,12	1,4,7
1,2,4,8,12,4,8	1,4,7,3,7
1,2,4,8,12,4,8,10	1,4,7,3,7,9
1,2,4,8,12,4,8,11	1,4,7,3,7,10
1,2,4,8,12,4,8,11,16	1,4,7,3,7,10,15
1,2,4,8,12,4,8,12	1,4,7,3,7,11
1,2,4,8,12,8	1,4,7,4
1,2,4,8,12,8,11,16	1,4,7,4,6,10
1,2,4,8,12,8,11,16,21	1,4,7,4,6,10,14
1,2,4,8,12,8,11,16,21,15	1,4,7,4,6,10,14,9
1,2,4,8,12,8,11,16,21,16	1,4,7,4,6,10,14,10
1,2,4,8,12,8,12	1,4,7,4,7
1,2,4,8,12,8,12,8,12	1,4,7,4,7,4,7

Y 序列	0-Y 序列
1,2,4,8,12,9	1,4,7,5
1,2,4,8,12,9,4,8,12,9	1,4,7,5,3,7,11,8
1,2,4,8,12,9,8	1,4,7,5,4
1,2,4,8,12,9,8,11,16	1,4,7,5,4,6,10
1,2,4,8,12,9,8,11,16,21	1,4,7,5,4,6,10,14
1,2,4,8,12,9, 8,11,16,21,17	1,4,7,5,4,6,10,14,11
1,2,4,8,12,9,8,11,	1,4,7,5,4,6,10,
16,21,17,11,16,21,17	14,11,6,10,14,11
1,2,4,8,12,9,8,11,	1,4,7,5,4,6,10,
16,21,17,14,19,24,20	14,11,8,12,16,13
1,2,4,8,12,9,8, 11,16,21,17,15	1,4,7,5,4,6,10,14,11,9
1,2,4,8,12,9,8, 11,16,21,17,16	1,4,7,5,4,6,10,14,11,10
1,2,4,8,12,9,8,11,	1,4,7,5,4,6,10,14,
16,21,17,16,20,26,32,27	11,10,13,18,23,19
1,2,4,8,12,9,8,12	1,4,7,5,4,7
1,2,4,8,12,9,8,12,9	1,4,7,5,4,7,5
1,2,4,8,12,9,9	1,4,7,5,5
1,2,4,8,12,10	1,4,7,6
1,2,4,8,12,11,8	1,4,7,6,4
1,2,4,8,12,11, $8,11,16,21,20$	1,4,7,6,4,6,10,14,13
1,2,4,8,12,11, 8,11,16,21,20,16	1,4,7,6,4,6,10,14,13,10
1,2,4,8,12,11,8,12	1,4,7,6,4,7
1,2,4,8,12,11,9	1,4,7,6,5
1,2,4,8,12,11,11,8,12	1,4,7,6,6,4,7
1,2,4,8,12,11,12	1,4,7,6,7
1,2,4,8,12,11,14,8,12	1,4,7,6,8,4,7
1,2,4,8,12,11,14,17,8,12	1,4,7,6,8,10,4,7

Y 序列	0 – Y 序列
1,2,4,8,12,11,15	1,4,7,6,9
1,2,4,8,12,11,15,20	1,4,7,6,9,13
1,2,4,8,12,11,16	1,4,7,6,10
1,2,4,8,12,11,16,20,16	1,4,7,6,10,13,10
1,2,4,8,12,11,16,20,26	1,4,7,6,10,13,18
1,2,4,8,12,11,16,21	1,4,7,6,10,14
1,2,4,8,12,12	1,4,7,7
1,2,4,8,12,12,8,12	1,4,7,7,4,7
1,2,4,8,12,12,8,12,9	1,4,7,7,4,7,5
1,2,4,8,12,12,8,12,10	1,4,7,7,4,7,6
1,2,4,8,12,12, 8,12,11,8,12	1,4,7,7,4,7,6,4,7
1,2,4,8,12,12, 8,12,11,16,21,21	1,4,7,7,4,7,6,10,14,14
1,2,4,8,12,12,8,12,12	1,4,7,7,4,7,7
1,2,4,8,12,12,10,8,12	1,4,7,7,6,3, 7,11,11,9,7,11
1,2,4,8,12,12,11,8	1,4,7,7,6,4
1,2,4,8,12,12,11,8,12	1,4,7,7,6,4,7
1,2,4,8,12,12,11,8,12,10	1,4,7,7,6,4,7,6
1,2,4,8,12,12,	1,4,7,7,6,4,
11,8,12,11,16,21,21	7,6,10,14,14
1,2,4,8,12,12,11,8,12,	1,4,7,7,6,4,7,6,
11,16,21,21,19,24,29,29	10,14,14,12,16,20,20
1,2,4,8,12,12,11,8,12,12	1,4,7,7,6,4,7,7
1,2,4,8,12,12, 11,14,8,12,12	1,4,7,7,6,8,4,7,7
1,2,4,8,12,12,11,15	1,4,7,7,6,9
1,2,4,8,12,12,11,16,21,21	1,4,7,7,6,10,14,14
1,2,4,8,12,12,12	1,4,7,7,7

Y 序列	0-Y 序列
1,2,4,8,12,12,12,12	1,4,7,7,7,7
1,2,4,8,12,13	1,4,7,8
1,2,4,8,12,13,15	1,4,7,8,10
1,2,4,8,12,13,15,17,19	1,4,7,8,10,12,14
1,2,4,8,12,13,15,18	1,4,7,8,10,13
1,2,4,8,12,13,15,19	1,4,7,8,11
1,2,4,8,12,13,15,19,23	1,4,7,8,11,14
1,2,4,8,12,14	1,4,7,9
1,2,4,8,12,14,4	1,4,7,9,3
1,2,4,8,12,14,4,8	1,4,7,9,3,7
1,2,4,8,12,14,4,8,12	1,4,7,9,3,7,11
1,2,4,8,12,14,4,8,12,13	1,4,7,9,3,7,11,12
1,2,4,8,12,14, 4,8,12,13,15,19	1,4,7,9,3,7,11,12,15
1,2,4,8,12,14,4, 8,12,13,15,19,23	1,4,7,9,3,7,11,12,15,18
1,2,4,8,12,14,4,	1,4,7,9,3,7,
8,12,13,15,19,23,25	11,12,15,18,20
1,2,4,8,12,14,4,8, $12,13,15,19,23,25,7$	1,4,7,9,3,7,11, 12,15,18,20,6
1,2,4,8,12,14,4,8,12,	1,4,7,9,3,7,11,
13,15,19,23,25,11,15	12,15,18,20,10,14
1,2,4,8,12,14,4,8,12,14	1,4,7,9,3,7,11,13
1,2,4,8,12,14,7	1,4,7,9,3,7,11,13,6
1,2,4,8,12,14,8	1,4,7,9,3,7,11,13,7
1,2,4,8,12,14,8,12	1,4,7,9,3,7,11,13,7,11
1,2,4,8,12,14,8,	1,4,7,9,3,7,11,
12,13,15,19,23,25	13,7,11,12,15,18,20
1,2,4,8,12,14,8,	1,4,7,9,3,7,11,13,
12,13,15,19,23,25,9	7,11,12,15,18,20,8
1,2,4,8,12,14,8,	1,4,7,9,3,7,11,13,
12,13,15,19,23,25,10	7,11,12,15,18,20,9

Y序列 0-Y序列 1,2,4,8,12,14,8,12,14 1,4,7,9,3,7, 11,13,7,11,13	
1,2,4,8,12,14,8,12,14	
1,2,4,0,12,14,0,12,14	
11,13,7,11,13	
1,2,4,8,12,14,9 1,4,7,9,3,7,11,13,8	
1,2,4,8,12,14,11,8 1,4,7,9,3,7,11,13,10,	7
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
1,2,4,8,12,14, 1,4,7,9,3,7,11,	
11,14,8,12,14 13,13,10,7,11,13	
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1,2,4,8,12,14,11,16 1,4,7,9,3,7,11,13,10,1	.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
1,2,4,8,12,14,12	
1,2,4,8,12,14,14	.3
1,2,4,8,12,14,16	
1,2,4,8,12,14,16,18 1,4,7,9,3,7,11,13,15	
1,2,4,8,12,14,17	
1,2,4,8,12,14,18	•
1,2,4,8,12,14,18,22	21
1,2,4,8,12,14,18,22,24	
11,13,17,21,23	
1,2,4,8,12,15 1,4,7,9,3,7,11,14	
1,2,4,8,12,15,4,8,12,15	
14,3,7,11,14	
1,2,4,8,12,15,7, 1,4,7,9,3,7,11,14,	_
12,17,20,12,17,19 6,11,16,19,11,16,18	
1,2,4,8,12,15,7,12, 1,4,7,9,3,7,11,14,6,1	1,
17,20,12,17,19,23,27,30 16,19,11,16,18,22,26,	29_
1,2,4,8,12,15,7,12,17,21	
1,2,4,8,12,15,7,12,17,21 14,6,11,16,20	
1,2,4,8,12,15,8 1,4,7,9,4	
1,2,4,8,12,15,	
8,11,16,21,25	

Y 序列	0-Y 序列
1,2,4,8,12,15,8,12	1,4,7,9,4,7
1,2,4,8,12,15,8,12,14	1,4,7,9,4,7,9
1,2,4,8,12,15,8,12,15,8	1,4,7,9,4,7,9,4
1,2,4,8,12,15,8,	1,4,7,9,4,7,
12,15,8,12,15,8	9,4,7,9,4
1,2,4,8,12,15,9	1,4,7,9,5
1,2,4,8,12,15,9,4	1,4,7,9,5,3
1,2,4,8,12,15,9,8	1,4,7,9,5,4
1,2,4,8,12,15,	1,4,7,9,5,4,7,9,4
9,8,12,15,8	, , , , , , , , , , , ,
1,2,4,8,12,15,	1,4,7,9,5,4,7,9,5
9,8,12,15,9	
1,2,4,8,12,15,9,9	1,4,7,9,5,5
1,2,4,8,12,15,10	1,4,7,9,6
1,2,4,8,12,15,11,8	1,4,7,9,6,4
1,2,4,8,12,15,	1,4,7,9,6,4,7,9,5
11,8,12,15,9	1,1,1,0,0,1,1,0,0
1,2,4,8,12,15,	1,4,7,9,6,4,7,9,5,5
11,8,12,15,9,9	
1,2,4,8,12,15, 11,8,12,15,10	1,4,7,9,6,4,7,9,6
1,2,4,8,12,15,11,9	1,4,7,9,6,5
1,2,4,8,12,15,11,12	1,4,7,9,6,7
1,2,4,8,12,15,	1,4,7,9,6,8,4,7,9,5
11,14,8,12,15,9	1,4,7,9,0,8,4,7,9,5
1,2,4,8,12,15,11,15	1,4,7,9,6,9
1,2,4,8,12,15,11,16	1,4,7,9,6,10
1,2,4,8,12,15,11,16,21,24	1,4,7,9,6,10,14,16
1,2,4,8,12,15,11,16,	1,4,7,9,6,10,
21,24,8,12,15,9	14,16,4,7,9,5
1,2,4,8,12,15,11,16,21,25	1,4,7,9,6,10,14,17

Y 序列	0-Y 序列
1,2,4,8,12,15,	1,4,7,9,6,10,14,17,10
11,16,21,25,16	1,4,1,0,0,10,14,11,10
1,2,4,8,12,15,	1,4,7,9,6,10,14,17,11
11,16,21,25,17	1,1,1,0,0,10,11,11,11
1,2,4,8,12,15,11,	1,4,7,9,6,10,14,
16,21,25,20,26,32,37,27	17,13,18,23,27,19
1,2,4,8,12,15,12	1,4,7,9,7
1,2,4,8,12,15,12,8	1,4,7,9,7,4
1,2,4,8,12,15,	1,4,7,9,7,4,7,9,5
12,8,12,15,9	1,1,1,0,1,1,0,0
1,2,4,8,12,15,	1,4,7,9,7,4,7,9,5,5
12,8,12,15,9,9	1,1,1,0,1,1,1,0,0,0
1,2,4,8,12,15,	1,4,7,9,7,4,7,9,6
12,8,12,15,10	
1,2,4,8,12,15,12,8,	1,4,7,9,7,4,7,
12,15,11,16,21,25,21	9,6,10,14,17,14
1,2,4,8,12,15,12,8,	1,4,7,9,7,4,7,
12,15,11,16,21,25,21,15	9,6,10,14,17,14,9
1,2,4,8,12,15,	1,4,7,9,7,4,7,9,7
12,8,12,15,12	
1,2,4,8,12,15,12,9	1,4,7,9,7,5
1,2,4,8,12,15,	1,4,7,9,7,6,4,7,9,7
12,11,8,12,15,12	, , , , , , , , ,
1,2,4,8,12,15,12,	1,4,7,9,7,
11,14,8,12,15,12	6,8,4,7,9,7
1,2,4,8,12,15,12,11,15	1,4,7,9,7,6,9
1,2,4,8,12,15,	1,4,7,9,7,6,10,14,17,11
12,11,16,21,25,17	1,1,1,0,1,0,10,11,11,11
1,2,4,8,12,15,	1,4,7,9,7,6,10,14,17,14
12,11,16,21,25,21	1,1,1,0,1,0,10,11,11,11
1,2,4,8,12,15,12,12	1,4,7,9,7,7
1,2,4,8,12,15,12,	1,4,7,9,7,7,
12,11,16,21,25,17	6,10,14,17,11
1,2,4,8,12,15,12,	1,4,7,9,7,7,6,
12,11,16,21,25,21,21	10,14,17,14,14
1,2,4,8,12,15,12,12,12	1,4,7,9,7,7,7
1,2,4,8,12,15,12,13	1,4,7,9,7,8

Y 序列	0-Y 序列
1,2,4,8,12,15,12,14	1,4,7,9,7,9
1,2,4,8,12,15,12,15,8	1,4,7,9,7,9,4
1,2,4,8,12,15, 12,15,8,12,14	1,4,7,9,7,9,4,7,9
1,2,4,8,12,15, 12,15,8,12,15,8	1,4,7,9,7,9,4,7,9,4
1,2,4,8,12,15, 12,15,8,12,15,9	1,4,7,9,7,9,4,7,9,5
1,2,4,8,12,15, 12,15,8,12,15,12	1,4,7,9,7,9,4,7,9,7
1,2,4,8,12,15,	1,4,7,9,7,9,
12,15,8,12,15,12,13	4,7,9,7,8
1,2,4,8,12,15,12,	1,4,7,9,7,9,
15,8,12,15,12,15,8	4,7,9,7,9,4
1,2,4,8,12,15,12,15,	1,4,7,9,7,9,4,
8,12,15,12,15,8,12,15,9	7,9,7,9,4,7,9,5
1,2,4,8,12,15,12,15,9	1,4,7,9,7,9,5
1,2,4,8,12,15,12,15,11,15	1,4,7,9,7,9,6,9
1,2,4,8,12,15,12,	1,4,7,9,7,9,
15,11,16,21,25,17	6,10,14,17,11
1,2,4,8,12,15,12,	
15,11,16,21,25,21,25,17	
1,2,4,8,12,15,12,15,12	1,4,7,9,7,9,7
1,2,4,8,12,15,12,15,12,13	1,4,7,9,7,9,7,8
1,2,4,8,12,15,12,15,12,14	1,4,7,9,7,9,7,9
1,2,4,8,12,15, 12,15,12,15,8	1,4,7,9,7,9,7,9,4
1,2,4,8,12,15,	1,4,7,9,7,9,7,9,5
12,15,12,15,9	1,1,1,0,1,0,1,0,0
1,2,4,8,12,15,12,	1,4,7,9,7,9,
15,12,15,12,15,9	7,9,7,9,5
1,2,4,8,12,15,13	1,4,7,9,8
1,2,4,8,12,15, 15,8,12,15,13	1,4,7,9,9,4,7,9,8
1,2,4,8,12,15,15,9	1,4,7,9,9,5

Y 序列	0-Y序列
1,2,4,8,12,15,15,10,13	1,4,7,9,9,6,9
1,2,4,8,12,15, 15,11,16,21,25,17	1,4,7,9,9,6,10,14,17,11
1,2,4,8,12,15, 15,11,16,21,25,25,17	1,4,7,9,9,6, 10,14,17,17,11
1,2,4,8,12,15,15,12	1,4,7,9,9,7
1,2,4,8,12,15,15,12,15,9	1,4,7,9,9,7,9,5
1,2,4,8,12,15, 15,12,15,15,9	1,4,7,9,9,7,9,9,5
1,2,4,8,12,15,15,13	1,4,7,9,9,8
1,2,4,8,12,15,15,15,9	1,4,7,9,9,9,5
1,2,4,8,12,15,15,	1,4,7,9,9,
15,12,15,15,15,9	9,7,9,9,9,5
1,2,4,8,12,15,15,15,15,9	1,4,7,9,9,9,9,5
1,2,4,8,12,15,16	1,4,7,9,10
1,2,4,8,12,15,18,9	1,4,7,9,11,5
1,2,4,8,12,15,18,11,15	1,4,7,9,11,6,9
1,2,4,8,12,15,18,12	1,4,7,9,11,7
1,2,4,8,12,15,18,12,15,9	1,4,7,9,11,7,9,5
1,2,4,8,12,15, 18,12,15,18,9	1,4,7,9,11,7,9,11,5
1,2,4,8,12,15,18,15,9	1,4,7,9,11,9,5
1,2,4,8,12,15,18,15,18,9	1,4,7,9,11,9,11,5
1,2,4,8,12,15,18,16	1,4,7,9,11,10
1,2,4,8,12,15,18,18,9	1,4,7,9,11,11,5
1,2,4,8,12,15, 18,18,15,18,18,9	1,4,7,9,11,11,9,11,11,5
1,2,4,8,12,15,18,18,18,9	1,4,7,9,11,11,11,5
1,2,4,8,12,15,18,19	1,4,7,9,11,12
1,2,4,8,12,15,18,21,9	1,4,7,9,11,13,5

Y 序列	0 – Y 序列
1,2,4,8,12,15,18,21,21,9	1,4,7,9,11,13,13,5
1,2,4,8,12,15,18,21,24,9	1,4,7,9,11,13,15,5
1,2,4,8,12,15,19	1,4,7,9,12
1,2,4,8,12,15, 19,11,16,21,25,17	1,4,7,9,12,6,10,14,17,11
1,2,4,8,12,15, 19,11,16,21,25,30	1,4,7,9,12,6,10,14,17,21
1,2,4,8,12,15,19,19	1,4,7,9,12,12
1,2,4,8,12,15,19,23,27	1,4,7,9,12,15,18
1,2,4,8,12,15,19,24	1,4,7,9,12,16
1,2,4,8,12,15,20	1,4,7,9,13
1,2,4,8,12,15,20,	1,4,7,9,13,
25,28,8,12,15,9	17,19,4,7,9,5
1,2,4,8,12,15,20,25,28,9	1,4,7,9,13,17,19,5
1,2,4,8,12,15,20,25,29	1,4,7,9,13,17,20
1,2,4,8,12,15,20,25,29,20	1,4,7,9,13,17,20,13
1,2,4,8,12,15,20,25,29,21	1,4,7,9,13,17,20,14
1,2,4,8,12,15,20,	1,4,7,9,13,17,20,
25,29,21,11,16,21,25,17	14,6,10,14,17,11
1,2,4,8,12,15,	1,4,7,9,13,17,
20,25,29,35,41,46,36	20,25,30,34,26
1,2,4,8,12,16	1,4,7,10
1,2,4,8,12,16,	
8,12,15,20,25,30	
1,2,4,8,12,16,8,12,15,20,	1,4,7,10,4,7,9,13,17,
25,30,20,25,29,35,41,47	21,13,17,20,25,30,35
1,2,4,8,12,16,8,12,16	1,4,7,10,4,7,10
1,2,4,8,12,16,9	1,4,7,10,5
1,2,4,8,12,16,11,8,12,16	1,4,7,10,6,4,7,10
1,2,4,8,12,16,11,15	1,4,7,10,6,9
1,2,4,8,12,16, 11,16,21,25,17	1,4,7,10,6,10,14,17,11
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Y 序列	0-Y序列
1 /17.00	0 - 1 1201
1,2,4,8,12,16,11,16,21,26	1,4,7,10,6,10,14,18
1,2,4,8,12,16,12	1,4,7,10,7
1,2,4,8,12,16, 12,11,16,21,26,21	1,4,7,10,7,6,10,14,18,14
1,2,4,8,12,16,12,12	1,4,7,10,7,7
1,2,4,8,12,16,12,13	1,4,7,10,7,8
1,2,4,8,12,16,12,14	1,4,7,10,7,9
1,2,4,8,12,16,12,15,8	1,4,7,10,7,9,4
1,2,4,8,12,16,12,15,	1,4,7,10,7,9,4,7,
8,12,15,20,25,30,25,28,9	9,13,17,21,17,19,5
1,2,4,8,12,16, 12,15,8,12,16	1,4,7,10,7,9,4,7,10
1,2,4,8,12,16,12,15,9	1,4,7,10,7,9,5
1,2,4,8,12,16,12,15,9,8	1,4,7,10,7,9,5,4
1,2,4,8,12,16,12,	1,4,7,10,7,
15,9,8,12,15,9	9,5,4,7,9,5
1,2,4,8,12,16,12,	1,4,7,10,7,9,
15,9,8,12,15,11,16	5,4,7,9,6,10
1,2,4,8,12,16,12,15,	1,4,7,10,7,9,5,
9,8,12,15,11,16,21,25,17	4,7,9,6,10,14,17,11
1,2,4,8,12,16,12,15,	1,4,7,10,7,9,5,4,
9,8,12,15,11,16,21,25,21	7,9,6,10,14,17,14
1,2,4,8,12,16,12,15,	1,4,7,10,7,9,5,4,
9,8,12,15,11,16,21,25,30	7,9,6,10,14,17,21
1,2,4,8,12,16,12,15,	1,4,7,10,7,9,5,4,
9,8,12,15,11,16,21,25,31	7,9,6,10,14,17,22
1,2,4,8,12,16,12,15,	1,4,7,10,7,9,5,4,
9,8,12,15,11,16,21,26	7,9,6,10,14,18
1,2,4,8,12,16,12,15,	1,4,7,10,7,9,5,4,
9,8,12,15,11,16,21,26,21	7,9,6,10,14,18,14
1,2,4,8,12,16,12,	1,4,7,10,7,9,
15,9,8,12,15,12	5,4,7,9,7
1,2,4,8,12,16,12,15,	1,4,7,10,7,9,5,
9,8,12,15,12,15,12	4,7,9,7,9,7
1,2,4,8,12,16,12,	1,4,7,10,7,9,
15,9,8,12,15,15,12	5,4,7,9,9,7

Y 序列 0 - Y 序列 $1,2,4,8,12,16,12,$ $1,4,7,10,7,9,$ $15,9,8,12,15,18,12$ $5,4,7,9,11,7$ $1,2,4,8,12,16,12,$ $1,4,7,10,7,9,$ $15,9,8,12,15,19$ $5,4,7,9,12$ $1,2,4,8,12,16,$ $1,4,7,10,7,9,5,4,7,10$ $1,2,4,8,12,16,12,$ $1,4,7,10,7,9,$ $15,9,8,12,16,12,$ $1,4,7,10,7,9,$ $15,9,8,12,16,12,$ $1,4,7,10,7,9,$ $15,9,8,12,16,12,$ $1,4,7,10,7,9,$ $15,9,8,12,16,12,$ $1,4,7,10,7,9,$ $15,9,8,12,16,12,$ $1,4,7,10,7,9,$ $12,4,8,12,16,$ $1,4,7,10,7,9,$ $12,4,8,12,16,12,15,$ $1,4,7,10,7,9,$ $12,4,8,12,16,12,15,$ $1,4,7,10,7,9,$ $12,4,8,12,16,12,15,$ $1,4,7,10,7,9,$ $12,4,8,12,16,12,15,$ $1,4,7,10,7,9,$ $12,4,8,12,16,12,15,$ $1,4,7,10,7,9,$ $12,4,8,12,16,12,15,11,10$ $1,4,7,10,7,9,$ $12,4,8,12,16,12,15,11,15$ $1,4,7,10,7,9,$ $12,4,8,12,16,12,15,12,12$ $1,4,7,10,7,9,$ $12,4,8,12,16,12,15,12,12$ $1,4,7,10,7,9,7,$ $12,4,8,12,16,12,15,15,12$ $1,4,7,1$		
$\begin{array}{c} 15,9,8,12,15,18,12 \\ 1,2,4,8,12,16,12, \\ 15,9,8,12,15,19 \\ 1,2,4,8,12,16, \\ 12,15,9,8,12,16 \\ 1,2,4,8,12,16, \\ 12,15,9,8,12,16 \\ 1,2,4,8,12,16,12 \\ 1,4,7,10,7,9,5,4,7,10 \\ 15,9,8,12,16,12 \\ 15,9,8,12,16,12 \\ 14,7,10,7,9, \\ 15,9,8,12,16,12,15 \\ 15,4,7,10,7, \\ 15,9,8,12,16,12,15 \\ 12,4,8,12,16, \\ 12,15,9,8,12,16,9 \\ 12,15,9,8,12,16,9 \\ 12,14,7,10,7,9,5 \\ 12,2,4,8,12,16,12,15,10 \\ 12,4,8,12,16,12,15,10 \\ 13,4,7,10,7,9,6 \\ 14,2,4,8,12,16,12,15,10 \\ 14,4,7,10,7,9,6 \\ 14,2,4,8,12,16,12,15,11,9 \\ 14,4,7,10,7,9,6,5 \\ 14,2,4,8,12,16,12,15,11,10 \\ 14,4,7,10,7,9,6,6 \\ 14,2,4,8,12,16,12,15,11,15 \\ 14,4,7,10,7,9,6,9 \\ 14,2,4,8,12,16,12,15,11,15 \\ 14,4,7,10,7,9,6,9 \\ 14,2,4,8,12,16,12,15,11,15 \\ 14,4,7,10,7,9,6,9 \\ 14,2,4,8,12,16,12,15,12 \\ 14,4,7,10,7,9,7 \\ 14,2,4,8,12,16,12,15,12 \\ 14,4,7,10,7,9,7,7 \\ 14,2,4,8,12,16,12,15,12 \\ 14,4,7,10,7,9,7,9 \\ 15,12,15,11,16,21,26 \\ 14,4,7,10,7,9,7,9,7 \\ 15,12,15,11,16,21,26 \\ 14,4,7,10,7,9,7,9,7 \\ 14,2,4,8,12,16,12,15,15,12 \\ 14,4,7,10,7,9,7,9,7 \\ 14,2,4,8,12,16,12,15,15,12 \\ 14,4,7,10,7,9,9,7 \\ 14,2,4,8,12,16,12,15,15,19 \\ 14,4,7,10,7,9,9,7 \\ 14,2,4,8,12,16,12,15,15,19 \\ 14,4,7,10,7,9,9,7,9,5 \\ 14,2,4,8,12,16,12,15,15,19 \\ 14,4,7,10,7,9,9,7,9,5 \\ 14,4,8,12,16,12,15,15,19 \\ 14,4,7,10,7,9,9,7,9,5 \\ 14,4,4,10,7,9,12 \\ 14,4,10,7,9,12 \\ 14,4,10,7,9,12 \\ 14,4,10,7,9,12 \\ 14,4,1$	Y 序列	0 – Y 序列
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$	15,9,8,12,16,12	5,4,7,10,7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,12,	1,4,7,10,7,9,
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	15,9,8,12,16,12,15	5,4,7,10,7,9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,	1,4,7,10,7,9,5,
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$12,\!15,\!9,\!8,\!12,\!16,\!9$	4,7,10,7,9,5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,12,15,10	1,4,7,10,7,9,6
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,12,	1,4,7,10,7,9,
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$15,\!11,\!8,\!12,\!16,\!12,\!15,\!9$	6,4,7,10,7,9,5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,12,15,11,9	1,4,7,10,7,9,6,5
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,12,15,11,10	1,4,7,10,7,9,6,6
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,12,15,11,15	1,4,7,10,7,9,6,9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,12,	1,4,7,10,7,9,6,
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	15,11,16,21,26,21,25,17	10,14,18,14,17,11
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,12,15,12	1,4,7,10,7,9,7
$\begin{array}{c} 12,15,12,15,9 \\ 1,2,4,8,12,16,12, \\ 15,12,15,11,16,21,26 \\ 12,15,12,15,12 \\ 1,2,4,8,12,16, \\ 12,15,12,15,12 \\ 1,2,4,8,12,16,12,15,15,9 \\ 1,2,4,8,12,16,12,15,15,12 \\ 1,2,4,8,12,16,12,15,15,12 \\ 1,2,4,8,12,16,12,15,15,12 \\ 1,2,4,8,12,16, \\ 12,15,15,12,15,9 \\ 1,2,4,8,12,16,12,15,19 \\ 1,4,7,10,7,9,9,7,9,5 \\ 1,2,4,8,12,16,12,15,19 \\ 1,4,7,10,7,9,9,7,9,5 \\ 1,2,4,8,12,16,12,15,19 \\ 1,4,7,10,7,9,12 \\ \end{array}$	1,2,4,8,12,16,12,15,12,12	1,4,7,10,7,9,7,7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$, , , , , ,	1,4,7,10,7,9,7,9,5
$\begin{array}{c} 15,12,15,11,16,21,26 & 7,9,6,10,14,18 \\ 1,2,4,8,12,16, & 1,4,7,10,7,9,7,9,7 \\ 12,15,12,15,12 & 1,4,7,10,7,9,9,5 \\ 1,2,4,8,12,16,12,15,15,12 & 1,4,7,10,7,9,9,7 \\ 1,2,4,8,12,16, & 1,4,7,10,7,9,9,7 \\ 1,2,4,8,12,16, & 1,4,7,10,7,9,9,7,9,5 \\ 1,2,4,8,12,15,15,12,15,9 & 1,4,7,10,7,9,9,7,9,5 \\ 1,2,4,8,12,16,12,15,19 & 1,4,7,10,7,9,12 \\ \end{array}$		1 4 7 10 7 0
$\begin{array}{c} 1,2,4,8,12,16,\\ 12,15,12,15,12 \end{array} \qquad 1,4,7,10,7,9,7,9,7\\ 1,2,4,8,12,16,12,15,15,9 \qquad 1,4,7,10,7,9,9,5\\ 1,2,4,8,12,16,12,15,15,12 \qquad 1,4,7,10,7,9,9,7\\ 1,2,4,8,12,16,\\ 12,15,15,12,15,9 \qquad 1,4,7,10,7,9,9,7,9,5\\ 1,2,4,8,12,16,12,15,19 \qquad 1,4,7,10,7,9,12 \end{array}$, , , , , , ,	, , , , , , ,
$\begin{array}{cccccccccccccccccccccccccccccccccccc$, , , , , ,	1,9,0,10,14,10
$\begin{array}{cccccccccccccccccccccccccccccccccccc$, , , , , ,	1,4,7,10,7,9,7,9,7
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$\begin{array}{ccc} 1,2,4,8,12,16, & & & 1,4,7,10,7,9,9,7,9,5 \\ 12,15,15,12,15,9 & & & 1,4,7,10,7,9,12 \\ & & & & & & & & \\ 1,2,4,8,12,16,12,15,19 & & & & & & \\ & & & & & & & & \\ 1,4,7,10,7,9,12 & & & & & \\ \end{array}$	1,2,4,8,12,16,12,15,15,9	1,4,7,10,7,9,9,5
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1,2,4,8,12,16,12,15,15,12	1,4,7,10,7,9,9,7
1,2,4,8,12,16,12,15,19	, , , , , ,	1,4,7,10,7,9,9,7,9,5
1,2,4,8,12,16,12,15,20	1,2,4,8,12,16,12,15,19	1,4,7,10,7,9,12
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	I
Y 序列	0-Y 序列
1,2,4,8,12,16,	1,4,7,10,7,9,13,17,20,14
12,15,20,25,29,21	1,4,1,10,1,3,13,11,20,14
1,2,4,8,12,16,	1,4,7,10,7,9,13,17,20,17
12,15,20,25,29,25	1,4,1,10,1,3,13,11,20,11
1,2,4,8,12,16,	1,4,7,10,7,9,13,17,21
12,15,20,25,30	1,4,1,10,1,3,13,11,21
1,2,4,8,12,16,	1,4,7,10,7,9,13,17,21,17
12,15,20,25,30,25	1,4,1,10,1,0,10,11,21,11
1,2,4,8,12,16,12,	1,4,7,10,7,9,
15,20,25,30,25,29	13,17,21,17,20
1,2,4,8,12,16,12,	1,4,7,10,7,9,13,
15,20,25,30,25,29,21	17,21,17,20,14
1,2,4,8,12,16,12,16	1,4,7,10,7,10
1,2,4,8,12,16,12,16,12	1,4,7,10,7,10,7
1,2,4,8,12,16,12,16,12,14	1,4,7,10,7,10,7,9
1,2,4,8,12,16,	1 4 7 10 7 10 7 0 5
12,16,12,15,9	1,4,7,10,7,10,7,9,5
1,2,4,8,12,16,	1,4,7,10,7,10,7,9,6,5
12,16,12,15,15,9	1,4,7,10,7,10,7,9,0,0
1,2,4,8,12,16,	1,4,7,10,7,10,7,9,7
12,16,12,15,12	1,4,1,10,1,10,1,0,1
1,2,4,8,12,16,12,	1,4,7,10,7,
16,12,15,12,15,12	10,7,9,7,9,7
1,2,4,8,12,16,12,16,12,16	1,4,7,10,7,10,7,10
1,2,4,8,12,16,	1,4,7,10,7,10,
12,16,12,16,12,15,9	7,10,7,9,5
1,2,4,8,12,16,	1,4,7,10,7,10,7,10,7,10
12,16,12,16,12,16	1,4,7,10,7,10,7,10,7,10
1,2,4,8,12,16,13	1,4,7,10,8
1,2,4,8,12,16,13,8	1,4,7,10,8,4
1,2,4,8,12,16,13,8,12,14	1,4,7,10,8,4,7,9
1,2,4,8,12,16,	1,4,7,10,8,4,7,9,5
13,8,12,15,9	1,4,1,10,0,4,1,9,0
1,2,4,8,12,16,13,	1,4,7,10,8,4,7,
8,12,15,9,8,12,15,9	9,5,4,7,9,5
1,2,4,8,12,16,13,	1,4,7,10,8,4,7,
8,12,15,11,16,21,25,17	9,6,10,14,17,11

Y 序列 0 - Y 序列 1,2,4,8,12,16,13, 1,4,7,10,8,4,7, 8,12,15,11,16,21,25,21 9,6,10,14,17,14 1,2,4,8,12,16,13, 1,4,7,10,8,4,7, 8,12,15,11,16,21,26 9,6,10,14,18 1,2,4,8,12,16,13,8, 1,4,7,10,8,4,7, 12,15,11,16,21,26,21,26 9,6,10,14,18,14,18 1,2,4,8,12,16,13, 1,4,7,10,8,4,7, 8,12,15,11,16,21,26,22 9,6,10,14,18,15		0 - 1 / 1/20
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12,15,11,16,21,26,21,26 9,6,10,14,18,14,18 1,2,4,8,12,16,13, 1,4,7,10,8,4,7, 8,12,15,11,16,21,26,22 9,6,10,14,18,15		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
8,12,15,11,16,21,26,22 9,6,10,14,18,15		
	1,2,4,8,12,16,13,8,12,	1,4,7,10,8,4,7,
15,11,16,21,26,22,11,15 9,6,10,14,18,15,6,9	15,11,16,21,26,22,11,15	
1,2,4,8,12,16,13,8, 1,4,7,10,8,4,7,	1,2,4,8,12,16,13,8,	1,4,7,10,8,4,7,
12,15,11,16,21,26,22,13 9,6,10,14,18,15,8	12,15,11,16,21,26,22,13	9,6,10,14,18,15,8
1,2,4,8,12,16,13,8,12, 1,4,7,10,8,4,7,9,	1,2,4,8,12,16,13,8,12,	1,4,7,10,8,4,7,9,
15,11,16,21,26,22,14,18 6,10,14,18,15,8,11	15,11,16,21,26,22,14,18	6,10,14,18,15,8,11
1,2,4,8,12,16,13,8,12, 1,4,7,10,8,4,7,9,	1,2,4,8,12,16,13,8,12,	1,4,7,10,8,4,7,9,
15,11,16,21,26,22,14,19 6,10,14,18,15,8,12	15,11,16,21,26,22,14,19	6,10,14,18,15,8,12
1,2,4,8,12,16,13,8, 1,4,7,10,8,4,7,9,	1,2,4,8,12,16,13,8,	1,4,7,10,8,4,7,9,
12,15,11,16,21,26,22,15 6,10,14,18,15,9	$12,\!15,\!11,\!16,\!21,\!26,\!22,\!15$	6,10,14,18,15,9
1,2,4,8,12,16,13,8, 1,4,7,10,8,4,7,9,	1,2,4,8,12,16,13,8,	1,4,7,10,8,4,7,9,
12,15,11,16,21,26,22,16 6,10,14,18,15,10	$12,\!15,\!11,\!16,\!21,\!26,\!22,\!16$	6,10,14,18,15,10
1,2,4,8,12,16,	1,2,4,8,12,16,	1 4 7 10 8 4 7 0 7
13,8,12,15,12	13,8,12,15,12	1,4,1,10,0,4,1,0,1
1,2,4,8,12,16, 1,4,7,10,8,	1,2,4,8,12,16,	1,4,7,10,8,
13,8,12,15,12,15,12 4,7,9,7,9,7	13,8,12,15,12,15,12	4,7,9,7,9,7
1,2,4,8,12,16, 1,4,7,10,8,4,7,9,9,7	1,2,4,8,12,16,	1 4 7 10 8 4 7 9 9 7
13,8,12,15,15,12	13,8,12,15,15,12	1,1,1,10,0,1,1,0,0,1
1,2,4,8,12,16, 1,4,7,10,8,4,7,9,11,7	1,2,4,8,12,16,	1 4 7 10 8 4 7 9 11 7
13,8,12,15,18,12	13,8,12,15,18,12	1,4,1,10,0,4,1,0,11,1
1,2,4,8,12,16, 1,4,7,10,8,4,7,9,12	1,2,4,8,12,16,	1 4 7 10 8 4 7 9 19
13,8,12,15,19	13,8,12,15,19	1,4,1,10,0,4,1,0,12
1,2,4,8,12,16, 1,4,7,10,8,4,7,9,13	1,2,4,8,12,16,	1 4 7 10 8 4 7 9 13
13,8,12,15,20	13,8,12,15,20	1,4,7,10,0,4,7,9,10
1,2,4,8,12,16,13, 1,4,7,10,8,4,	1,2,4,8,12,16,13,	1,4,7,10,8,4,
8,12,15,20,25,30,26 7,9,13,17,21,18	$8,\!12,\!15,\!20,\!25,\!30,\!26$	7,9,13,17,21,18
1,2,4,8,12,16,13,8, 1,4,7,10,8,4,7,	1,2,4,8,12,16,13,8,	1,4,7,10,8,4,7,
12,15,20,25,30,26,11,16 9,13,17,21,18,6,10	12,15,20,25,30,26,11,16	9,13,17,21,18,6,10
1,2,4,8,12,16,13,8, 1,4,7,10,8,4,7,	1,2,4,8,12,16,13,8,	1,4,7,10,8,4,7,
12,15,20,25,30,26,12 9,13,17,21,18,7	$12,\!15,\!20,\!25,\!30,\!26,\!12$	9,13,17,21,18,7
1,2,4,8,12,16,13,8, 1,4,7,10,8,4,7,	1,2,4,8,12,16,13,8,	1,4,7,10,8,4,7,
12,15,20,25,30,26,14 9,13,17,21,18,9	12,15,20,25,30,26,14	9,13,17,21,18,9

	T
Y 序列	0 – Y 序列
1,2,4,8,12,16,13,8,	1,4,7,10,8,4,7,9,
12,15,20,25,30,26,15,19	13,17,21,18,9,12
1,2,4,8,12,16,13,	1,4,7,10,8,4,7,
8,12,15,20,25,30,26,17	9,13,17,21,18,11
1,2,4,8,12,16,13,	1,4,7,10,8,4,7,9,
8,12,15,20,25,30,26,19	13,17,21,18,12
1,2,4,8,12,16,13,	1,4,7,10,8,4,7,9,
8,12,15,20,25,30,26,20	13,17,21,18,13
1,2,4,8,12,16,13,8,12,16	1,4,7,10,8,4,7,10
1,2,4,8,12,16,	1,4,7,10,8,4,7,10,7
13,8,12,16,12	1,4,7,10,0,4,7,10,7
1,2,4,8,12,16,	1,4,7,10,8,4,7,10,7,9
13,8,12,16,12,14	1,4,7,10,0,4,7,10,7,9
1,2,4,8,12,16,	1,4,7,10,8,4,
13,8,12,16,12,15,9	7,10,7,9,5
1,2,4,8,12,16,	1,4,7,10,8,4,
13,8,12,16,12,15,12	7,10,7,9,7
1,2,4,8,12,16,13,	1,4,7,10,8,4,
8,12,16,12,15,12,15,9	7,10,7,9,7,9,5
1,2,4,8,12,16,13,	1,4,7,10,8,4,
8,12,16,12,15,19	7,10,7,9,12
1,2,4,8,12,16,13,8,	1,4,7,10,8,4,7,
12,16,12,15,20,25,30	10,7,9,13,17,21
1,2,4,8,12,16,13,8,	1,4,7,10,8,4,7,10,
12,16,12,15,20,25,30,26	7,9,13,17,21,18
1,2,4,8,12,16, 13,8,12,16,12,16	1,4,7,10,8,4,7,10,7,10
1,2,4,8,12,16, 13,8,12,16,13	1,4,7,10,8,4,7,10,8
1,2,4,8,12,16,13,9	1,4,7,10,8,5
1,2,4,8,12,16, 13,11,8,12,16,13	1,4,7,10,8,6,4,7,10,8
1,2,4,8,12,16,13,11,15	1,4,7,10,8,6,9
1,2,4,8,12,16,	1,4,7,10,8,6,10,14,17,11
13,11,16,21,25,17	
1,2,4,8,12,16, 13,11,16,21,26,22	1,4,7,10,8,6,10,14,18,15
1,2,4,8,12,16,13,12	1,4,7,10,8,7

Y 序列	0-Y 序列
1,2,4,8,12,16,13,12,11,15	1,4,7,10,8,7,6,9
1,2,4,8,12,16,	1,4,7,10,8,7,
13,12,11,16,21,25,17	6,10,14,17,11
1,2,4,8,12,16,	1,4,7,10,8,7,6,10,14,18
13,12,11,16,21,26	1.45.10.05
1,2,4,8,12,16,	1,4,7,10,8,7,
13,12,11,16,21,26,21	6,10,14,18,14
1,2,4,8,12,16,13,	1,4,7,10,8,7,6,
12,11,16,21,26,21,25,17	10,14,18,14,17,11
1,2,4,8,12,16,13,	1,4,7,10,8,7,6,
12,11,16,21,26,21,26	10,14,18,14,18
1,2,4,8,12,16,13,	1,4,7,10,8,7,
12,11,16,21,26,22	6,10,14,18,15
1,2,4,8,12,16,13,	1,4,7,10,8,7,6,
12,11,16,21,26,22,21	10,14,18,15,14
1,2,4,8,12,16,13,12,12	1,4,7,10,8,7,7
1,2,4,8,12,16,13,12,13	1,4,7,10,8,7,8
1,2,4,8,12,16,13,12,15,9	1,4,7,10,8,7,9,5
1,2,4,8,12,16,	1,4,7,10,8,7,9,6,9
13,12,15,11,16	1 4 7 10 0 7 0
1,2,4,8,12,16,	1,4,7,10,8,7,9,
13,12,15,11,16,21,25,17	6,10,14,17,11
1,2,4,8,12,16,	1,4,7,10,8,7,
13,12,15,11,16,21,26	9,6,10,14,18
1,2,4,8,12,16,13,	1,4,7,10,8,7,9,
12,15,11,16,21,26,22	6,10,14,18,15
1,2,4,8,12,16,13,12,15,12	1,4,7,10,8,7,9,7
1,2,4,8,12,16,13,12,15,19	1,4,7,10,8,7,9,12
1,2,4,8,12,16,	1,4,7,10,8,7,
13,12,15,20,25,29,21	9,13,17,20,14
1,2,4,8,12,16,	1,4,7,10,8,
13,12,15,20,25,30	7,9,13,17,21
1,2,4,8,12,16,	1,4,7,10,8,7,
13,12,15,20,25,30,26	9,13,17,21,18
1,2,4,8,12,16,13,	1,4,7,10,8,7,9,13,
12,15,20,25,30,26,25,29,21	17,21,18,17,20,14
1,2,4,8,12,16,13,12,16	1,4,7,10,8,7,10

	I
Y 序列	0 – Y 序列
1,2,4,8,12,16,13,12,16,13	1,4,7,10,8,7,10,8
1,2,4,8,12,16,13,13	1,4,7,10,8,8
1,2,4,8,12,16,13,14	1,4,7,10,8,9
1,2,4,8,12,16,13,15	1,4,7,10,8,10
1,2,4,8,12,16, 13,15,19,23,27,24	1,4,7,10,8,11,14,17,15
1,2,4,8,12,16,14	1,4,7,10,9
1,2,4,8,12,16,14,2	1,4,7,10,9,2
1,2,4,8,12,16,14,4	1,4,7,10,9,3
1,2,4,8,12,16,	1,4,7,10,9,3,7,11,
14,8,12,16,13	15,13,7,11,15,12
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1,2,4,8,12,16,14,9	7,11,15,13,8
	1,4,7,10,9,3,
1,2,4,8,12,16,14,10	7,11,15,13,9
	1,4,7,10,9,3,
1,2,4,8,12,16,14,10,9	7,11,15,13,9,8
	1,4,7,10,9,3,7,
1,2,4,8,12,16,14,10,11	
	11,15,13,9,10
1,2,4,8,12,16,14,10,12	1,4,7,10,9,3,7,
10401010	11,15,13,9,11
1,2,4,8,12,16,	1,4,7,10,9,3,7,11,
14,10,14,18,22,19	15,13,9,13,17,21,18
1,2,4,8,12,16,	1,4,7,10,9,3,7,11,
14,11,8,12,16,14	15,13,10,7,11,15,13
1,2,4,8,12,16,15	1,4,7,10,9,
	3,7,11,15,14
1,2,4,8,12,16,15,8	1,4,7,10,9,4
1,2,4,8,12,16, 15,8,12,15,9	1,4,7,10,9,4,7,9,5
1,2,4,8,12,16,15,8,12,16	1,4,7,10,9,4,7,10
1,2,4,8,12,16, 15,8,12,16,13	1,4,7,10,9,4,7,10,8

Y 序列	0-Y序列
1,2,4,8,12,16,	1 4 7 10 0 4 7 10 0
15,8,12,16,14	1,4,7,10,9,4,7,10,9
1,2,4,8,12,16,15,9	1,4,7,10,9,5
1,2,4,8,12,16,15,9,8	1,4,7,10,9,5,4
1,2,4,8,12,16, 15,9,8,12,16	1,4,7,10,9,5,4,7,10
1,2,4,8,12,16, 15,9,8,12,16,14	1,4,7,10,9,5,4,7,10,9
1,2,4,8,12,16,15,9,	1,4,7,10,9,5,4,
8,12,16,15,8,12,16,14	7,10,9,4,7,10,9
1,2,4,8,12,16,	1,4,7,10,9,
15,9,8,12,16,15,9	5,4,7,10,9,5
1,2,4,8,12,16,15,9,9	1,4,7,10,9,5,5
1,2,4,8,12,16,15,10	1,4,7,10,9,6
1,2,4,8,12,16,	1,4,7,10,9,6,4,7,10,9
15,11,8,12,16,14	1 4 7 10 0 6
1,2,4,8,12,16,	1,4,7,10,9,6,
15,11,8,12,16,15,9	4,7,10,9,5 1,4,7,10,9,6,8
1,2,4,8,12,16,15,11,15	1,4,7,10,9,6,9
1,2,4,8,12,16,15,11,16	1,4,7,10,9,6,10
1,2,4,8,12,16,	1,4,7,10,9,6,
15,11,16,21,25,17	10,14,17,11
1,2,4,8,12,16,	1,4,7,10,9,6,10,14,18
15,11,16,21,26	1 4 7 10 0 6 10
1,2,4,8,12,16, 15,11,16,21,26,21,25,17	1,4,7,10,9,6,10, 14,18,14,17,11
1,2,4,8,12,16,	1,4,7,10,9,6,
, , , , , , ,	, , , , , , ,
15,11,16,21,26,21,26 1,2,4,8,12,16,	10,14,18,14,18
15,11,16,21,26,22	6,10,14,18,15
1,2,4,8,12,16,15,11,	1,4,7,10,9,6,10,
16,21,26,24,8,12,16,15,9	14,18,16,4,7,10,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,6,
11,16,21,26,24,9	10,14,18,16,5
1,2,4,8,12,16,15,	1,4,7,10,9,6,
11,16,21,26,24,15	10,14,18,16,9
	<u> </u>

Y 序列	0 – Y 序列
1,2,4,8,12,16,15,	1,4,7,10,9,6,
11,16,21,26,24,20	10,14,18,16,13
1,2,4,8,12,16,15,	1,4,7,10,9,6,
11,16,21,26,24,21	10,14,18,16,14
1,2,4,8,12,16,15,	1,4,7,10,9,6,10,
11,16,21,26,24,21,25,17	14,18,16,14,17,11
1,2,4,8,12,16,15,	1,4,7,10,9,6,10,
11,16,21,26,24,21,26	14,18,16,14,18
1,2,4,8,12,16,15,	1,4,7,10,9,6,10,
11,16,21,26,24,21,26,22	14,18,16,14,18,15
1,2,4,8,12,16,15,	1,4,7,10,9,6,
11,16,21,26,24,28	10,14,18,16,19
1,2,4,8,12,16,15,	1,4,7,10,9,6,
11,16,21,26,25	10,14,18,17
1,2,4,8,12,16,15,	1,4,7,10,9,6,
11,16,21,26,25,17	10,14,18,17,11
1,2,4,8,12,16,15,12	1,4,7,10,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,11,16,21,26,25,21	6,10,14,18,17,14
1,2,4,8,12,16,15,12,12	1,4,7,10,9,7,7
1,2,4,8,12,16,15,12,13	1,4,7,10,9,7,8
1,2,4,8,12,16,15,12,14	1,4,7,10,9,7,9
1,2,4,8,12,16,15,12,15,8	1,4,7,10,9,7,9,4
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,15,8,12,16,15,12,14	9,4,7,10,9,7,9
1,2,4,8,12,16,15,12,15,9	1,4,7,10,9,7,9,5
1,2,4,8,12,16,15,12,15,12	1,4,7,10,9,7,9,7
1,2,4,8,12,16,	1,4,7,10,9,7,9,9,7
15,12,15,15,12	
1,2,4,8,12,16, 15,12,15,18,12	1,4,7,10,9,7,9,11,7
1,2,4,8,12,16,15,12,15,19	1,4,7,10,9,7,9,12
1,2,4,8,12,16,15,12,15,20	1,4,7,10,9,7,9,13
1,2,4,8,12,16, 15,12,15,20,25,29	1,4,7,10,9,7,9,13,17,20

Y 序列	0 – Y 序列
1,2,4,8,12,16,15,	1,4,7,10,9,7,
$12,\!15,\!20,\!25,\!29,\!21$	9,13,17,20,14
1,2,4,8,12,16,15,	1,4,7,10,9,7,
$12,\!15,\!20,\!25,\!29,\!25$	9,13,17,20,17
1,2,4,8,12,16,	1,4,7,10,9,7,9,13,17,21
15,12,15,20,25,30	1,4,1,10,9,1,9,10,11,21
1,2,4,8,12,16,15,	1,4,7,10,9,7,9,
12,15,20,25,30,25,29,21	13,17,21,17,20,14
1,2,4,8,12,16,15,	1,4,7,10,9,7,
$12,\!15,\!20,\!25,\!30,\!25,\!30$	9,13,17,21,17,21
1, 2, 4, 8, 12, 16, 15,	1,4,7,10,9,7,
12,15,20,25,30,26	9,13,17,21,18
1, 2, 4, 8, 12, 16, 15,	1,4,7,10,9,7,9,
$12,\!15,\!20,\!25,\!30,\!28,\!9$	13,17,21,19,5
1, 2, 4, 8, 12, 16, 15,	1,4,7,10,9,7,
$12,\!15,\!20,\!25,\!30,\!29$	9,13,17,21,20
1,2,4,8,12,16,15,	1,4,7,10,9,7,
$12,\!15,\!20,\!25,\!30,\!29,\!21$	9,13,17,21,20,14
1,2,4,8,12,16,15,12,16	1,4,7,10,9,7,10
1,2,4,8,12,16,15,12,	1,4,7,10,9,7,10,
$16,\!11,\!16,\!21,\!26,\!25,\!21,\!26$	6,10,14,18,17,14,18
1,2,4,8,12,16,15,12,16,12	1,4,7,10,9,7,10,7
1,2,4,8,12,16,	1 4 7 10 0 7 10 7 0
15,12,16,12,14	1,4,7,10,9,7,10,7,9
1,2,4,8,12,16,	1,4,7,10,9,7,10,7,9,5
15,12,16,12,15,9	1,1,1,10,0,1,10,1,0,0
1,2,4,8,12,16,	1,4,7,10,9,7,10,7,9,6
15,12,16,12,15,10	1,1,1,10,0,1,10,1,0,0
1,2,4,8,12,16,	1,4,7,10,9,7,10,7,9,7
15,12,16,12,15,12	1,1,1,10,0,1,10,1,0,1
1,2,4,8,12,16,15,	1,4,7,10,9,7,10,7,9,7,9
12,16,12,15,12,14	1,1,1,10,0,1,10,1,0,1,0
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,16,12,15,12,15,9	10,7,9,7,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,7,10,7,9,8
12,16,12,15,13	1,1,1,10,0,1,10,1,0,0
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,16,12,15,15,12	10,7,9,9,7

	T
Y 序列	0-Y 序列
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,16,12,15,18,12	10,7,9,11,7
1,2,4,8,12,16,15,	1 4 7 10 0 7 10 7 0 19
12,16,12,15,19	1,4,7,10,9,7,10,7,9,12
1,2,4,8,12,16,15,12,	1,4,7,10,9,7,10,7,
16,12,15,20,25,30,29,21	9,13,17,21,20,14
1,2,4,8,12,16,	1 4 7 10 0 7 10 7 10
15,12,16,12,16	1,4,7,10,9,7,10,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,16,12,16,12,15,9	10,7,10,7,9,5
1,2,4,8,12,16,15,12,16,13	1,4,7,10,9,7,10,8
1,2,4,8,12,16,	1 47 10 0 7 10 0 5
15,12,16,13,9	1,4,7,10,9,7,10,8,5
1,2,4,8,12,16,	1 4 7 10 0 7 10 0 7
15,12,16,13,12	1,4,7,10,9,7,10,8,7
1,2,4,8,12,16,	1 4 7 10 0 7 10 9 7 0
15,12,16,13,12,14	1,4,7,10,9,7,10,8,7,9
1,2,4,8,12,16,	1,4,7,10,9,7,
15,12,16,13,12,15,9	10,8,7,9,5
1,2,4,8,12,16,	1,4,7,10,9,7,10,8,7,10
15,12,16,13,12,16	1,4,1,10,9,1,10,0,1,10
1,2,4,8,12,16,15,	1,4,7,10,9,7,10,
12,16,13,12,16,12,15,9	8,7,10,7,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,16,13,12,16,12,16	10,8,7,10,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,16,13,12,16,13	10,8,7,10,8
1,2,4,8,12,16,	1,4,7,10,9,7,10,8,8
15,12,16,13,13	1,4,7,10,9,7,10,0,0
1,2,4,8,12,16,15,12,16,14	1,4,7,10,9,7,10,9
1,2,4,8,12,16,	1,4,7,10,9,7,10,9,4
15,12,16,15,8	1,4,7,10,9,7,10,9,4
1,2,4,8,12,16,	1,4,7,10,9,7,10,9,5
15,12,16,15,9	1,4,7,10,9,7,10,9,9
1,2,4,8,12,16,15,	1,4,7,10,9,
12,16,15,12,15,19	7,10,9,7,9,12
1,2,4,8,12,16,	1,4,7,10,9,7,10,9,7,10
15,12,16,15,12,16	1,4,1,10,3,1,10,3,1,10

Y 序列	0 – Y 序列
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,16,15,12,16,12,16	10,9,7,10,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,16,15,12,16,13	10,9,7,10,8
1,2,4,8,12,16,15,	1,4,7,10,9,7,
12,16,15,12,16,15,9	10,9,7,10,9,5
1,2,4,8,12,16,15,12,	1,4,7,10,9,7,10,
16,15,12,16,15,12,16,15,9	9,7,10,9,7,10,9,5
1,2,4,8,12,16,15,13	1,4,7,10,9,8
1,2,4,8,12,16,15,13,8	1,4,7,10,9,8,4
1,2,4,8,12,16,	1 4 7 10 0 0 4 7 0 5
15,13,8,12,15,9	1,4,7,10,9,8,4,7,9,5
1,2,4,8,12,16,15,13,	1,4,7,10,9,8,4,7,
8,12,15,11,16,21,26,25,22	9,6,10,14,18,17,15
1,2,4,8,12,16,	1 4 7 10 0 9 4 7 0 7
15,13,8,12,15,12	1,4,7,10,9,8,4,7,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,8,4,
13,8,12,15,20,25,30,29,26	7,9,13,17,21,20,18
1,2,4,8,12,16,	1 4 7 10 0 9 4 7 10
15,13,8,12,16	1,4,7,10,9,8,4,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,8,
13,8,12,16,12,15,9	4,7,10,7,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,8,
13,8,12,16,12,15,12	4,7,10,7,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,8,
13,8,12,16,12,16	4,7,10,7,10
1,2,4,8,12,16,	1 4 7 10 0 0 4 7 10 0
15,13,8,12,16,13	1,4,7,10,9,8,4,7,10,8
1,2,4,8,12,16,	1 4 7 10 0 9 4 7 10 0
15,13,8,12,16,14	1,4,7,10,9,8,4,7,10,9
1,2,4,8,12,16,	1,4,7,10,9,8,
15,13,8,12,16,15,9	4,7,10,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,8,
13,8,12,16,15,12	4,7,10,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,8,
13,8,12,16,15,12,14	4,7,10,9,7,9
1,2,4,8,12,16,15,	1,4,7,10,9,8,
13,8,12,16,15,12,16	4,7,10,9,7,10

	I
Y 序列	0-Y 序列
1,2,4,8,12,16,15,	1,4,7,10,9,8,4,
13,8,12,16,15,12,16,13	7,10,9,7,10,8
1,2,4,8,12,16,15,	1,4,7,10,9,8,4,7,
13,8,12,16,15,12,16,15,9	10,9,7,10,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,
13,8,12,16,15,13	8,4,7,10,9,8
1,2,4,8,12,16,15,13,9	1,4,7,10,9,8,5
1,2,4,8,12,16,15,13,10	1,4,7,10,9,8,6
1,2,4,8,12,16,15,	1,4,7,10,9,8,
13,11,8,12,16,15,13	6,4,7,10,9,8
1,2,4,8,12,16,15,	1,4,7,10,9,8,
13,11,16,21,26,25,22	6,10,14,18,17,15
1,2,4,8,12,16,15,13,12	1,4,7,10,9,8,7
1,2,4,8,12,16, 15,13,12,15,9	1,4,7,10,9,8,7,9,5
1,2,4,8,12,16,15,13,12,16	1,4,7,10,9,8,7,10
1,2,4,8,12,16,	1,4,7,10,9,8,7,10,7
15,13,12,16,12	
1,2,4,8,12,16,15,	1,4,7,10,9,8,
13,12,16,12,15,9	7,10,7,9,5
1,2,4,8,12,16,	1,4,7,10,9,8,7,10,7,10
15,13,12,16,12,16	
1,2,4,8,12,16,	1,4,7,10,9,8,7,10,8
15,13,12,16,13	
1,2,4,8,12,16,	1,4,7,10,9,8,7,10,9
15,13,12,16,14	
1,2,4,8,12,16,	1,4,7,10,9,8,7,10,9,5
15,13,12,16,15,9	
1,2,4,8,12,16,	1,4,7,10,9,8,7,10,9,7
15,13,12,16,15,12 1,2,4,8,12,16,	1,4,7,10,9,8,
, , , , , , ,	7,10,9,7,10
15,13,12,16,15,12,16 1,2,4,8,12,16,15,	1,4,7,10,9,8,
	, , , , , ,
13,12,16,15,12,16,14 1,2,4,8,12,16,15,	7,10,9,7,10,9
13,12,16,15,12,16,15,9	10,9,7,10,9,5
13,12,10,13,12,10,13,9	10,9,7,10,9,0
, , , , , ,	1,4,7,10,9,8,7,10,9,8
15,13,12,16,15,13	

Y 序列	0 – Y 序列
1,2,4,8,12,16,15,13,13	1,4,7,10,9,8,8
1,2,4,8,12,16,15,14	1,4,7,10,9,9
1,2,4,8,12,16,15,15,8	1,4,7,10,9,9,4
1,2,4,8,12,16,	1,4,7,10,9,9,
15,15,8,12,16,15,14	4,7,10,9,9
1,2,4,8,12,16,15,15,9	1,4,7,10,9,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,9,
15,9,8,12,16,15,15,9	5,4,7,10,9,9,5
1,2,4,8,12,16,15,15,10	1,4,7,10,9,9,6
1,2,4,8,12,16,15,	1,4,7,10,9,9,
15,11,8,12,16,15,15,9	6,4,7,10,9,9,5
1,2,4,8,12,16,15,15,11,16	1,4,7,10,9,9,6,10
1,2,4,8,12,16,	1,4,7,10,9,9,6,10,14,18
15,15,11,16,21,26	1,4,1,10,9,9,0,10,14,10
1,2,4,8,12,16,	1,4,7,10,9,9,6,
15,15,11,16,21,26,25,17	10,14,18,17,11
1,2,4,8,12,16,15,	1,4,7,10,9,9,6,
15,11,16,21,26,25,25,17	10,14,18,17,17,11
1,2,4,8,12,16,15,15,12	1,4,7,10,9,9,7
1,2,4,8,12,16, $15,15,12,15,12$	1,4,7,10,9,9,7,9,7
1,2,4,8,12,16, 15,15,12,15,20	1,4,7,10,9,9,7,9,13
1,2,4,8,12,16,15,	1,4,7,10,9,9,
$15,\!12,\!15,\!20,\!25,\!30$	7,9,13,17,21
1,2,4,8,12,16,15,	1,4,7,10,9,9,7,
$15,\!12,\!15,\!20,\!25,\!30,\!29,\!21$	9,13,17,21,20,14
1,2,4,8,12,16,15,15,	1,4,7,10,9,9,7,9,
$12,\!15,\!20,\!25,\!30,\!29,\!29,\!21$	13,17,21,20,20,14
1,2,4,8,12,16,15,15,12,16	1,4,7,10,9,9,7,10
1,2,4,8,12,16,	1,4,7,10,9,9,7,10,7
15,15,12,16,12	1,4,1,10,9,9,1,10,1
1,2,4,8,12,16,15,	1,4,7,10,9,9,
15,12,16,12,15,9	7,10,7,9,5
1,2,4,8,12,16,15, $15,12,16,12,16$	1,4,7,10,9,9,7,10,7,10
10,12,10,12,10	

Y 序列	0-Y 序列
1,2,4,8,12,16,	1,4,7,10,9,9,7,10,8
15,15,12,16,13	1,4,7,10,9,9,7,10,0
1,2,4,8,12,16,	1,4,7,10,9,
15,15,12,16,15,9	9,7,10,9,5
1,2,4,8,12,16,	1,4,7,10,9,
15,15,12,16,15,12	9,7,10,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,9,7,
15,12,16,15,12,16,15,9	10,9,7,10,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,9,7,10,9,8
15,12,16,15,13,9	1,4,7,10,9,9,7,10,9,6
1,2,4,8,12,16,15,	1,4,7,10,9,
15,12,16,15,15,9	9,7,10,9,9,5
1,2,4,8,12,16,15,15,12,	1,4,7,10,9,9,7,
16,15,15,12,16,15,15,9	10,9,9,7,10,9,9,5
1,2,4,8,12,16,15,15,13	1,4,7,10,9,9,8
1,2,4,8,12,16,15,15,15,9	1,4,7,10,9,9,9,5
1,2,4,8,12,16,15,16	1,4,7,10,9,10
1,2,4,8,12,16,15,16,8	1,4,7,10,9,10,4
1,2,4,8,12,16,	1,4,7,10,9,10,4,7,9,5
15,16,8,12,15,9	1,4,7,10,9,10,4,7,9,0
1,2,4,8,12,16,15,16,8,	1,4,7,10,9,10,4,7,
12,15,11,16,21,26,25,26	9,6,10,14,18,17,18
1,2,4,8,12,16,	1,4,7,10,9,10,4,7,9,7
15,16,8,12,15,12	1,1,1,10,0,10,1,1,0,1
1,2,4,8,12,16,	1,4,7,10,9,10,4,7,9,12
15,16,8,12,15,19	1,4,1,10,0,10,4,1,0,12
1,2,4,8,12,16,15,	1,4,7,10,9,10,4,
16,8,12,15,20,25,29,21	7,9,13,17,20,14
1,2,4,8,12,16,15,	1,4,7,10,9,10,
16,8,12,15,20,25,30	4,7,9,13,17,21
1,2,4,8,12,16,15,	1,4,7,10,9,10,4,
16,8,12,15,20,25,30,29,30	7,9,13,17,21,20,21
1,2,4,8,12,16,15,16,8,	1,4,7,10,9,10,4,7,
12,15,20,25,30,29,30,19	9,13,17,21,20,21,12
1,2,4,8,12,16,	1,4,7,10,9,10,4,7,10
15,16,8,12,16	1,4,1,10,9,10,4,1,10
1,2,4,8,12,16,15,	1,4,7,10,9,10,4,
16,8,12,16,12,15,9	7,10,7,9,5

Y 序列	0-Y 序列
1,2,4,8,12,16,15,	1,4,7,10,9,10,
16,8,12,16,12,16	4,7,10,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,10,4,7,10,8
16,8,12,16,13	1,4,7,10,9,10,4,7,10,0
1,2,4,8,12,16,15,	1,4,7,10,9,10,
16,8,12,16,15,9	4,7,10,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,10,
16,8,12,16,15,12	4,7,10,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,10,
16,8,12,16,15,12,16	4,7,10,9,7,10
1,2,4,8,12,16,15,16,	1,4,7,10,9,10,
8,12,16,15,12,16,15,9	4,7,10,9,7,10,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,10,
16,8,12,16,15,13	4,7,10,9,8
1,2,4,8,12,16,15,	1,4,7,10,9,10,
16,8,12,16,15,15,9	4,7,10,9,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,
16,8,12,16,15,16	10,4,7,10,9,10
1,2,4,8,12,16,15,16,9	1,4,7,10,9,10,5
1,2,4,8,12,16,15,	1,4,7,10,9,10,
16,11,8,12,16,15,16	6,4,7,10,9,10
1,2,4,8,12,16,15,16,11,16	1,4,7,10,9,10,6,10
1,2,4,8,12,16, 15,16,11,16,21,26	1,4,7,10,9,10,6,10,14,18
1,2,4,8,12,16,15,	1,4,7,10,9,10,6,
16,11,16,21,26,25,26	10,14,18,17,18
	, , , ,
1,2,4,8,12,16,15,16,12	1,4,7,10,9,10,7
1,2,4,8,12,16,	1,4,7,10,9,10,7,9,5
15,16,12,15,9	, , , , - , - , - , - , - , -
1,2,4,8,12,16,	1,4,7,10,9,10,7,9,7
15,16,12,15,12	, , , , -, - , - , - , - , -
1,2,4,8,12,16,	1,4,7,10,9,10,7,9,13
15,16,12,15,20	, , , , , , , , ,
1,2,4,8,12,16,15,	1,4,7,10,9,10,
16,12,15,20,25,30	7,9,13,17,21
1,2,4,8,12,16,15,16,12,16	1,4,7,10,9,10,7,10
1,2,4,8,12,16,	1,4,7,10,9,10,7,10,7,9,5
15,16,12,16,12,15,9	-, -, -, -, -, -, -, -, -, -, -, -, -, -

Y 序列	0-Y 序列
1,2,4,8,12,16,	1,4,7,10,9,10,7,10,7,10
15,16,12,16,12,16	1,1,1,120,0,120,1,120,1,120
1,2,4,8,12,16,	1,4,7,10,9,10,7,10,8
15,16,12,16,13	1,1,1,10,0,10,1,10,0
1,2,4,8,12,16,	1,4,7,10,9,10,7,10,9,5
15,16,12,16,15,9	1,1,1,10,0,10,1,10,0,0
1,2,4,8,12,16,	1,4,7,10,9,10,7,10,9,10
15,16,12,16,15,16	, , , , , , , , , , , ,
1,2,4,8,12,16,15,16,13	1,4,7,10,9,10,8
1,2,4,8,12,16,15,16,15,9	1,4,7,10,9,10,9,5
1,2,4,8,12,16,15,16,15,12	1,4,7,10,9,10,9,7
1,2,4,8,12,16, 15,16,15,15,9	1,4,7,10,9,10,9,9,5
1,2,4,8,12,16,15,16,15,16	1,4,7,10,9,10,9,10
1,2,4,8,12,16,15,16,16	1,4,7,10,9,10,10
1,2,4,8,12,16,15,17	1,4,7,10,9,11
1,2,4,8,12,16,15,18,9	1,4,7,10,9,11,5
1,2,4,8,12,16,15,	1,4,7,10,9,11,5,
18,9,8,12,16,15,18,9	4,7,10,9,11,5
1,2,4,8,12,16,15,18,10	1,4,7,10,9,11,6
1,2,4,8,12,16,15,	
18,11,16,21,26,25,29,17	
1,2,4,8,12,16,15,18,12	1,4,7,10,9,11,7
1,2,4,8,12,16,	1,4,7,10,9,11,7,9,5
15,18,12,15,9	1,1,1,10,0,11,1,0,0
1,2,4,8,12,16,15,18,	1,4,7,10,9,11,7,9,
12,15,20,25,30,29,33,21	13,17,21,20,23,14
1,2,4,8,12,16,15,18,12,16	1,4,7,10,9,11,7,10
1,2,4,8,12,16,	1,4,7,10,9,11,7,10,8
15,18,12,16,13	2, 1, 1, 10, 0, 11, 1, 10, 0
1,2,4,8,12,16,	1,4,7,10,9,11,7,10,9,5
15,18,12,16,15,9	-, -, , , - 0, 0, - 1, 1, 10, 0, 0
1,2,4,8,12,16,	1,4,7,10,9,11,7,10,9,10
15,18,12,16,15,16	_, _, ,, , _ ,, , , _ ,, , , , , , , ,

Y 序列	0 – Y 序列
1,2,4,8,12,16,	1,4,7,10,9,11,
15,18,12,16,15,18,9	7,10,9,11,5
1,2,4,8,12,16,15,18,13	1,4,7,10,9,11,8
1,2,4,8,12,16,15,18,15,9	1,4,7,10,9,11,9,5
1,2,4,8,12,16,15,18,15,16	1,4,7,10,9,11,9,10
1,2,4,8,12,16, 15,18,15,18,9	1,4,7,10,9,11,9,11,5
1,2,4,8,12,16,15,18,16	1,4,7,10,9,11,10
1,2,4,8,12,16,15,18,18,9	1,4,7,10,9,11,11,5
1,2,4,8,12,16,15,18,19	1,4,7,10,9,11,12
1,2,4,8,12,16,15,18,21,9	1,4,7,10,9,11,13,5
1,2,4,8,12,16,15,18,21,22	1,4,7,10,9,11,13,14
1,2,4,8,12,16, 15,18,21,24,9	1,4,7,10,9,11,13,15,5
1,2,4,8,12,16,15,19	1,4,7,10,9,12
1,2,4,8,12,16,15,19,8	1,4,7,10,9,12,4
1,2,4,8,12,16, 15,19,8,12,15,9	1,4,7,10,9,12,4,7,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,15,11,16,21,25,17	7,9,6,10,14,17,11
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,15,11,16,21,26	4,7,9,6,10,14,18
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,15,11,16,21,26,21	7,9,6,10,14,18,14
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,11,16,21,26,21,26	9,6,10,14,18,14,18
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,7,
19,8,12,15,11,16,21,26,22	9,6,10,14,18,15
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,11,16,21,26,22,21	9,6,10,14,18,15,14
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,11,16,21,26,22,22	9,6,10,14,18,15,15
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,11,16,21,26,25,17	9,6,10,14,18,17,11

	I
Y 序列	0-Y 序列
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,11,16,21,26,25,22	9,6,10,14,18,17,15
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,11,16,21,26,25,26	9,6,10,14,18,17,18
1,2,4,8,12,16,	1 4 7 10 0 19 4 7 0 7
15,19,8,12,15,12	1,4,7,10,9,12,4,7,9,7
1,2,4,8,12,16,	1,4,7,10,9,
15,19,8,12,15,12,12	12,4,7,9,7,7
1,2,4,8,12,16,15,	1,4,7,10,9,
19,8,12,15,12,14	12,4,7,9,7,9
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,15,12,15,9	4,7,9,7,9,5
1,2,4,8,12,16,	1,4,7,10,9,12,4,7,9,8
15,19,8,12,15,13	1,4,7,10,9,12,4,7,9,0
1,2,4,8,12,16,	1,4,7,10,9,12,4,7,9,9
15,19,8,12,15,14	1,4,7,10,9,12,4,7,9,9
1,2,4,8,12,16,	1,4,7,10,9,12,
15,19,8,12,15,15,12	4,7,9,9,5
1,2,4,8,12,16,	1,4,7,10,9,12,4,7,9,10
15,19,8,12,15,16	1,4,7,10,9,12,4,7,9,10
1,2,4,8,12,16,	1,4,7,10,9,12,
15,19,8,12,15,18,12	4,7,9,11,5
1,2,4,8,12,16,	1,4,7,10,9,12,4,7,9,12
15,19,8,12,15,19	1,4,1,10,9,12,4,1,9,12
1,2,4,8,12,16,	1,4,7,10,9,12,4,7,9,13
15,19,8,12,15,20	1,4,1,10,3,12,4,1,3,13
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,15,20,25,29,21	7,9,13,17,20,14
1,2,4,8,12,16,	1,4,7,10,9,12,
15,19,8,12,15,20,25,30	4,7,9,13,17,21
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,15,20,25,30,25	7,9,13,17,21,17
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,20,25,30,25,29,21	9,13,17,21,17,20,14
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,20,25,30,29,21	9,13,17,21,20,14
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,20,25,30,29,35	9,13,17,21,20,24
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,20,25,30,29,35,13	9,13,17,21,20,24,8

Y 序列	0-Y序列
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,20,25,30,29,35,16	9,13,17,21,20,24,10
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,15,20,25,30,29,35,19	9,13,17,21,20,24,12
1,2,4,8,12,16,	
15,19,8,12,16	1,4,7,10,9,12,4,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,8,12,15,9	4,7,10,4,7,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,8,12,15,12	4,7,10,4,7,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,8,12,15,19	4,7,10,4,7,9,12
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,8,12,16	4,7,10,4,7,10
1,2,4,8,12,16,	1 4 7 10 0 19 4 7 10 5
15,19,8,12,16,9	1,4,7,10,9,12,4,7,10,5
1,2,4,8,12,16,15,	1,4,7,10,9,
19,8,12,16,11,15	12,4,7,10,6,9
1,2,4,8,12,16,15,19,8,	1,4,7,10,9,12,4,7,
12,16,11,16,21,26,25,30	10,6,10,14,18,17,21
1,2,4,8,12,16,	1 4 7 10 0 12 4 7 10 7
15,19,8,12,16,12	1,4,7,10,9,12,4,7,10,7
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,
8,12,16,12,8,12,15,9	4,7,10,7,4,7,9,5
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,
8,12,16,12,8,12,15,12	4,7,10,7,4,7,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,12,8,12,16	4,7,10,7,4,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,12,8,12,16,12	7,10,7,4,7,10,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,12,12	4,7,10,7,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,12,13	4,7,10,7,8
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,12,15,9	4,7,10,7,9,5
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,12,15,9,8,12,16	7,10,7,9,5,4,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,12,15,9,9	7,10,7,9,5,5

Y 序列	0-Y序列
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,12,15,12	4,7,10,7,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,12,15,12,15,9	7,10,7,9,7,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,12,15,15,9	7,10,7,9,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,12,15,18,9	7,10,7,9,11,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,12,15,19	4,7,10,7,9,12
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,12,15,20	4,7,10,7,9,13
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,12,16	4,7,10,7,10
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,12,16,8,12,15,9	7,10,7,10,4,7,9,5
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,16,12,16,8,12,15,12	10,7,10,4,7,9,7
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,12,16,8,12,16	7,10,7,10,4,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,12,16,12	4,7,10,7,10,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,12,16,12,15,9	7,10,7,10,7,9,5
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,12,16,12,15,12	7,10,7,10,7,9,7
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,12,16,12,16	7,10,7,10,7,10
1,2,4,8,12,16,	1,4,7,10,9,12,4,7,10,8
15,19,8,12,16,13	1,4,1,10,0,12,4,1,10,0
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,13,8,12,15,9	4,7,10,8,4,7,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,13,8,12,15,12	7,10,8,4,7,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,13,8,12,16	4,7,10,8,4,7,10
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,13,8,12,16,12,16	7,10,8,4,7,10,7,10
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,13,8,12,16,13	7,10,8,4,7,10,8

Y 序列	0-Y 序列
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,13,11,15	4,7,10,8,6,9
1,2,4,8,12,16,15,19,8,	1,4,7,10,9,12,4,7,
12,16,13,11,16,21,25,17	10,8,6,10,14,17,11
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,7,
8,12,16,13,11,16,21,26	10,8,6,10,14,18
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,13,12	4,7,10,8,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,13,12,15,9	7,10,8,7,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,13,12,16	4,7,10,8,7,10
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,13,13	4,7,10,8,8
1,2,4,8,12,16,	1,4,7,10,9,12,4,7,10,9
15,19,8,12,16,14	1,1,1,10,0,12,1,1,10,0
1,2,4,8,12,16,	1,4,7,10,9,12,
15,19,8,12,16,15,9	4,7,10,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,11,15	4,7,10,9,6,9
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,12	4,7,10,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,15,12,15,9	7,10,9,7,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,15,12,15,19	7,10,9,7,9,12
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,12,16	4,7,10,9,7,10
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,15,12,16,11,15	7,10,9,7,10,6,9
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,15,12,16,12	7,10,9,7,10,7
1,2,4,8,12,16,15,19,8,	1,4,7,10,9,12,4,
$12,\!16,\!15,\!12,\!16,\!12,\!15,\!9$	7,10,9,7,10,7,9,5
1,2,4,8,12,16,15,19,8,	1,4,7,10,9,12,4,
12,16,15,12,16,12,15,12	7,10,9,7,10,7,9,7
1,2,4,8,12,16,15,19,8,	1,4,7,10,9,12,4,7,
12,16,15,12,16,12,15,19	10,9,7,10,7,9,12
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,15,12,16,12,16	7,10,9,7,10,7,10

Y 序列	0-Y 序列
1,2,4,8,12,16,15,	1,4,7,10,9,12,4,
19,8,12,16,15,12,16,13	7,10,9,7,10,8
1,2,4,8,12,16,15,19,	1,4,7,10,9,12,4,
8,12,16,15,12,16,15,9	7,10,9,7,10,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,13	4,7,10,9,8
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,15,9	4,7,10,9,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,15,12	4,7,10,9,9,7
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,15,13	4,7,10,9,9,8
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,15,15,9	4,7,10,9,9,9,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,16	4,7,10,9,10
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,17	4,7,10,9,11
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,18,9	4,7,10,9,11,5
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,8,12,16,15,19	4,7,10,9,12
1,2,4,8,12,16,15,19,11,15	1,4,7,10,9,12,6,9
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,11,16,21,25,17	6,10,14,17,11
1,2,4,8,12,16,15,	1,4,7,10,9,12,
19,11,16,21,26,25,17	6,10,14,18,17,11
1,2,4,8,12,16,15,	1,4,7,10,9,12,6,
19,11,16,21,26,25,29,17	10,14,18,17,20,11
1,2,4,8,12,16,15,	1,4,7,10,9,12,6,
19,11,16,21,26,25,30	10,14,18,17,21
1,2,4,8,12,16,15,19,12	1,4,7,10,9,12,7
1,2,4,8,12,16,	1,4,7,10,9,12,7,9,5
15,19,12,15,9	1,4,1,10,3,12,1,3,0
1,2,4,8,12,16,15,19,12,16	1,4,7,10,9,12,7,10
1,2,4,8,12,16,	1,4,7,10,9,
15,19,12,16,12,15,9	12,7,10,7,9,5
1,2,4,8,12,16,	1,4,7,10,9,12,7,10,9,5
15,19,12,16,15,9	2,1,1,10,0,12,1,10,0,0

Y 序列	0-Y 序列
1,2,4,8,12,16,	1,4,7,10,9,12,
15,19,12,16,15,19	7,10,9,12
1,2,4,8,12,16,15,19,15,19	1,4,7,10,9,12,9,12
1,2,4,8,12,16,15,19,18,22	1,4,7,10,9,12,11,14
1,2,4,8,12,16,15,19,19	1,4,7,10,9,12,12
1,2,4,8,12,16,15,19,20	1,4,7,10,9,12,13
1, 2, 4, 8, 12, 16, 15,	1,4,7,10,9,12,
19,22,8,12,16,15,19	14,4,7,10,9,12
1,2,4,8,12,16,15,19,23	1,4,7,10,9,12,15
1,2,4,8,12,16, $15,19,23,26,9$	1,4,7,10,9,12,15,17,5
1,2,4,8,12,16, 15,19,23,26,20	1,4,7,10,9,12,15,17,13
1,2,4,8,12,16,15,19,23,27	1,4,7,10,9,12,15,18
1,2,4,8,12,16,15,	1,4,7,10,9,12,
$19,\!23,\!27,\!19,\!23,\!27$	15,18,12,15,18
1,2,4,8,12,16,15,19,24	1,4,7,10,9,12,16
1,2,4,8,12,16,15,20	1,4,7,10,9,13
1,2,4,8,12,16,15,20,25	1,4,7,10,9,13,17
1,2,4,8,12,16,15,20,25,27	1,4,7,10,9,13,17,19
1,2,4,8,12,16, $15,20,25,28,9$	1,4,7,10,9,13,17,19,5
1,2,4,8,12,16,15,20,25,29	1,4,7,10,9,13,17,20
$1,2,4,8,12,16, \\15,20,25,29,21$	1,4,7,10,9,13,17,20,14
1,2,4,8,12,16,15,20,25,30	1,4,7,10,9,13,17,21
1,2,4,8,12,16,	1,4,7,10,9,13,
15,20,25,30,29,34	17,21,20,24
1,2,4,8,12,16,15,	1,4,7,10,9,13,17,
20,25,30,29,34,39,44	21,20,24,28,32
1,2,4,8,12,16,16	1,4,7,10,10
1,2,4,8,12,16,	1,4,7,10,10,4,7,9,5
16,8,12,15,9	+, 1, 1, 10, 10, 1, 1, 0, 0

Y 序列	0 – Y 序列
1,2,4,8,12,16,	1,4,7,10,10,4,
16,8,12,15,20,25,30,30	7,9,13,17,21,21
1,2,4,8,12,16,16,	1,4,7,10,10,4,7,
8,12,15,20,25,30,30,19	9,13,17,21,21,12
1,2,4,8,12,16,16,8,12,16	1,4,7,10,10,4,7,10
1,2,4,8,12,16, 16,8,12,16,13	1,4,7,10,10,4,7,10,8
1,2,4,8,12,16,	1,4,7,10,10,4,7,10,9,12
16,8,12,16,15,19	
1,2,4,8,12,16,16,	1,4,7,10,10,4,7,
8,12,16,15,20,25,30,30	10,9,13,17,21,21
1,2,4,8,12,16,16,8,12,	1,4,7,10,10,4,7,
16,15,20,25,30,30,11,15	10,9,13,17,21,21,6,9
1,2,4,8,12,16,16,8,	1,4,7,10,10,4,7,
12,16,15,20,25,30,30,19	10,9,13,17,21,21,12
1,2,4,8,12,16, 16,8,12,16,16	1,4,7,10,10,4,7,10,10
1,2,4,8,12,16,16,9	1,4,7,10,10,5
1,2,4,8,12,16, 16,11,8,12,16,16	1,4,7,10,10,6,4,7,10,10
1,2,4,8,12,16,16,11,15	1,4,7,10,10,6,9
1,2,4,8,12,16,16,11,15,20	1,4,7,10,10,6,9,13
1,2,4,8,12,16,16,11,16	1,4,7,10,10,6,10
1,2,4,8,12,16, 16,11,16,21,25	1,4,7,10,10,6,10,14,17
1,2,4,8,12,16,	1,4,7,10,10,
16,11,16,21,25,17	6,10,14,17,11
1,2,4,8,12,16,	1,4,7,10,10,
16,11,16,21,26,26	6,10,14,18,18
1,2,4,8,12,16,16,12	1,4,7,10,10,7
1,2,4,8,12,16,16,12,14	1,4,7,10,10,7,9
1,2,4,8,12,16,16,	1,4,7,10,10,
12,15,8,12,16,16	7,9,4,7,10,10
1,2,4,8,12,16,16,12,15,9	1,4,7,10,10,7,9,5
1,2,4,8,12,16,16,12,15,19	1,4,7,10,10,7,9,12

Y 序列	0 – Y 序列
1,2,4,8,12,16,16,	1,4,7,10,10,7,
12,15,20,25,29,21	9,13,17,20,14
1,2,4,8,12,16,16,12,	1,4,7,10,10,7,9,
15,20,25,30,30,25,29,21	13,17,21,21,17,20,14
1,2,4,8,12,16,16,12,16	1,4,7,10,10,7,10
1,2,4,8,12,16,	1,4,7,10,10,7,10,7,9,5
16,12,16,12,15,9	, , , , , , , , , , , , , , , , , , , ,
1,2,4,8,12,16,16,12,16,13	1,4,7,10,10,7,10,8
1,2,4,8,12,16,	1,4,7,10,10,7,10,9,5
16,12,16,15,9	, , , , , , , ,
1,2,4,8,12,16, 16,12,16,15,15,9	1,4,7,10,10,7,10,9,9,5
1,2,4,8,12,16,	1 4 7 10 10 7 10 0 10
16,12,16,15,16	1,4,7,10,10,7,10,9,10
1,2,4,8,12,16,	1,4,7,10,10,7,10,9,11,5
16,12,16,15,18,9	1,4,1,10,10,1,10,0,11,0
1,2,4,8,12,16,	1,4,7,10,10,7,10,9,12
16,12,16,15,19	1,1,1,10,10,1,10,0,12
1,2,4,8,12,16,16,12,16,16	1,4,7,10,10,7,10,10
1,2,4,8,12,16,	1,4,7,10,10,
16,12,16,16,12,15,9	7,10,10,7,9,5
1,2,4,8,12,16,16,13	1,4,7,10,10,8
1,2,4,8,12,16,	1,4,7,10,10,8,7,9,5
16,13,12,15,9	1,1,1,10,10,0,1,0,0
1,2,4,8,12,16,16,14	1,4,7,10,10,9
1,2,4,8,12,16,16,15,9	1,4,7,10,10,9,5
1,2,4,8,12,16,16,15,13	1,4,7,10,10,9,8
1,2,4,8,12,16,16,15,19	1,4,7,10,10,9,12
1,2,4,8,12,16,16,16	1,4,7,10,10,10
1,2,4,8,12,16,16,16,16	1,4,7,10,10,10,10
1,2,4,8,12,16,17	1,4,7,10,11
1,2,4,8,12,16,	1,4,7,10,11,14,17,20
17,19,23,27,31	1,4,1,10,11,14,11,20
1,2,4,8,12,16,18	1,4,7,10,12

T
0 – Y 序列
1,4,7,10,12,5
1,4,7,10,12,6
1,4,7,10,12,6,9
1,4,7,10,12,
6,10,14,18,18
1,4,7,10,12,
6,10,14,18,19
1,4,7,10,12,
6,10,14,18,20
1,4,7,10,12,6,10,
14,18,20,4,7,10,12,5
1,4,7,10,12,6,
10,14,18,21,15
1,4,7,10,12,7
1,4,7,10,12,7,9,5
1,4,7,10,12,7,10
1,4,7,10,12,7,10,12,5
1,4,7,10,12,8
1,4,7,10,12,9,5
1,4,7,10,12,10
1,4,7,10,12,10,12,5
1,4,7,10,12,11
1,4,7,10,12,12,5
1,4,7,10,12,15
1,4,7,10,12,16,20,24
1,4,7,10,13
1,4,7,10,13,16
1,4,7,10,13,16,19
1,4,8

Y序列	0-Y序列
1,2,4,8,13,8	1,4,8,4
1,2,4,8,13,8,12	1,4,8,4,7
1,2,4,8,13,8,12,16	1,4,8,4,7,10
1,2,4,8,13,8,13	1,4,8,4,8
1,2,4,8,13,8,13,8,13	1,4,8,4,8,4,8
1,2,4,8,13,9	1,4,8,5
1,2,4,8,13,9,11,15,20	1,4,8,5,8,12
1,2,4,8,13,10	1,4,8,6
1,2,4,8,13,11	1,4,8,6,9
1,2,4,8,13,11,16,19	1,4,8,6,10,15
1,2,4,8,13,12	1,4,8,7
1,2,4,8,13,12,16	1,4,8,7,10
1,2,4,8,13,12,17	1,4,8,7,11
1,2,4,8,13,12,17,16,21	1,4,8,7,11,10,14
1,2,4,8,13,13	1,4,8,8
1,2,4,8,13,13,13	1,4,8,8,8
1,2,4,8,13,14	1,4,8,9
1,2,4,8,13,15	1,4,8,10
1,2,4,8,13,16	1,4,8,10,3,7,12,15
1,2,4,8,13,17	1,4,8,11
1,2,4,8,13,18	1,4,8,12
1,2,4,8,13,18,21,9	1,4,8,12,14,5
1,2,4,8,13,18,22	1,4,8,12,15
1,2,4,8,13,18,23	1,4,8,12,16
1,2,4,8,13,19	1,4,8,13
1,2,4,8,13,19,26	1,4,8,13,19

Y 序列	0-Y序列
1,2,4,8,13,20	1,4,8,14
, , , , ,	, , ,
1,2,4,8,13,20,26,20	1,4,8,14,19,14
1,2,4,8,13,20,27	1,4,8,14,20
1,2,4,8,13,20,27,33,21	1,4,8,14,20,25,15
1,2,4,8,13,20,28	1,4,8,14,21
1,2,4,8,13,20,28,38	1,4,8,14,21,30
1,2,4,8,13,20,28,38,49,62	1,4,8,14,21,30,40,52
1,2,4,8,14	1,4,9
1,2,4,8,14,8,14	1,4,9,4,9
1,2,4,8,14,11, 8,13,20,29,23,9	1,4,9,6,4,8,14,22
1,2,4,8,14,11, 8,13,20,29,23,9	1,4,9,6,4,8,14,22,16,5
1,2,4,8,14,12	1,4,9,7
1,2,4,8,14,12,17	1,4,9,7,11
1,2,4,8,14,12,17,24	1,4,9,7,11,17
1,2,4,8,14,12,17,24,33	1,4,9,7,11,17,25
1,2,4,8,14,12,18	1,4,9,7,12
1,2,4,8,14,12,18,9	1,4,9,7,12,5
1,2,4,8,14,12,18,12	1,4,9,7,12,7
1,2,4,8,14,12,18,12,18	1,4,9,7,12,7,12
1,2,4,8,14,12,18,13	1,4,9,7,12,8
1,2,4,8,14,12,18,15,9	1,4,9,7,12,9,5
1,2,4,8,14,12,18,16	1,4,9,7,12,10
1,2,4,8,14,12,18,16,22	1,4,9,7,12,10,15
1,2,4,8,14,12, 18,16,22,20,26	1,4,9,7,12,10,15,13,18
1,2,4,8,14,13	1,4,9,8

Y 序列	0-Y 序列
1,2,4,8,14,13,18	1,4,9,8,12
1,2,4,8,14,13,18,23	1,4,9,8,12,16
1,2,4,8,14,13,20	1,4,9,8,14
1,2,4,8,14,13,20,24	1,4,9,8,14,17
1,2,4,8,14,13,20,25	1,4,9,8,14,18
1,2,4,8,14,13,20,26,20	1,4,9,8,14,19,14
1,2,4,8,14,13,20,29	1,4,9,8,14,22
1,2,4,8,14,13,20,29,20	1,4,9,8,14,22,14
1,2,4,8,14,14	1,4,9,9
1,2,4,8,14,14,12,15,9	1,4,9,9,7,9,5
1,2,4,8,14,14,14	1,4,9,9,9
1,2,4,8,14,15	1,4,9,10
1,2,4,8,14,15,13	1,4,9,10,8
1,2,4,8,14,15,14,13	1,4,9,10,9,8
1,2,4,8,14,15,14,15	1,4,9,10,9,10
1,2,4,8,14,15,15	1,4,9,10,10
1,2,4,8,14,16	1,4,9,11
1,2,4,8,14,17	1,4,9,11,3,7,13,16
1,2,4,8,14,17,8	1,4,9,11,4
1,2,4,8,14,17,8,12,16	1,4,9,11,4,7,10
1,2,4,8,14,17,8,12,16,16	1,4,9,11,4,7,10,10
1,2,4,8,14,17,8,14	1,4,9,11,4,9
1,2,4,8,14,17,8,14,14	1,4,9,11,4,9,9
1,2,4,8,14,17,8,14,15	1,4,9,11,4,9,10
1,2,4,8,14,17,9	1,4,9,11,5
1,2,4,8,14,17,11,15	1,4,9,11,6,9

Y 序列	0-Y序列
1,2,4,8,14,17,13	1,4,9,11,8
1,2,4,8,14,17,14	1,4,9,11,9
1,2,4,8,14,17,21	1,4,9,11,14
1,2,4,8,14,17,22,29,33	1,4,9,11,15,21,24
1,2,4,8,14,18	1,4,9,12
1,2,4,8,14,18,12,18,22	1,4,9,12,7,12,15
1,2,4,8,14,18,13	1,4,9,12,8
1,2,4,8,14,18,14	1,4,9,12,9
1,2,4,8,14,18,14,18	1,4,9,12,9,12
1,2,4,8,14,18,18	1,4,9,12,12
1,2,4,8,14,18,22	1,4,9,12,15
1,2,4,8,14,18,23	1,4,9,12,16
1,2,4,8,14,18,23,30	1,4,9,12,16,22
1,2,4,8,14,18,24	1,4,9,12,17
1,2,4,8,14,18,24,14	1,4,9,12,17,9
1,2,4,8,14,18,24,14,18	1,4,9,12,17,9,12
1,2,4,8,14,18,24,14,18,24	1,4,9,12,17,9,12,17
1,2,4,8,14,18,24,18	1,4,9,12,17,12
1,2,4,8,14,18,24,18,24	1,4,9,12,17,12,17
1,2,4,8,14,18,24,22,28	1,4,9,12,17,15,20
1,2,4,8,14,18,24,23	1,4,9,12,17,16
1,2,4,8,14,18,24,24	1,4,9,12,17,17
1,2,4,8,14,18,24,25	1,4,9,12,17,18
1,2,4,8,14,18,24,27,9	1,4,9,12,17,19,5
1,2,4,8,14,18,24,28	1,4,9,12,17,20
1,2,4,8,14,18,24,28,33	1,4,9,12,17,20,24

Y 序列	0-Y序列
1,2,4,8,14,18,24,28,34	1,4,9,12,17,20,25
1,2,4,8,14,19	1,4,9,13
1,2,4,8,14,19,8,14,19	1,4,9,13,4,9,13
1,2,4,8,14,19,11,8,14,19	1,4,9,13,6,4,9,13
1,2,4,8,14,19,11,15	1,4,9,13,6,9
1,2,4,8,14,19,11,16	1,4,9,13,6,10
1,2,4,8,14,19,11,16,23	1,4,9,13,6,10,16
1,2,4,8,14,19,11,16,23,24	1,4,9,13,6,10,16,17
1,2,4,8,14,19, 11,16,23,27,17	1,4,9,13,6,10,16,19,11
1,2,4,8,14,19,11,	1,4,9,13,6,10,
16,23,28,35,39,17	16,20,26,29,11
1,2,4,8,14,19,11,16,23,29	1,4,9,13,6,10,16,21
1,2,4,8,14,19,11,	1,4,9,13,6,10,16,
16,23,29,20,26,34,41	21,13,18,25,31
1,2,4,8,14,19,12	1,4,9,13,7
1,2,4,8,14,19,13	1,4,9,13,8
1,2,4,8,14,19,14,13	1,4,9,13,9,8
1,2,4,8,14,19,14,15	1,4,9,13,9,10
1,2,4,8,14,19,14,17,9	1,4,9,13,9,11,5
1,2,4,8,14,19,14,18,24,29	1,4,9,13,9,12,17,21
1,2,4,8,14,19,14,	1,4,9,13,9,12,
18,24,29,24,27,9	17,21,17,19,5
1,2,4,8,14,19,14,	1,4,9,13,9,12,17,
18,24,29,24,28,34,39	21,17,20,25,29
1,2,4,8,14,19,14,19	1,4,9,13,9,13
1,2,4,8,14,19,14,19,11,15	1,4,9,13,9,13,6,9
1,2,4,8,14,19,14, 19,11,16,23,29	1,4,9,13,9,13,6,10,16,21
1,2,4,8,14,19,14,	1,4,9,13,9,13,
19,11,16,23,29,23,29	6,10,16,21,16,21
10,11,10,20,20,20,20	0,10,10,21,10,21

Y 序列	0-Y 序列
1,2,4,8,14,19,	1,4,9,13,9,13,9,11,5
14,19,14,18,9	
1,2,4,8,14,19,14,19,14,19	1,4,9,13,9,13,9,13
1,2,4,8,14,19,15	1,4,9,13,10
1,2,4,8,14,19,17,9	1,4,9,13,11,5
1,2,4,8,14,19,17,14,19	1,4,9,13,11,9,13
1,2,4,8,14,19,18	1,4,9,13,12
1,2,4,8,14,19,18,24,25	1,4,9,13,12,17,18
1,2,4,8,14,19,18,24,29	1,4,9,13,12,17,21
1,2,4,8,14,19, 18,24,29,32,9	1,4,9,13,12,17,21,23,5
1,2,4,8,14,19,19	1,4,9,13,13
1,2,4,8,14,19,22,9	1,4,9,13,15,5
1,2,4,8,14,19, 22,14,19,22,9	1,4,9,13,15,9,13,15,5
1,2,4,8,14,19,22,19,22,9	1,4,9,13,15,13,15,5
1,2,4,8,14,19,22,25,9	1,4,9,13,15,17,5
1,2,4,8,14,19,22,26	1,4,9,13,15,18
1,2,4,8,14,19,23,29,34	1,4,9,13,16,21,25
1,2,4,8,14,19, 23,29,34,37,9	1,4,9,13,16,21,25,27,5
1,2,4,8,14,19,24	1,4,9,13,17
1,2,4,8,14,19,25	1,4,9,13,18
1,2,4,8,14,19,25,31,37	1,4,9,13,18,23,28
1,2,4,8,14,19,26	1,4,9,13,19
1,2,4,8,14,19,26,27	1,4,9,13,19,20
1,2,4,8,14,19,26,29,33	1,4,9,13,19,21,24
1,2,4,8,14,19,26,29,34	1,4,9,13,19,21,25
1,2,4,8,14,19,26,29,34,39	1,4,9,13,19,21,25,29

Y 序列	0 – Y 序列
1,2,4,8,14,19,26,29,34,41	1,4,9,13,19,21,25,31
1,2,4,8,14,19, 26,29,34,41,47	1,4,9,13,19,21,25,31,36
1,2,4,8,14,19,26,30	1,4,9,13,19,22
1,2,4,8,14,19,26,30,36,41	1,4,9,13,19,22,27,31
1,2,4,8,14,19,26,31	1,4,9,13,19,23
1,2,4,8,14,19,26,32,26	1,4,9,13,19,24,19
1,2,4,8,14,19,26,33	1,4,9,13,19,27
1,2,4,8,14,19,26,33,34	1,4,9,13,19,27,28
1,2,4,8,14,19,26,33,39	1,4,9,13,19,27,32,20
1,2,4,8,14,19,26,33,41	1,4,9,13,19,27,34
1,2,4,8,14,20	1,4,9,14
1,2,4,8,14,20,8,12	1,4,9,14,4,7
1,2,4,8,14,20,8,14	1,4,9,14,4,9
1,2,4,8,14,20,8,14,19	1,4,9,14,4,9,13
1,2,4,8,14,20,8,14,20	1,4,9,14,4,9,14
1,2,4,8,14,20,13	1,4,9,14,8
1,2,4,8,14,20,13,18,23	1,4,9,14,8,12,16
1,2,4,8,14,20,14	1,4,9,14,9
1,2,4,8,14,20,14,15	1,4,9,14,9,10
1,2,4,8,14,20,14,17,9	1,4,9,14,9,11,5
1,2,4,8,14,20,14,18	1,4,9,14,9,12
1,2,4,8,14,20,14,18,24	1,4,9,14,9,12,17
1,2,4,8,14,20,14,18,24,29	1,4,9,14,9,12,17,21
1,2,4,8,14,20,	1,4,9,14,9,12,17,21,26
14,18,24,29,35 1,2,4,8,14,20,	1 4 0 14 0 10 17 01 07
14,18,24,29,36	1,4,9,14,9,12,17,21,27

Y 序列	0-Y序列
1,2,4,8,14,20,14,18,24,30	1,4,9,14,9,12,17,22
1,2,4,8,14,20,	1,4,9,14,9,
14,18,24,30,24,27,9	12,17,22,17,19,5
1,2,4,8,14,20,14,19	1,4,9,14,9,13
1,2,4,8,14,20, 14,19,25,31,37	1,4,9,14,9,13,18,23,28
1,2,4,8,14,20,14,20	1,4,9,14,9,14
1,2,4,8,14,20, 14,20,13,18,23	1,4,9,14,9,14,8,12,16
1,2,4,8,14,20, 14,20,14,17,9	1,4,9,14,9,14,9,11,5
1,2,4,8,14,20, 14,20,14,18,24,29	1,4,9,14,9,14,9,12,17,21
1,2,4,8,14,20,14,	1,4,9,14,9,14,9,
20,14,18,24,30,24,29	12,17,22,17,21
1,2,4,8,14,20,14,20,14,19	1,4,9,14,9,14,9,13
1,2,4,8,14,20,14,	1,4,9,14,9,14,
20,14,19,25,31,37	9,13,18,23,28
1,2,4,8,14,20, 14,20,14,20,14,19	1,4,9,14,9,14,9,13
1,2,4,8,14,20,14,	1,4,9,14,9,14,9,
20,14,20,14,19,25,31,37	14,9,13,18,23,28
1,2,4,8,14,20,15	1,4,9,14,10
1,2,4,8,14,20,17,9	1,4,9,14,11,5
1,2,4,8,14,20, 17,22,29,35	1,4,9,14,11,15,21,26
1,2,4,8,14,20,	1,4,9,14,11,
17,22,29,36,29,35	15,21,27,21,26
1,2,4,8,14,20, 17,22,29,36,30	1,4,9,14,11,15,21,27,22
1,2,4,8,14,20,18	1,4,9,14,12
1,2,4,8,14,20,18,24,30	1,4,9,14,12,17,22
1,2,4,8,14,20,19	1,4,9,14,13
1,2,4,8,14,20,19,24,29	1,4,9,14,13,17,21

Y 序列	0-Y 序列
1,2,4,8,14,20,19,25	1,4,9,14,13,19
1,2,4,8,14,20,20	1,4,9,14,14
1,2,4,8,14,20,20,14,19	1,4,9,14,14,9,13
1,2,4,8,14,20, 20,14,20,14,19	1,4,9,14,14,9,14,13
1,2,4,8,14,20,20,14,20,19	1,4,9,14,14,13
1,2,4,8,14,20,25	1,4,9,14,18
1,2,4,8,14,20,26,19	1,4,9,14,19,13
1,2,4,8,14,20,26,20,25	1,4,9,14,19,14,18
1,2,4,8,14,20,26,25	1,4,9,14,19,18
1,2,4,8,14,20,26,31	1,4,9,14,19,23
1,2,4,8,14,21	1,4,9,15
1,2,4,8,14,21,28,35	1,4,9,15,21,27
1,2,4,8,14,21,30	1,4,9,15,23
1,2,4,8,14,21,30,41,51	1,4,9,15,23,33,42
1,2,4,8,14,21,30,41,52,42	1,4,9,15,23,33,43,34
1,2,4,8,14,21,30,41,53	1,4,9,15,23,33,44
1,2,4,8,14,22	1,4,9,16
1,2,4,8,14,22,14	1,4,9,16,9
1,2,4,8,14,22,14,20	1,4,9,16,9,14
1,2,4,8,14,22,14,21	1,4,9,16,9,15
1,2,4,8,14,22,14,22	1,4,9,16,9,16
1,2,4,8,14,22,20	1,4,9,16,14
1,2,4,8,14,22,20,28	1,4,9,16,14,21
1,2,4,8,14,22,21	1,4,9,16,15
1,2,4,8,14,22,22	1,4,9,16,16
1,2,4,8,14,22,23	1,4,9,16,17

Y序列	0 – Y 序列
1,2,4,8,14,22,29	1,4,9,16,22
1,2,4,8,14,22,32	1,4,9,16,25
1,2,4,8,14,22,32,44	1,4,9,16,25,36
1,2,4,8,15	1,4,10
1,2,4,8,15,22	1,4,10,16
1,2,4,8,15,22,23	1,4,10,16,17
1,2,4,8,15,22,24	1,4,10,16,18
1,2,4,8,15,22,25,9	1,4,10,16,18,5
1,2,4,8,15,22,26	1,4,10,16,19
1,2,4,8,15,22,27	1,4,10,16,20
1,2,4,8,15,22,27,15	1,4,10,16,20,10
1,2,4,8,15,22, 27,15,22,27,15	1,4,10,16,20,10,16,20,10
1,2,4,8,15,22,27,16	1,4,10,16,20,11
1,2,4,8,15,22,28	1,4,10,16,21
1,2,4,8,15,22,29	1,4,10,16,22
1,2,4,8,15,22,29,29	1,4,10,16,22,22
1,2,4,8,15,22,29,36	1,4,10,16,22,28
1,2,4,8,15,23	1,4,10,17
1,2,4,8,15,24	1,4,10,18
1,2,4,8,15,24,35	1,4,10,18,28
1,2,4,8,15,24,36	1,4,10,18,29
1,2,4,8,15,25	1,4,10,19
1,2,4,8,15,25,26	1,4,10,19,20
1,2,4,8,15,25,38	1,4,10,19,31
1,2,4,8,15,26	1,4,10,20
1,2,4,8,15,26,42	1,4,10,20,35

Y 序列	0-Y 序列
1,2,4,8,15,26,42,64	1,4,10,20,35,56
1,2,4,8,16	1,5
1,2,4,8,16,8	1,5,4
1,2,4,8,16,8,14	1,5,4,9
1,2,4,8,16,8,14,22	1,5,4,9,16
1,2,4,8,16,8,15	1,5,4,10
1,2,4,8,16,8,15,26	1,5,4,10,20
1,2,4,8,16,8,16	1,5,4,11
1,2,4,8,16,14	1,5,4,11,9
1,2,4,8,16,14,24,22	1,5,4,11,9,18,16
1,2,4,8,16,15	1,5,4,11,10
1,2,4,8,16,15,27	1,5,4,11,10,21
1,2,4,8,16,15,27,26	1,5,4,11,10,21,20
1,2,4,8,16,16	1,5,5
1,2,4,8,16,16,16	1,5,5,5
1,2,4,8,16,17	1,5,6
1,2,4,8,16,18	1,5,7
1,2,4,8,16,18,7,12,21	1,5,7,3,8
1,2,4,8,16,18,7,12,21,23	1,5,7,3,8,10
1,2,4,8,16,18,8	1,5,7,3,8,10,7
1,2,4,8,16,18,8,16,18	1,5,7,3,8,10,15,17
1,2,4,8,16,18,16	1,5,7,3,8,10,8
1,2,4,8,16,18,22	1,5,7,3,8,11
1,2,4,8,16,18,22,28	1,5,7,3,8,11,16
1,2,4,8,16,18,22,29	1,5,7,3,8,11,17
1,2,4,8,16,18,22,30	1,5,7,3,8,11,18

Y 序列	0-Y 序列
1,2,4,8,16,18, 22,30,32,36,44	1,5,7,3,8,11,18,21,28
1,2,4,8,16,19,8	1,5,7,4
1,2,4,8,16,19,8,16,8	1,5,7,4,11,13
1,2,4,8,16,- -19,8,16,19,8	1,5,7,4,11,13,4
1,2,4,8,16,19,9	1,5,7,4,11,13,5
1,2,4,8,16,19,16	1,5,7,4,11,13,11
1,2,4,8,16,19,16,19,16	1,5,7,4,11,13,11,13,11
1,2,4,8,16,19,17	1,5,7,4,11,13,12
1,2,4,8,16,19,18	1,5,7,4,11,13,13
1,2,4,8,16,19,19,8	1,5,7,4,11,13,13,4
1,2,4,8,16,19,19,9	1,5,7,4,11,13,13,11
1,2,4,8,16,19,23	1,5,7,4,11,13,16
1,2,4,8,16,19,24	1,5,7,4,11,13,17
1,2,4,8,16,19,24,37	1,5,7,4,11,13,18
1,2,4,8,16,20	1,5,7,4,11,14
1,2,4,8,16,20,26	1,5,7,4,11,14,19
1,2,4,8,16,20,27	1,5,7,4,11,14,20
1,2,4,8,16,20,28	1,5,7,4,11,14,21
1,2,4,8,16,20,28,32,40	1,5,7,4,11,14,21,24,31
1,2,4,8,16,21	1,5,7,4,11,15
1,2,4,8,16,21,15	1,5,7,4,11,15,10
1,2,4,8,16,21,16	1,5,7,5
1,2,4,8,16,21,16,21,16	1,5,7,5,7,5
1,2,4,8,16,21,21,16	1,5,7,7,5
1,2,4,8,16,21,27	1,5,7,10
1,2,4,8,16,22	1,5,8

Y 序列	0-Y 序列
1,2,4,8,16,22,8,16	1,5,8,4,11
1,2,4,8,16,22,8,16,20	1,5,8,4,11,14
1,2,4,8,16, 22,8,16,20,28	1,5,8,4,11,14,21
1,2,4,8,16,22,8,16,21	1,5,8,4,11,15
1,2,4,8,16,22,8,16,22	1,5,8,4,11,16
1,2,4,8,16,22,14,24,32	1,5,8,4,11,16,9,18,25
1,2,4,8,16,22,15,27	1,5,8,4,11,16,10,21,29
1,2,4,8,16,22,16	1,5,8,4,11,16,11
1,2,4,8,16,22,22,16	1,5,8,4,11,16,16,11
1,2,4,8,16,22,23	1,5,8,4,11,16,17
1,2,4,8,16,22,28,16	1,5,8,4,11,16,21,11
1,2,4,8,16,22,30	1,5,8,4,11,16,23
1,2,4,8,16,22,31	1,5,8,4,11,16,24
1,2,4,8,16,22,32	1,5,8,4,11,16,25
1,2,4,8,16,22,32,40	1,5,8,4,11,16,25,36,51
1,2,4,8,16,23	1,5,8,4,11,17
1,2,4,8,16,23,14,24,23	1,5,8,4,11,17,9,18,26
1,2,4,8,16,23,15	1,5,8,4,11,17,10
1,2,4,8,16,23,15,27,38	1,5,8,4,11,17,10,21,31
1,2,4,8,16,23,16	1,5,8,5
1,2,4,8,16,23,16,20	1,5,8,5,8
1,2,4,8,16,23,16,23,16	1,5,8,5,8,5
1,2,4,8,16,23,20	1,5,8,8
1,2,4,8,16,23,23,16	1,5,8,8,5
1,2,4,8,16,23,30,16	1,5,8,11,5
1,2,4,8,16,23,32	1,5,8,13

Y 序列	0-Y序列
1,2,4,8,16,23,33	1,5,8,13,4,11,17,26
1,2,4,8,16,23,33,16	1,5,8,13,5
1,2,4,8,16,23,33,46,16	1,5,8,13,20,5
1,2,4,8,16,23,34	1,5,8,14
1,2,4,8,16,23,34,50	1,5,8,14,24
1,2,4,8,16,23,35	1,5,8,15
1,2,4,8,16,23,35,35	1,5,8,15,15
1,2,4,8,16,23,35,42,16	1,5,8,15,18,5
1,2,4,8,16,23,35,45,16	1,5,8,15,20,5
1,2,4,8,16,23,35,46	1,5,8,15,21
1,2,4,8,16,23,35,46,63	1,5,8,15,21,32
1,2,4,8,16,24	1,5,9
1,2,4,8,16,24,16,24	1,5,9,5,9
1,2,4,8,16,24,20	1,5,9,8
1,2,4,8,16,24,23,16,24	1,5,9,8,5,9
1,2,4,8,16,24,23,30,16,24	1,5,9,8,11,5,9
1,2,4,8,16,24,23,33,16,24	1,5,9,8,13,5,9
1,2,4,8,16,24,23,34	1,5,9,8,14
1,2,4,8,16,24,23,35	1,5,9,8,15
1,2,4,8,16,24,23,35,47	1,5,9,8,15,22
1,2,4,8,16,24,24	1,5,9,9
1,2,4,8,16,24,25	1,5,9,10
1,2,4,8,16,24,26	1,5,9,11
1,2,4,8,16,24,27,16	1,5,9,11,5
1,2,4,8,16,24,27,16,24	1,5,9,11,5,9
1,2,4,8,16,24,17,16,24,26	1,5,9,11,5,9,11

Y 序列	0-Y 序列
1,2,4,8,16,24,27,17	1,5,9,11,6
1,2,4,8,16,24,27,18	1,5,9,11,7
1,2,4,8,16,24,27,19	1,5,9,11,8
1,2,4,8,16,24, 27,23,16,24,27,18	1,5,9,11,8,5,9,11
1,2,4,8,16,24,27,23,17	1,5,9,11,8,6
1,2,4,8,16,24, 27,23,33,16,24,26	1,5,9,11,8,13,5,9,11
1,2,4,8,16,24,27,23,34	1,5,9,11,8,14
1,2,4,8,16,24,27,23,35	1,5,9,11,8,15
1,2,4,8,16,24,27, 23,35,47,50,36	1,5,9,11,8,15,22,26,16
1,2,4,8,16,24,27,24	1,5,9,11,9
1,2,4,8,16,24,27,31	1,5,9,11,14
1,2,4,8,16,24,28	1,5,9,12
1,2,4,8,16,24,31	1,5,9,12,4,11,18,24
1,2,4,8,16,24,31,16	1,5,9,12,5
1,2,4,8,16,24,31,16,24	1,5,9,12,5,9
1,2,4,8,16, 24,31,16,24,28	1,5,9,12,5,9,12
1,2,4,8,16,24,31,17	1,5,9,12,6
1,2,4,8,16,24,31,18	1,5,9,12,7
1,2,4,8,16,24,31,20	1,5,9,12,8
1,2,4,8,16,24,31,23,16	1,5,9,12,8,5
1,2,4,8,16,24, 31,23,16,24,31,17	1,5,9,12,8,5,9,12,6
1,2,4,8,16,24,31,23,31	1,5,9,12,8,12
1,2,4,8,16,24, 31,23,33,16,24,31,17	1,5,9,12,8,13,5,9,12,6
1,2,4,8,16,24,31,23,34	1,5,9,12,8,14

Y 序列	0-Y 序列
1,2,4,8,16,24,31,24	1,5,9,12,9
1,2,4,8,16,24,32	1,5,9,13
1,2,4,8,16,26	1,5,11
1,2,4,8,16,27	1,5,11,4,11,21
1,2,4,8,16,27,16	1,5,11,5
1,2,4,8,16,28	1,5,12
1,2,4,8,16,28,44	1,5,12,22
1,2,4,8,16,28,44,64	1,5,12,22,35
1,2,4,8,16,29	1,5,13
1,2,4,8,16,31	1,5,15
1,2,4,8,16,31,57	1,5,15,35
1,2,4,8,16,32	1,6
1,2,4,8,16,32,48	1,6,11
1,2,4,8,16,32,56	1,6,15
1,2,4,8,16,32,60	1,6,18
1,2,4,8,16,32,61	1,6,19
1,2,4,8,16,32,62	1,6,20
1,2,4,8,16,32,63	1,6,21
1,2,4,8,16,32,64	1,7
1,2,4,8,16,32,64,128	1,8
1,2,4,8,16,32,64,128,256	1,9

A.22 Y 序列 (SHO 之后)

Y 序列
1, 3
1, 3, 2, 5

Y 序列
1, 3, 2, 5, 4
1, 3, 2, 5, 4, 9
1, 3, 3
1, 3, 4
1, 3, 4, 2, 5, 6, 5
1, 3, 4, 2, 5, 6, 9
1, 3, 4, 2, 5, 7
1, 3, 4, 2, 5, 7, 5
1, 3, 4, 2, 5, 7, 5, 5
1, 3, 4, 2, 5, 7, 5, 7
1, 3, 4, 2, 5, 7, 5, 7, 5
1, 3, 4, 2, 5, 7, 7, 5
1, 3, 4, 2, 5, 7, 9, 5
1, 3, 4, 2, 5, 7, 10
1, 3, 4, 2, 5, 7, 10, 4
1, 3, 4, 2, 5, 7, 10, 14
1, 3, 4, 2, 5, 7, 11
1, 3, 4, 2, 5, 7, 12
1, 3, 4, 2, 5, 8
1, 3, 4, 2, 5, 8, 5
1, 3, 4, 2, 5, 8, 8
1, 3, 4, 2, 5, 8, 9
1, 3, 4, 2, 5, 8, 9, 11
1, 3, 4, 2, 5, 8, 10
1, 3, 4, 2, 5, 8, 10, 8
1, 3, 4, 2, 5, 8, 10, 13

Y 序列
1, 3, 4, 2, 5, 8, 11
1, 3, 4, 2, 5, 9
1, 3, 4, 3
1, 3, 4, 3, 3
1, 3, 4, 3, 4
1, 3, 4, 3, 4, 3
1, 3, 4, 4
1, 3, 4, 4, 2, 5, 9, 8
1, 3, 4, 4, 3
1, 3, 4, 5
1, 3, 4, 5, 3
1, 3, 4, 6
1, 3, 4, 6, 3, 4, 6
1, 3, 4, 6, 4, 6
1, 3, 4, 6, 5, 7
1, 3, 4, 6, 6
1, 3, 4, 6, 6, 6
1, 3, 4, 6, 7
1, 3, 4, 6, 7, 9
1, 3, 4, 6, 8
1, 3, 4, 6, 9
1, 3, 4, 6, 10
1, 3, 4, 7
1, 3, 4, 7, 8, 3
1, 3, 4, 7, 8, 11
1, 3, 4, 7, 9

Y 序列
1, 3, 4, 7, 9, 14
1, 3, 4, 7, 10
1, 3, 4, 7, 11
1, 3, 4, 7, 11, 7
1, 3, 5
1, 3, 5, 3, 5
1, 3, 5, 4, 3, 5
1, 3, 5, 4, 6
1, 3, 5, 5
1, 3, 5, 5, 5
1, 3, 5, 6
1, 3, 5, 6, 2, 5, 10
1, 3, 5, 6, 3
1, 3, 5, 6, 3, 3
1, 3, 5, 6, 3, 5
1, 3, 5, 6, 4
1, 3, 5, 6, 4, 7
1, 3, 5, 6, 4, 7, 12
1, 3, 5, 6, 4, 7, 12, 18
1, 3, 5, 6, 5
1, 3, 5, 6, 6
1, 3, 5, 6, 7
1, 3, 5, 6, 8
1, 3, 5, 7
1, 3, 6
1, 3, 6, 8

Y 序列
1, 3, 6, 9
1, 3, 6, 10
1, 3, 6, 11
1, 3, 6, 12
1, 3, 6, 12, 24, 48
1, 3, 7
1, 3, 7, 3
1, 3, 7, 3, 7
1, 3, 7, 4
1, 3, 7, 5
1, 3, 7, 5, 9
1, 3, 7, 5, 9, 7, 11
1, 3, 7, 6
1, 3, 7, 6, 12, 25
1, 3, 7, 7
1, 3, 7, 8
1, 3, 7, 9
1, 3, 7, 10
1, 3, 7, 10, 16, 29
1, 3, 7, 11
1, 3, 7, 11, 15
1, 3, 7, 11, 15, 19
1, 3, 7, 12
1, 3, 7, 12, 20
1, 3, 7, 13
1, 3, 7, 14

Y 序列
1, 3, 7, 15
1, 3, 8
1, 3, 8, 17
1, 3, 8, 18
1, 3, 8, 19
1, 3, 8, 20
1, 3, 9
1, 3, 9, 25
1, 3, 9, 26
1, 3, 9, 27
1, 3, 9, 27, 81
1, 4
1, 4, 4
1, 4, 5
1, 4, 5, 3, 10, 18
1, 4, 5, 4
1, 4, 6
1, 4, 7
1, 4, 10
1, 4, 16, 64
1, 5
1, 5, 24
1, 5, 25
1, 6
1, 7
$1,\omega$

A.23 weak magma $\omega - Y$ 序列(SYO 之后)

weak magma $\omega - Y$ 序列
1, 4
1, 4, 3
1, 4, 3, 11
1, 4, 4
1, 4, 5
1, 4, 5, 3
1, 4, 5, 3, 11
1, 4, 5, 4
1, 4, 5, 4, 3
1, 4, 5, 4, 4
1, 4, 5, 4, 5
1, 4, 5, 5
1, 4, 5, 5, 3
1, 4, 5, 5, 4
1, 4, 5, 5, 4, 5, 4
1, 4, 5, 5, 4, 5, 5, 4
1, 4, 5, 5, 5
1, 4, 5, 6
1, 4, 5, 6, 7
1, 4, 5, 7
1, 4, 5, 8
1, 4, 5, 8, 18
1, 4, 5, 9
1, 4, 5, 9, 13
1, 4, 5, 9, 14, 22

weak magma $\omega - Y$ 序列
1, 4, 5, 9, 14, 23
1, 4, 6
1, 4, 6, 3
1, 4, 6, 3, 11, 37, 10
1, 4, 6, 4
1, 4, 6, 4, 5
1, 4, 6, 4, 6
1, 4, 6, 4, 6, 4
1, 4, 6, 5
1, 4, 6, 5, 9
1, 4, 6, 5, 9, 15
1, 4, 6, 6
1, 4, 6, 6, 4
1, 4, 6, 6, 5
1, 4, 6, 6, 6
1, 4, 6, 7
1, 4, 6, 7, 11
1, 4, 6, 8
1, 4, 6, 9
1, 4, 6, 9, 16
1, 4, 6, 10
1, 4, 6, 11
1, 4, 6, 12
1, 4, 6, 13
1, 4, 6, 14
1, 4, 7

weak magma ω – Y 序列
1, 4, 7, 8
1, 4, 7, 9
1, 4, 7, 10
1, 4, 7, 10, 13
1, 4, 8
1, 4, 8, 15
1, 4, 8, 16
1, 4, 9
1, 4, 9, 21
1, 4, 9, 22
1, 4, 9, 22, 64
1, 4, 10
1, 4, 10, 19
1, 4, 10, 22
1, 4, 10, 22, 46
1, 4, 11
1, 4, 11, 30
1, 4, 11, 30, 88, 280
1, 4, 12
1, 4, 12, 32
1, 4, 13
1, 4, 13, 41
1, 4, 13, 41, 134
1, 4, 13, 41, 134, 465
1, 4, 14
1, 4, 14, 46

weak magma $\omega - Y$ 序列
1, 4, 14, 46, 146
1, 4, 15
1, 4, 15, 57
1, 4, 15, 57, 230
1, 4, 15, 57, 230, 1011
1, 4, 16
1, 4, 16, 66
1, 4, 16, 66, 286
1, 4, 17
1, 4, 17, 77
1, 4, 17, 77, 372
1, 4, 17, 77, 372, 1915
1, 4, 18
1, 4, 18, 90
1, 4, 18, 90, 494
1, 4, 19
1, 4, 19, 106
1, 4, 19, 106, 683
1, 4, 20
1, 4, 20, 126
1, 4, 20, 126, 992
1, 5
1, 6
1, 7
$1, \omega$
-

附录 B 重要记号及其极限

世界上大数记号、大序数记号以及各种衍生记号的数量极为庞大,但是它们中的绝大部分非良定义,或者过于累赘和弱小,缺乏参考价值。本表选择了一部分较为经典和重要的记号,按照其增长率的极限从小到大排列如下,供读者参考。本表内容引自^[62],大数记号的极限为最大 FGH 增长率。

需要注意的是,表中并非所有记号都得到了大数界的普遍承认,这些记号也可能不是良定义的。目前只能够认为 $\omega-Y$ 的良定义性是比较可靠的,而只有 BMS 的良定义性得到了较严格的证明。因此,在这之后的大数记号仍然处于危险地带之中,随时可能被更严格的分析所排除。此外,由于大数的资料极度分散以及去中心化,许多大数记号都是在非正式或者非公开的场合中提出的,因此并非所有的记号都能够找到相应的定义及出处(特别是比较晚近的记号以及国内记号)。部分可找到公开定义的记号已引用了相应的参考文献。

本表的结果更新至 2023 年。

B.1 Part I

记号名称	1 17. 17F1
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
后继[63]	0
Successor	O
加法[64]	0
Addition	0
进位计数制	1
n-base	(0)
单位进数	1
(如万进/华严经)	-
Unit Number system	(0)
乘法 ^[65]	1
Multiplication	(0)
科学计数法[66]	2
Scientific Notation	(0)(0)
幂集 ^[67]	2
Power set	(0)(0)

记号名称	l m
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
指数函数 ^[68]	2
Exponential function	(0)(0)
阶乘 ^[69]	2
Factorial	(0)(0)
-illion 系统 ^[70]	>2
-illion system	>(0)(0)
-yillion 系统 ^[71]	>2
-yillion system	>(0)(0)
指数塔[72]	3
Tetration	(0)(0)(0)
多边形记号[73]	3
Polygon Notation	(0)(0)(0)
第五级运算[74]	4
Pentiration	(0)(0)(0)(0)

B.2 Part II

记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
Moser 多边形记号 ^[73]	ω
	$\varphi(1)$
Moser's Polygon Notation	$\psi(1) \text{ (BOCF)}$
(Moser, 1950)	(0)(1)
	ω
Monafo 超运算 ^[75]	$\varphi(1)$
Monafo's Hyper operation	$\psi(1) \text{ (BOCF)}$
	(0)(1)
	ω
下箭头[76]	$\varphi(1)$
Down-Arraw	$\psi(1) \text{ (BOCF)}$
	(0)(1)
	ω
超阶乘[77]	$\varphi(1)$
Hyper Factorial	$\psi(1) \text{ (BOCF)}$
	(0)(1)

记号名称 (中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	17X PR
	ω
超运算[75]	$\varphi(1)$
Hyper operation	$\psi(1)$ (BOCF)
	(0)(1)
- V	ω
Knuth 上箭头 ^[78]	$\varphi(1)$
Knuth's Up-Arraw	$\psi(1)$ (BOCF)
(Knuth, 1976)	(0)(1)
首个超限序数 ^[79]	ω
FTO	$\varphi(1)$
	$\psi(1)$ (BOCF)
(First Transfinite Ordinal)	(0)(1)
Ackermann 函数 ^[80]	ω
	$\varphi(1)$
Ackerman's Function	$\psi(1)$ (BOCF)
(Ackermann, 1919)	(0)(1)
Graham 函数 ^[81]	$\omega + 1$
Graham's Function	$\varphi(1)+1$
(Graham, 1980)	$\psi(1) + 1 \text{ (BOCF)}$
(Granam, 1900)	(0)(1)(0)
	$\omega + 1$
Clarkkkkson ^[82]	$\varphi(1)+1$
(1988)	$\psi(1) + 1 \text{ (BOCF)}$
	(0)(1)(0)
Graham 记号 ^[81]	$\omega \cdot 2$
Graham Notation	$\varphi(1) \cdot 2$
(Graham, 1980)	$\psi(1) \cdot 2 \text{ (BOCF)}$
(6141411, 1886)	(0)(1)(0)(1)
Forcal 函数 ^[83]	ω^2
Forcal Function	$\varphi(2)$
(Aarex)	$\psi(2) \text{ (BOCF)}$
,	(0)(1)(1)
Conway 链 ^[84]	ω^2
Conway Chain	$\varphi(2)$
(Chained Arrow)	$\psi(2) \text{ (BOCF)}$
(Conway, Kenneth, 1971)	(0)(1)(1)

S	
记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
	ω^2
fφ 函数 ^[85]	$\varphi(2)$
$f\phi$ function	$\psi(2) \text{ (BOCF)}$
	(0)(1)(1)
CC 57. ¥4. [84]	ω^2
CG 函数 ^[84]	$\varphi(2)$
CG function	$\psi(2)$ (BOCF)
(Conway, Kenneth, 1971)	(0)(1)(1)
- C)= E [9c]	ω^2
Bowers {} 记号 ^[86]	$\varphi(2)$
Bowers' {}	$\psi(2)$ (BOCF)
(Bowers, Bird, Spencer, 2002)	(0)(1)(1)
	ω^3
扩展 Conway 链 ^[84]	$\varphi(3)$
Extended chained Arrow	$\psi(3) \text{ (BOCF)}$
(Hurford, 1995)	
	$(0)(1)(1)(1)$ $\omega^3 + 1$
C 函数 ^[84]	·
C function	$\varphi(3) + 1$
(Hurford)	$\psi(3) + 1 \text{ (BOCF)}$
	(0)(1)(1)(1)(0)(1)
25077 2404 04 TF TOTA	ω^{ω}
MGH 首次追平 FGH	$\varphi(\varphi(1))$
1st time MGH catches FGH	$\psi(\psi(1))$ (BOCF)
	(0)(1)(2)
线性数阵序数	ω^{ω}
LAO	$\varphi(\varphi(1))$
(Linar Array Ord)	$\psi(\psi(1))$ (BOCF)
(1976)	(0)(1)(2)
(-2)-Y 序列	ω^{ω}
, ,	$\varphi(\varphi(1))$
(-2)-Y sequence	$\psi(\psi(1))$ (BOCF)
(2023)	(0)(1)(2)
A A2 \L \(\pi \) \\ \(\pi \) \\\ \(\pi \) \\ \(\pi \) \\\ \(\pi \) \\\\ \(\pi \) \\\ \(\pi \) \\\\ \\ \pi \) \\\\\ \\ \\ \\ \pi \) \\\\\\\ \\ \\ \\ \\ \pi \) \\\\\\\\\\	ω^{ω}
Aarex 多边形记号 ^[87]	$\varphi(\varphi(1))$
Aarex's Polygon Notation	$\psi(\psi(1))$ (BOCF)
(Aarex)	(0)(1)(2)
	[(-)(-)(-)

记号名称 (中文名称/英文缩写/英文全称/ 提出者/提出时间)	极限
Bashicu 数阵算符 Bashicu Array operator (Bashicu)	$ \begin{array}{c} \omega^{\omega} \\ \varphi(\varphi(1)) \\ \psi(\psi(1)) \text{ (BOCF)} \\ (0)(1)(2) \end{array} $
线性数阵 ^[86] Linar Arrays (Bowers, 2003)	$\begin{array}{c c} \omega^{\omega} \\ \varphi(\varphi(1)) \\ \psi(\psi(1)) \text{ (BOCF)} \\ (0)(1)(2) \end{array}$
平面数阵 ^[86] Planar Arrays (Bowers, 2003)	$ \begin{array}{c} \omega^{\omega^2} \\ \varphi(\varphi(2)) \\ \psi(\psi(2)) \text{ (BOCF)} \\ (0)(1)(2)(2) \end{array} $
维度数阵 ^[86] Dimensional Arrays (Bowers, 2003)	$\omega^{\omega^{\omega}}$ $\varphi(\varphi(\varphi(1)))$ $\psi(\psi(\psi(1))) \text{ (BOCF)}$ $(0)(1)(2)(3)$

B.3 Part III

记号名称 (中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
$\mathrm{PTO}\left(\left(\Pi_{0}^{1}-\mathrm{CA}\right)_{0}\right)$	ε_0 $\varphi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$ $(0,0)(1,1)$
小 Cantor 序数 ^[88] SCO (Small Cantor's Ordinal)	ε_0 $\varphi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$ $(0,0)(1,1)$
HH 首次追平 FGH 1st time HH catches FGH	ε_0 $\varphi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$ $(0,0)(1,1)$

记号名称 (中文名称/英文缩写/英文全称/ 提出者/提出时间)	极限
初等序列 ^[89] PrSS (Primitive Sequence System) (Bashicu, 2014)	ε_0 $\varphi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$ $(0,0)(1,1)$
Worm 函数 ^[90] Worm Function (2002)	ε_0 $\varphi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$ $(0,0)(1,1)$
(-1)-Y 序列 (-1)-Y sequence (2022)	ε_0 $\varphi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$ $(0,0)(1,1)$
Brace 数阵 ^[91] Brace Array Notation (HypCos, 2013)	ε_0 $\varphi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$ $(0,0)(1,1)$
Hydra 问题 ^[92] Hydra (Kirby, Paris, 1984)	ε_0 $\varphi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$ $(0,0)(1,1)$
多维数阵 ^[86] Multi Dimensional Arrays (Bowers)	$ \begin{array}{c} \varepsilon_0 \\ \varphi(1,0) \\ \psi(0) \text{ (MOCF)} \\ \psi(\Omega) \text{ (BOCF)} \\ (0,0)(1,1) \end{array} $
Goodstein 序列 ^[93] Goodstein sequence (Goodstein)	ε_0 $\varphi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$ $(0,0)(1,1)$

19 B 2 2 2	
记号名称 (中文名称/英文缩写/英文全称/	极限
' '	7 汉 P民
提出者/提出时间)	
	$\geq \varepsilon_0$
燃烧数[94]	$\geq \varphi(1,0)$
Fusible Number	$\geq \psi(0) \text{ (MOCF)}$
	$\geq \psi(\Omega) \text{ (BOCF)}$
	$\geq (0,0)(1,1)$
	$\varepsilon_0 + \omega \cdot 3$
marxen.c 函数 ^[95]	$\varphi(1,0) + \varphi(1) \cdot 3$
marxen.c function	$\psi(0) + \omega \cdot 3 \text{ (MOCF)}$
(Marxen)	$\psi(\Omega) + \psi(1) \cdot 3 \text{ (BOCF)}$
(Marxen)	(0,0)(1,1)(0,0)(1,0)-
	-(0,0)(1,0)(0,0)(1,0)
	$arepsilon_{\omega}$
	$arphi(1,\omega)$
$ PTO ((\Pi_0^1 - TR)_0)$	$\psi(\omega) \text{ (MOCF)}$
	$\psi(\Omega \cdot \omega)$ (BOCF)
	(0,0)(1,1)(2,0)
	$arepsilon_{\omega}$
含 [] 的 Bird 数阵 ^[96]	$\varphi(1,\omega)$
BAN with []	$\psi(\omega) \text{ (MOCF)}$
(Bird, 2006)	$\psi(\Omega \cdot \omega)$ (BOCF)
	(0,0)(1,1)(2,0)
	$arepsilon_{\omega}$
HA >- II [07]	$\varphi(1,\omega)$
0-下降记号 ^[97]	$\psi(\omega)$ (MOCF)
0-dropping notation	$\psi(\Omega \cdot \omega)$ (BOCF)
	(0,0)(1,1)(2,0)
	ζ_0
Cantor 序数 ^[98]	$\varphi(2,0)$
CO	$\psi(\Omega)$ (MOCF)
(Cantor's Ordinal)	$\psi(\Omega^2)$ (BOCF)
(= ===================================	(0,0)(1,1)(2,1)
	ζ_0
	$\varphi(2,0)$
ε 函数 ^[88]	$\psi(\Omega)$ (MOCF)
ε function	$\psi(\Omega^2)$ (BOCF)
	(0,0)(1,1)(2,1)
	(0,0)(1,1)(2,1)

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记号名称 (中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	DATK.
	ζ_0
扩展维度数阵 ^[86]	$\varphi(2,0)$
Extended Dimensional Arrays	$\psi(\Omega)$ (MOCF)
Extended Dimensional Arrays	$\psi(\Omega^2)$ (BOCF)
	(0,0)(1,1)(2,1)
	η_0
大 Cantor 序数 ^[99]	$\varphi(3,0)$
LCO	$\psi(\Omega^2) \text{ (MOCF)}$
(Large Cantor's Ordinal)	$\psi(\Omega^3)$ (BOCF)
	(0,0)(1,1)(2,1)(2,1)
ζ函数 ^[98]	η_0
ζ function	(0,0)(1,1)(2,1)(2,1)
	$\varphi(4,0)$
η 函数 ^[99]	$\psi(\Omega^3) \text{ (MOCF)}$
η function	$\psi(\Omega^4)$ (BOCF)
	(0,0)(1,1)(2,1)(2,1)(2,1)
 长初等序列 ^[100]	$\varphi(\omega,0)$
LPrSS	$\psi(\Omega^{\omega}) \text{ (MOCF)}$
(Long Primitive Sequence System)	$\psi(\Omega^{\omega})$ (BOCF)
	(0,0)(1,1)(2,1)(3,0)
0-递增元序列[101-103]	$\varphi(\omega,0)$
0-IUN	$\psi(\Omega^{\omega}) \text{ (MOCF)}$
(0-Increase Unit Notation)	$\psi(\Omega^{\omega})$ (BOCF)
(318'4, 2023)	(0)(1,1)(2,1)(3)
超 Cantor 序数 ^[99]	$\varphi(\omega,0)$
HCO	$\psi(\Omega^{\omega}) \text{ (MOCF)}$
(Hyper Cantor's Ordinal)	$\psi(\Omega^{\omega})$ (BOCF)
(Hyper Canton's Ordinar)	(0,0)(1,1)(2,1)(3,0)

B.4 Part IV

记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
	Γ_0
Feferman-Schutte 序数 ^[104]	$\varphi(1,0,0)$
FSO	$\psi(\Omega^{\Omega})$ (MOCF)
(Feferman-Schutte Ordinal)	$\psi(\Omega^{\Omega})$ (BOCF)
	(0,0)(1,1)(2,1)(3,1)
	Γ_0
→ V -1.1	$\varphi(1,0,0)$
二元 Veblen 函数 ^[105]	$\psi(\Omega^{\Omega})$ (MOCF)
Binary Veblen Function	$\psi(\Omega^{\Omega})$ (BOCF)
	(0,0)(1,1)(2,1)(3,1)
	Γ_0
弱 Veblen 函数 ^[105]	$\varphi(1,0,0)$
Small Veblen Function	$\psi(\Omega^{\Omega})$ (MOCF)
$(0-\phi)$	$\psi(\Omega^{\Omega})$ (BOCF)
	(0,0)(1,1)(2,1)(3,1)
	$\varphi(1,1,0)$
Γ函数 ^[104]	$\psi(\Omega^{\Omega+1})$ (MOCF)
Γ Function	$\psi(\Omega^{\Omega+1})$ (BOCF)
	(0,0)(1,1)(2,1)(3,1)(2,1)
	$\varphi(\omega,0,0)$
ω-下降 Worm ^[97]	$\psi(\Omega^{\Omega \cdot \omega}) \text{ (MOCF)}$
ω -dropping Worm	$\psi(\Omega^{\Omega \cdot \omega})$ (BOCF)
ω-dropping worm	(0)(1,1)(2,1)(3,1)(3)
	$\varphi(1,0,0,0)$
Ackermann 序数	$\psi(\Omega^{\Omega^2}) \text{ (MOCF)}$
AO	$\psi(\Omega)$ (MOCF) $\psi(\Omega^{\Omega^2})$ (BOCF)
(Ackermann Ordinal)	
	(0,0)(1,1)(2,1)(3,1)(3,1)
E# 记号 ^[106]	$\varphi(1,0,0,0)$
E#	$\psi(\Omega^{\Omega^2})$ (MOCF)
(Saibian, 2008)	$\psi(\Omega^{\Omega^2})$ (BOCF)
	(0,0)(1,1)(2,1)(3,1)(3,1)
tree 函数 ^[107]	$arphi(1@\omega)$
tree	$\psi(\Omega^{\Omega^{\omega}})$ (MOCF)
(Friedman, 2000)	$\psi(\Omega^{\Omega^{\omega}})$ (BOCF)
	(0,0)(1,1)(2,1)(3,1)(4,0)
小 Veblen 序数 ^[108]	$\varphi(1@\omega)$
SVO	$\psi(\Omega^{\Omega^{\omega}})$ (MOCF)
(Small Veblen Ordinal)	$\psi(\Omega^{\Omega^{\omega}})$ (BOCF)
(Sincer Votion Ordinar)	(0,0)(1,1)(2,1)(3,1)(4,0)

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记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
otree 函数 ^[107]	$arphi(1@\omega)$
	$\psi(\Omega^{\Omega^{\omega}})$ (MOCF)
otree	$\psi(\Omega^{\Omega^{\omega}})$ (BOCF)
(Friedman)	(0,0)(1,1)(2,1)(3,1)(4,0)
TREE 函数 ^[107]	$\geq \varphi(\omega@\omega)$
	$\geq \psi(\Omega^{\Omega^{\omega} \cdot \omega}) \text{ (MOCF)}$
TREE	$\geq \psi(\Omega^{\Omega^{\omega} \cdot \omega}) \text{ (BOCF)}$
(Friedman, 2001)	$\geq (0,0)(1,1)(2,1)(3,1)(4,0)(3,0)$
	$\varphi(1@(1,0))$
Veblen 函数 ^[105]	$\psi(\Omega^{\Omega^{\Omega}})$ (MOCF)
Veblen Function	$\psi(\Omega^{\Omega^{\Omega}})$ (BOCF)
(Veblen, 1908)	
D 44.77± [86]	(0,0)(1,1)(2,1)(3,1)(4,1)
Bowers 数阵 ^[86]	$\varphi(1@(1,0))$
BEAF	$\psi(\Omega^{\Omega^{\Omega}})$ (MOCF)
(Bowers' Exploding Array Function)	$\psi(\Omega^{\Omega^{\Omega}})$ (BOCF)
(Chris Bird's Limit)	(0,0)(1,1)(2,1)(3,1)(4,1)
扩展小 Veblen 序数	$arphi(1@(1@\omega))$
	$\psi(\Omega^{\Omega^{\Omega^{\omega}}})$ (MOCF)
ESVO	$\psi(\Omega^{\Omega^{\Omega^{\omega}}})$ (BOCF)
(Extended Small Veblen Ordinal)	(0,0)(1,1)(2,1)(3,1)(4,1)(5,0)
大 Veblen 函数 ^[109]	$\varphi(1@(1@(1,0)))$
Large Veblen Function	$\psi(\Omega^{\Omega^{\Omega^{\Omega}}})$ (MOCF)
$(2-\phi)$	$\psi(\Omega^{\Omega^{\Omega^{\Omega}}})$ (BOCF)
(74& 4574, 2021)	(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)
华邑上711	$\varphi(1@(1@(1,0)))$
扩展大 Veblen 序数	$\psi(\Omega^{\Omega^{\Omega^{\Omega}}})$ (MOCF)
ELVO	$\psi(\Omega^{\Omega^{\Omega^{\Omega}}})$ (BOCF)
(Extended Large Veblen Ordinal)	(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)
Bachmann-Howard 序数 ^[110]	$\psi(\psi_1(0)) \text{ (MOCF)}$
ВНО	$\psi(\Omega_2)$ (BOCF)
(Bachmann-Howard Ordinal)	(0,0)(1,1)(2,2)
Madore's ψ 函数 ^[111]	$\psi(\psi_1(0))$ (MOCF)
MPF	$\psi(\Omega_2)$ (BOCF)
(Madore's ψ Function)	(0,0)(1,1)(2,2)
大 Veblen 系统 ^[105]	$\psi(\psi_1(0))$ (MOCF)
LVS	$\psi(\Omega_2)$ (BOCF)
(Large Veblen System)	(0,0)(1,1)(2,2)
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(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
扩展 Veblen 系统 ^[105]	$\psi(\psi_1(0))$ (MOCF)
ExV	$\psi(\Omega_2)$ (BOCF)
(Extended Veblen Function)	(0,0)(1,1)(2,2)
Ω 记号 Ω Notation	$\psi(\psi_1(0))$ (MOCF)
	$\psi(\Omega_2)$ (BOCF)
	(0)(1,1)(2,2)
含 ~ 的 Bird 数阵 ^[112]	$\psi(\psi_2(0))$ (MOCF)
Bird's \sim	$\psi(\Omega_3)$ (BOCF)
(Bird)	(0,0)(1,1)(2,2)(3,3)
含 ♦ 的 Bird 数阵 ^[112]	$\psi(\psi_3(0)) \text{ (MOCF)}$
日 ▼ 町 Bird 数件 「Bird's ◆	$\psi(\Omega_4)$ (BOCF)
Dird s ▼	(0,0)(1,1)(2,2)(3,3)(4,4)

B.5 Part V

记号名称 (中文名称/英文缩写/英文全称/ 提出者/提出时间)	极限
$\mathrm{PTO}\left(\left(\Pi_{1}^{1}-\mathrm{CA}\right)_{0}\right)$	$\psi(\Omega_{\omega}) \text{ (MOCF)}$ $\psi(\Omega_{\omega}) \text{ (BOCF)}$ $(0,0,0)(1,1,1)$
Buchholz's 序数 ^[113] BO (Buchholz's Ordinal)	$\psi(\Omega_{\omega}) \text{ (MOCF)}$ $\psi(\Omega_{\omega}) \text{ (BOCF)}$ $(0,0,0)(1,1,1)$
SGH 首次追平 FGH 1st SF catching	$\psi(\Omega_{\omega}) \text{ (MOCF)}$ $\psi(\Omega_{\omega}) \text{ (BOCF)}$ $(0,0,0)(1,1,1)$
单一递增元序列 ^[101-103] SIUN (Single Increase Unit Notation) (318'4, 2023)	$\psi(\Omega_{\omega}) \text{ (MOCF)}$ $\psi(\Omega_{\omega}) \text{ (BOCF)}$ (0,0,0)(1,1,1)
超初等序列 ^[114] HPrSS (Hyper Primitive Sequence System)	$\psi(\Omega_{\omega}) \text{ (MOCF)}$ $\psi(\Omega_{\omega}) \text{ (BOCF)}$ $(0,0,0)(1,1,1)$
进制数阵 I ABN I (Array Basic Notation I) (4574, 2021)	$\psi(\Omega_{\omega}) \text{ (MOCF)}$ $\psi(\Omega_{\omega}) \text{ (BOCF)}$ $(0,0,0)(1,1,1)$

记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
双行序列系统[115]	$\psi(\Omega_{\omega}) \text{ (MOCF)}$
PSS	$\psi(\Omega_{\omega})$ (BOCF)
(Pair Sequence System)	(0,0,0)(1,1,1)
含 & 的 BEAF ^[86]	$\psi(\Omega_{\omega})$ (MOCF)
& in BEAF	$\psi(\Omega_{\omega})$ (BOCF)
W III 2212	(0,0,0)(1,1,1)
增长链	$> \psi(\Omega_{\omega}) \text{ (MOCF)}$
Increasable Chain	$> \psi(\Omega_{\omega}) \text{ (BOCF)}$
(4574, 2023)	>(0,0,0)(1,1,1)
SCG 函数 ^[116]	$\psi(\Omega_{\omega} \cdot \omega) \sim \psi(\Omega_{\omega}^{\omega}) \text{ (MOCF)}$
SCG Function	$\psi(\Omega_{\omega} \cdot \omega) \sim \psi(\Omega_{\omega}^{\ \omega}) \text{ (BOCF)}$
(Subcubic Graph number)	在 (0,0,0)(1,1,1)(2,0,0)
(Friedman)	与 $(0,0,0)(1,1,1)(2,1)(3,0,0)$ 之间
SSCG 函数 ^[116]	$\psi(\Omega_{\omega} \cdot \omega) \sim \psi(\Omega_{\omega}^{\omega}) \text{ (MOCF)}$
SSCG Function	$\psi(\Omega_{\omega} \cdot \omega) \sim \psi(\Omega_{\omega}^{\omega}) \text{ (BOCF)}$
(Simple Subcubic Graph number)	在 (0,0,0)(1,1,1)(2,0,0)
(Friedman)	
Buchholz's ψ 函数 ^[117]	
BPF	
(Buchholz's ψ Function)	
(Buchholz, 1986)	(0,0,0)(1,1,1)(2,1)(3,2,0)
Takeuti-Feferman-Buchholz's 序数 ^[118]	$\psi(\psi_{\omega}(0))$ (MOCF)
TFBO	$\psi(\Omega_{\omega+1})$ (BOCF)
(Takeuti-Feferman-Buchholz's Ordinal)	(0,0,0)(1,1,1)(2,1)(3,2,0)
	$\psi(\psi_{\omega}(0))$ (MOCF)
$PTO(\Pi_1^1 - CA + BI)$	$\psi(\Omega_{\omega+1})$ (BOCF)
,	
BHydra 函数 ^[119]	
·	
v	
,	(0,0,0)(1,1,1)(2,1)(3,2,0)
Bird 数阵 ^[112]	
BAN	$\psi(\Omega_{\Omega})$ (MOCF)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0)
Bird 序数 ^[112]	$\psi(\Omega_{\Omega})$ (MOCF)
BIO	
(Bird's Ordinal)	, ,, ,
(Friedman) SSCG 函数 [116] SSCG Function (Simple Subcubic Graph number) (Friedman) Buchholz's ψ 函数 [117] BPF (Buchholz's ψ Function) (Buchholz, 1986) Takeuti-Feferman-Buchholz's 序数 [118] TFBO (Takeuti-Feferman-Buchholz's Ordinal) PTO (Π¹1 - CA + BI) BHydra 函数 [119] BHydra (Buchholz's Hydra) (Buchholz, 1987) Bird 数阵 [112] BAN (Bird's Array Notation) (Bird, 2014) Bird 序数 [112] BIO	与 $(0,0,0)(1,1,1)(2,1)(3,0,0)$ 之间 $\psi(\Omega_{\omega} \cdot \omega) \sim \psi(\Omega_{\omega}^{\omega}) \text{ (MOCF)}$ $\psi(\Omega_{\omega} \cdot \omega) \sim \psi(\Omega_{\omega}^{\omega}) \text{ (BOCF)}$ 茬 $(0,0,0)(1,1,1)(2,0,0)$ 与 $(0,0,0)(1,1,1)(2,1)(3,0,0)$ 之间 $\psi(\psi_{\omega}(0)) \text{ (MOCF)}$ $\psi(\Omega_{\omega+1}) \text{ (BOCF)}$ $(0,0,0)(1,1,1)(2,1)(3,2,0)$ $\psi(\psi_{\omega}(0)) \text{ (MOCF)}$ $\psi(\Omega_{\omega+1}) \text{ (BOCF)}$ $(0,0,0)(1,1,1)(2,1)(3,2,0)$ $\psi(\psi_{\omega}(0)) \text{ (MOCF)}$ $\psi(\Omega_{\omega+1}) \text{ (BOCF)}$ $(0,0,0)(1,1,1)(2,1)(3,2,0)$ $\psi(\psi_{\omega}(0)) \text{ (MOCF)}$ $\psi(\Omega_{\omega+1}) \text{ (BOCF)}$ $(0,0,0)(1,1,1)(2,1,0)(3,2,0)$

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(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	11274
发出名/发出到147/	$\psi(2 \ 1-2)$
	$\psi(2 \mid 2)$ $\psi(\psi_I(0)) \text{ (M-like)}$
$PTO ((\Pi_1^1 - TR)_0)$	$\psi(I)$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
	$\psi(2\ 1-2)$
SGH 第 ω 次追平 FGH	$\psi(2 \mid 1 - 2)$ $\psi(\psi_I(0)) \text{ (M-like)}$
	$\psi(\psi_I(0))$ (NI-like) $\psi(I)$ (B-like)
ω th SF catching	
	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
扩展 Buchholz 序数 ^[120]	$\psi(2 1-2)$
EBO	$\psi(\psi_I(0))$ (M-like)
(Extended Buchholz's Ordinal)	$\psi(I)$ (B-like)
+ □ □ □ □ / □ □ ₩ [121]	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
扩展 Buchholzψ 函数 ^[121]	$\psi(2 1-2)$
EBPF	$\psi(\psi_I(0))$ (M-like)
(Extended Buchholz's ψ Function)	$\psi(I)$ (B-like)
(Maksudov, 1987)	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
急序列系统	$\psi(2 1-2)$
SSS	$\psi(\psi_I(0))$ (M-like)
(Sudden Sequence System)	$\psi(I)$ (B-like)
(Bashicu, 2017)	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
Buchholz's Φ 函数	$\psi(I^{I^I})$ (M-like)
Buchholz's Φ	$\psi(I^{I^I})$ (B-like)
(Buchholz, 1987)	(0,0,0)(1,1,1)(2,1,1)-
(Budinoiz, 1001)	(3,1,0)(4,1,0)(5,1,0)
Jäger 序数	$\psi(2 \text{ aft } 1-2)$
JO	$\psi\left(\psi_{\Omega_{I+1}}(0)\right)$ (M-like)
(Jäger's Ordinal)	$\psi(\Omega_{I+1})$ (B-like)
(Jager's Ordinar)	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
DTO/VD:)	$\psi(2 \text{ aft } 1-2)$
	$\psi\left(\psi_{\Omega_{I+1}}(0)\right)$ (M-like)
PTO(KPi)	$\psi(\Omega_{I+1})$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
Jäger-Buchholz 函数 ^[122]	$\psi(2 \text{ aft } 1-2)$
JBF	$\psi\left(\psi_{\Omega_{I+1}}(0)\right)$ (M-like)
(Jäger-Buchholz Function)	$\psi(\Omega_{I+1})$ (B-like)
(Jäger, Buchholz)	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)

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提出者/提出时间)	
	$\psi(2 \text{ aft } 1-2)$
N-like 首次追平 BOCF	$\psi\left(\psi_{\Omega_{I+1}}(0)\right)$ (M-like)
1st NOCF catches BOCF	$\psi(\Omega_{I+1})$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
小不可达序数	$\psi(1-2 \ 1-2)$
SIO	$\psi(I_{\omega})$ (M-like)
(Small Inaccessible Ordinal)	$\psi(I_{\omega})$ (B-like)
(2023)	(0,0,0)(1,1,1)(2,1,1)(3,1,1)
	$\psi((1-)^{(2\ 1-2)}2\ 1-2)$
+717人	$\psi(I_I) \; (ext{M-like})$
超阶乘数阵[123]	$\psi(I_I)$ (B-like)
HAN	(0,0,0)(1,1,1)(2,1,1)(3,1,1)-
(Hyper-factoral Array Notation)	-(2,1,1)(3,1,0)(1,1,1)(2,1,1)-
(2013)	-(3,1,0)(4,2,1)(5,2,1)(6,2,1)
	-(5,2,1)(6,1,0)(2,0,0)
	$\psi(2 \text{ aft } 2 \ 1 - 2 \ 1 - 2)$
	$\psi(\psi_{\Omega_{I(1,0)+1}}(0)) \text{ (M-like)}$
大数入门 OCF ^[124]	$\psi(\Omega_{I(1,0)+1})$ (B-like)
(HypCos, 2014)	(0,0,0)(1,1,1)(2,1,1)(3,1,1)-
	(2,1,1)(3,1,0)(4,2,0)
	$\psi(2 \text{ aft } 2 1 - 2 1 - 2)$
	$\psi(\psi_{\Omega_{I(1,0)+1}}(0)) \text{ (M-like)}$
PTO(KPH)	$\psi(\varphi_{\Omega_{I(1,0)+1}}(0))$ (NI-IRC) $\psi(\Omega_{I(1,0)+1})$ (B-like)
110(K111)	(0,0,0)(1,1,1)(2,1,1)(3,1,1) -
	$(2,1,1)(3,1,0)(4,2,0) \psi((2\ 1-)^{\omega}\ 2)$
多重 Buchholz 序数	
MBO	$\psi(I(\omega,0))$ (M-like)
(Mutiply Buchholz's Ordinal)	$\psi(I(\omega,0))$ (B-like)
AN M. D 7 W. [195]	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
线性 R 函数 ^[125]	$\psi((2\ 1-)^{\omega}\ 2)$
LRF	$\psi(I(\omega,0))$ (M-like)
(Linear R Function)	$\psi(I(\omega,0))$ (B-like)
(HypCos, 2013)	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
简单迭代数阵[126]	$\psi((2-1-)^{\omega} 2)$
SIAN	$\psi(I(\omega,0))$ (M-like)
(Simple Iteration Array Notation)	$\psi(I(\omega,0))$ (B-like)
(aeroplane32, 2018)	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)

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提出者/提出时间)	
超级数阵	$\psi((2\ 1-)^{\omega}\ 2)$
UlAN	$\psi(I(\omega,0))$ (M-like)
(Ultra Array Notation)	$\psi(I(\omega,0))$ (B-like)
(五年高考, 2020)	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
Fire 数阵	$\psi((2\ 1-)^{\omega}\ 2)$
FAN	$\psi(I(\omega,0))$ (M-like)
(Fire Array Notation)	$\psi(I(\omega,0))$ (B-like)
(1000°C 的人, 2023)	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
线性 Zenith 记号 ^[127]	$\psi((2\ 1-)^{\omega}\ 2)$
LZN	$\psi(I(\omega,0))$ (M-like)
(Linear Zenith Notation)	$\psi(I(\omega,0))$ (B-like)
(Emear Zemtii Notation)	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
a 强数组记号-1 ^[128]	$\psi((2\ 1-)^{\omega}\ 2)$
a JESSEN L 9-1	$\psi(I(\omega,0))$ (M-like)
(a Strong Array Notation-1)	$\psi(I(\omega,0))$ (B-like)
(a Strong Array Notation-1)	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)

B.6 Part VI

记号名称 (中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	//(2.1)11.9)
+11/11 D 11 1 P W.	$\psi((2\ 1-)^{1,1}\ 2)$
超限 Buchholz 序数	$\psi(I(1,0,0))$ (M-like)
TBO	$\psi(I(1,0,0))$ (B-like)
(Transfinty Buchholz's Ordinal)	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,0)(2,0,0)
	$\psi((2\ 1-)^{1,1}\ 2)$
维度 R 函数 ^[125]	$\psi(I(1,0,0))$ (M-like)
Dimensional R Function	$\psi(I(1,0,0))$ (B-like)
Dimensional & Function	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,0)(2,0,0)
	$\psi(2 \text{ aft } 2-2)$
小 Rathjen 序数	$\psi(\psi_{\Omega_{M+1}}(0))$ (M-like)
SRO	$\psi(\Omega_{M+1})$ (B-like)
(Small Rathjen's Ordinal)	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,0)(4,2,0)

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(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	1)X PK
延出有/延出时间/	$\psi(2 \text{ aft } 2-2)$
	$\psi(2 \text{ at } 2 - 2)$ $\psi(\psi_{\Omega_{M+1}}(0)) \text{ (M-like)}$
Mahlo 序数折叠函数	
Mahlo OCF	$\psi(\Omega_{M+1})$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,0)(4,2,0)
	$\psi(2 \text{ aft } 2-2)$
DMO(KDM)	$\psi(\psi_{\Omega_{M+1}}(0))$ (M-like)
PTO(KPM)	$\psi(\Omega_{M+1})$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,0)(4,2,0)
D 11. Z M. [120]	$\psi(1-2-2)$
Rathjen's χ 函数 ^[129]	$\psi(M_{\omega}) \; ext{(M-like)}$
Rathjen's χ	$\psi(M_{\omega}) ext{ (B-like)}$
(Rathjen, 1989)	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,1)
), 11, 111 m/, [100]	$\psi(1-2-2)$
字节数阵 ^[130] Bite Notation (Glise229, 2020)	$\psi(M_{\omega}) \text{ (M-like)}$
	$\psi(M_{\omega})$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,1)
小 Mahlo 序数	$\psi(1-2-2)$
SMO (Small Mahlo Ordinal) (2023)	$\psi(M_{\omega}) \; (\text{M-like})$
	$\psi(M_{\omega})$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,1)
疯狂 Mahlo 记号	$\psi(2 \text{ aft } 2 - 2 - 2)$
CMN	$\psi(\psi_{\Omega_{N+1}}(0))$ (M-like)
(Crazy Mahlo Notation)	$\psi(\Omega_{N+1})$ (B-like)
(Bugit, 2022)	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,1)(3,1,0)(4,2,0)
小不可转换序数 SNO (Small Nonconvertible Ordinal)	$\psi(1-2-2-2)$
	$\psi(N_{\omega})$ (M-like)
	$\psi(N_{\omega})$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(3,1,1)(3,1,1)

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记号名称 (中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	1/X PK
эсш ну эсшизгч	$\psi(2 \text{ aft } 3)$
	$\psi(\psi_{\Omega_{K+1}}(0))$ (M-like)
$PTO(KP + \Pi_3 - Ref)$	$\psi(\Omega_{K+1})$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(4,1,0)(5,2,0)
	$\psi(2 \text{ aft } 3)$
Rathjen 序数	$\psi(\psi_{\Omega_{K+1}}(0))$ (M-like)
RO	$\psi(\Omega_{K+1})$ (B-like)
(Rathjen's Ordinal)	(0,0,0)(1,1,1)(2,1,1)-
(Rathjen)	(3,1,1)(4,1,0)(5,2,0)
	$\psi(2 \text{ aft } 3)$
美元记号[131]	$\psi(\psi_{\Omega_{K+1}}(0))$ (M-like)
Dollar Function	$\psi(\Omega_{K+1})$ (B-like)
(Wythagoras, 2013)	(0,0,0)(1,1,1)(2,1,1) -
	(3,1,1)(4,1,0)(5,2,0)
	$\psi(2 \text{ aft } 3)$
Rathjen's Ξ 函数 ^[129]	$\psi(\psi_{\Omega_{K+1}}(0))$ (M-like)
Rathjen's Ξ	$\psi(\Omega_{K+1})$ (B-like)
(Rathjen)	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(4,1,0)(5,2,0)
弱 UN 序数折叠函数 ^[132]	$\psi((3-)^{\omega})$
Weak UNOCF	(0,0,0)(1,1,1)(2,1,1)-
(Weak Username5243 OCF)	(3,1,1)(4,1,1)(5,0,0)
(Username5243, 2018)	(3, 1, 1)(1, 1, 1)(3, 3, 3)
	$\psi(2 ext{ aft } 4)$
Duchhart 序数折叠函数 ^[133]	$\psi(\psi_{\Omega_{\Pi_4+1}}(0))$ (M-like)
Duchhart's OCF	$\psi(\Omega_{\Pi_4+1})$ (B-like)
(Duchhart)	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(4,1,1)(5,1,0)(6,2,0)
$\mathrm{PTO}\left(\mathrm{KP} + \Pi_{4} - \mathrm{Ref}\right)$	$\psi(2 ext{ aft } 4)$
	$\psi(\psi_{\Omega_{\Pi_4+1}}(0))$ (M-like)
	$\psi(\Omega_{\Pi_4+1})$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(4,1,1)(5,1,0)(6,2,0)
ادودا لارخى	$\psi(2 \text{ aft } 4)$
Duchhart 序数 ^[133]	$\psi(\psi_{\Omega_{\Pi_4+1}}(0))$ (M-like)
DO	$\psi(\Omega_{\Pi_4+1})$ (B-like)
(Duchhart's Ordinal)	(0,0,0)(1,1,1)(2,1,1)-
	(3,1,1)(4,1,1)(5,1,0)(6,2,0)

记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
扩展I函数	$\psi((3-)^{\omega})$
EIF	$\varphi((3^{-})^{-})$ (0,0,0)(1,1,1)(2,1,1)-
(Extend I Function)	(3,1,1)(4,1,1)(5,1,1)(6,0,0)
(Bugit, 2023)	(3,1,1)(4,1,1)(3,1,1)(0,0,0)
	$\psi(\Pi_{\omega})$
$\sup \{ \operatorname{PTO} \left(\operatorname{KP} + \Pi_n - \operatorname{Ref} \right) \mid n \in \omega \} $	$\psi\left(\lambda\alpha.(\alpha+1)-\Pi_0\right)$
	(0,0,0)(1,1,1)(2,2,0)
小 Stegert 序数	$\psi(\Pi_\omega)$
SSO	$\psi\left(\lambda\alpha.(\alpha+1)-\Pi_0\right)$
(Small Stegert Ordinal)	(0,0,0)(1,1,1)(2,2,0)
反射数阵记号	
RAN	$\psi(\Pi_\omega)$
(Reflecting Array Notation)	$\psi\left(\lambda\alpha.(\alpha+1)-\Pi_0\right)$
(Y_cpper)	(0,0,0)(1,1,1)(2,2,0)
2 -转移 $\psi^{[134]}$	$\psi(\Pi_\omega)$
2-shifted ψ	$\psi\left(\lambda\alpha.(\alpha+1)-\Pi_0\right)$
(Solar Zone)	(0,0,0)(1,1,1)(2,2,0)
初级下降数阵[128]	$\psi(\Pi_{\omega})$
PDAN	$\psi\left(\lambda\alpha.(\alpha+1)-\Pi_0\right)$
(Pirmary Dropping Array Notation)	(0,0,0)(1,1,1)(2,2,0)
魔塔数阵[135]	(0,0,0)(-,-,-)(-,-,0)
MOTAN	$\psi(\Pi_\omega)$
(MOTA Notation)	$\psi\left(\lambda\alpha.(\alpha+1)-\Pi_0\right)$
(Gomen, 2021)	(0,0,0)(1,1,1)(2,2,0)
M 记号	$\psi(\Pi_\omega)$
M notation	$\psi(\Pi_{\omega})$ $\psi(\lambda\alpha.(\alpha+1)-\Pi_0)$
(Test_alpha0, 2021)	(0,0,0)(1,1,1)(2,2,0)
(Test_alphao, 2021) C 记号	$\psi(\Pi_{\omega})$
C notation	$\psi(\Pi_{\omega})$ $\psi(\lambda \alpha.(\alpha+1) - \Pi_0)$
	, , , , , , , , , , , , , , , , , , , ,
(Y_cpper, 2023)	(0,0,0)(1,1,1)(2,2,0)
DTO(-4-1-124-)	$\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0)$
PTO(stability)	(0,0,0)(1,1,1)(2,2,0)
十 (1)	(3,2,0)(4,1,0)(2,0,0)
大 Stegert 序数 ^[136]	$\psi(\Pi_{1,0})$
LSO	$\psi\left(\lambda\alpha.(\alpha\cdot 2) - \Pi_0\right)$
(Large Stegert Ordinal)	(0,0,0)(1,1,1)(2,2,0)-
(Stegert)	(3,2,0)(4,1,0)(2,0,0)

记号名称 (中文名称/英文缩写/英文全称/ 提出者/提出时间)	极限
Stegert 序数折叠函数 ^[136] Stegert's OCF (Stegert)	$\psi(\Pi_{1,0})$ $\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0)$ $(0,0,0)(1,1,1)(2,2,0) -$ $(3,2,0)(4,1,0)(2,0,0)$
扩展箭头记号 EUAN (Extend Arrow Array Notation) (Y_cpper, 2020)	$\psi(\Pi_{1,0})$ $\psi(\lambda\alpha.(\alpha\cdot 2) - \Pi_0)$ $(0,0,0)(1,1,1)(2,2,0) -$ $(3,2,0)(4,1,0)(2,0,0)$
容许-非递归分离序数 APO (Admissible-parameter free- effective cardinal Ordinal)	$\psi \left(\Pi_1 \left(\lambda \alpha. (\Omega_{\alpha+1}) - \Pi_1\right)\right)$ $(0,0,0)(1,1,1)(2,2,0) -$ $(3,2,0)(4,1,1)$
容许初等序列 Adm PrSS (Admissible PrSS) (Alpha, Destoria, 2023)	$\psi \left(\Pi_1 \left(\lambda \alpha. (\Omega_{\alpha+1}) - \Pi_1\right)\right) \\ (0,0,0)(1,1,1)(2,2,0) - \\ (3,2,0)(4,1,1)$
投影首次追平 pfec 稳定 1s time projection catcheswith pfec stable	可能为 $\psi(\lambda\alpha.\Gamma(\Omega_{\alpha+1}+1)-\Pi_0)$ $(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,2,0)$

B.7 Part VII

记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
首个返回齿轮序数	$\psi\left(\Pi_1\left(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1\right)\right)$
BGO	$\psi(\Pi_1(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1))$ $(0,0,0)(1,1,1)(2,2,1)$
(1st Back Gear Ordinal)	(0,0,0)(1,1,1)(2,2,1)
扩展 M 记号	$\psi\left(\Pi_1\left(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1\right)\right)$
extended-M notation	$\psi(\Pi_1(\lambda\alpha.(\mathfrak{U}_{\alpha+2}) - \Pi_1))$ $(0,0,0)(1,1,1)(2,2,1)$
(Test_alpha0, 2021)	(0,0,0)(1,1,1)(2,2,1)
进制数阵 III	
ABNIII	$\psi\left(\Pi_1\left(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1\right)\right)$
(Array Basic Notation III)	(0,0,0)(1,1,1)(2,2,1)
(2022)	

记号名称		
接接序数折叠函数 LkOCF (Linked Ordinal Collapsing Function) (74(Nonconvertible)) (0,0,0)(1,1,1)(2,2,1) (0,0,0)(1,1,1)(2,2,1) (0,0,0)(1,1,1)(2,2,1) (0,0,0)(1,1,1)(2,2,1) (0,0,0)(1,1,1)(2,2,1) (0,0,0)(1,1,1)(2,2,1) (0,0,0)(1,1,1)(2,2,1) (2,1,1)(3,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(2,2,0) (0,0,0)(1,1,1)(2,2,1)(2,2,0) (0,0,0)(1,1,1)(2,2,1)(2,2,0) (0,0,0)(1,1,1)(2,2,1)(2,2,0) (0,0,0)(1,1,1)(2,2,1)(2,2,0) (0,0,0)(1,1,1)(2,2,1)(2,2,0) (0,0,0)(1,1,1)(2,2,1)(2,2,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0) (0,0,0)(1,1,1)(2,2,1)(3,0,0)		极限
LkOCF	提出者/提出时间)	
(Linked Ordinal Collapsing Function) (74(Nonconvertible)) 次阶下降数阵 [128] SDAN (Secondry Strong Array Notation) (HypCos, 2015) $ \begin{array}{c} K \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	链接序数折叠函数	
(Linked Ordinal Collapsing Function) (74(Nonconvertible)) 次阶下降数阵 [128] SDAN (Secondry Strong Array Notation) (HypCos, 2015) $ \begin{array}{c} K \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	LkOCF	$\psi\left(\Pi_1\left(\lambda\alpha.(\Omega_{\alpha+2})-\Pi_1\right)\right)$
(74(Nonconvertible))	(Linked Ordinal Collapsing Function)	
次阶下降数阵 $^{[128]}$ SDAN (Secondry Strong Array Notation) (HypCos, 2015) $ \begin{array}{c} K \ \Box \\ K \ \Box \\ K \ \Box \\ C \ \Box \\$		
SDAN (Secondry Strong Array Notation) (HypCos, 2015) $ \begin{array}{c} K \ \Box \\ K \ \Box \\ K \ Notation \\ (Test_alpha0, 2021) \\ \hline \\ Z - Dropping C \ Notation \\ (Y_cpper, 2023) \\ BMS4.1 首次追平 BMS4 \\ 1st time BM4.1 catches BM4 \\ \hline SDO (Small Dropping Ordinal) (Username5243) \begin{array}{c} \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(2,2,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ (0,0,0)(1,1,1)(2,2,1)(3,0,0) \\ \hline \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda \alpha.(\alpha + 1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha + 2}) - \Pi_1 \right) \right) \\ \psi \left(\lambda$		
(Secondry Strong Array Notation) (HypCos, 2015) $ \begin{array}{c} (0,0,0)(1,1,1)(2,2,1) - \\ (2,1,1)(3,2,1)(3,0,0) \\ \hline \\ K \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$, (= (, = /, /
(HypCos, 2015) K 记号 K Notation (Test_alpha0, 2021) 二阶下降 C 记号 2-Dropping C Notation (Y_cpper, 2023) BMS4.1 首次追平 BMS4 1st time BM4.1 catches BM4 小下降序数 SDO (Small Dropping Ordinal) (Username5243) 扩展魔塔数阵[137] Extend MOTAN (Gomen, 2021) 强数阵 SAN(DAN) (Strong Array Notation) (2,1,1)(3,2,1)(3,0,0) (2,1,1)(3,2,1)(3,0,0) $\psi(\lambda\alpha.(\alpha+1) - \Pi_0(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1))$ (0,0,0)(1,1,1)(2,2,1)(2,2,0) ($(0,0,0)(1,1,1)(2,2,1)(2,2,0)$ ($(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ ($(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ ($(0,0,0)(1,1,1)(2,2,1)(3,0,0)$		
	,	(2,1,1)(3,2,1)(3,0,0)
(Test_alpha0, 2021) 二阶下降 C 记号 2-Dropping C Notation (Y_cpper, 2023) BMS4.1 首次追平 BMS4 1st time BM4.1 catches BM4 $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Small Dropping Ordinal) (Username5243) 扩展魔塔数阵[137] Extend MOTAN (Gomen, 2021) 强数阵 SAN(DAN) (Strong Array Notation) (0,0,0)(1,1,1)(2,2,1)(2,2,0) $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (0,0,0)(1,1,1)(2,2,1)(3,0,0) $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (0,0,0)(1,1,1)(2,2,1)(3,0,0)	,	
二阶下降 C 记号 2-Dropping C Notation (Y_cpper, 2023) $ \begin{array}{c} $		(0,0,0)(1,1,1)(2,2,1)(2,2,0)
2-Dropping C Notation $(Y_{cpper}, 2023)$ $\psi(\lambda\alpha.(\alpha+1) - \Pi_0(\lambda\alpha.(\Omega_{\alpha+2}) - \Pi_1))$ $(0,0,0)(1,1,1)(2,2,1)(2,2,0)$ BMS4.1 首次追平 BMS4 $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ 1st time BM4.1 catches BM4 $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Small Dropping Ordinal) $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Small Dropping Ordinal) $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Username5243) $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ Extend MOTAN $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation) $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation) $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation)		
(Y_cpper, 2023) $(0,0,0)(1,1,1)(2,2,1)(2,2,0)$ BMS4.1 首次追平 BMS4 $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ 1st time BM4.1 catches BM4 $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ 小下降序数 $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ (Small Dropping Ordinal) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ (Username5243) $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ (Username5243) $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ Extend MOTAN $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ 選数阵 $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ (Strong Array Notation) $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ (Strong Array Notation) $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$	171 1 11 0 13 0	$\psi \left(\lambda \alpha.(\alpha+1) - \Pi_0 \left(\lambda \alpha.(\Omega_{\alpha+2}) - \Pi_1\right)\right)$
BMS4.1 首次追平 BMS4 $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ 1st time BM4.1 catches BM4 $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ 小下降序数 SDO $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Small Dropping Ordinal) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ (Username5243) $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ Extend MOTAN $(Gomen, 2021)$ $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ 强数阵 SAN(DAN) $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation) $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation)		(0,0,0)(1,1,1)(2,2,1)(2,2,0)
1st time BM4.1 catches BM4 $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ 小下降序数 SDO $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ (Small Dropping Ordinal) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ (Username5243) $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ Extend MOTAN $(Gomen, 2021)$ $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ 强数阵 SAN(DAN) $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ (Strong Array Notation) $\psi(\lambda\alpha.\Omega_{\alpha+\omega}-\Pi_0)$ $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$		ah () o O II.)
小下降序数 $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Small Dropping Ordinal) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ (Username5243) $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ ($0,0,0)(1,1,1)(2,2,1)(3,0,0)$ ($0,0,0)(1,1,1)(2,2,1)(3,0,0)$ ($0,0,0)(1,1,1)(2,2,1)(3,0,0)$ ($0,0,0)(1,1,1)(2,2,1)(3,0,0)$ (Strong Array Notation) $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ ($0,0,0)(1,1,1)(2,2,1)(3,0,0)$, (, ,
SDO $\psi (\lambda \alpha. \Omega_{\alpha+\omega} - \Pi_0)$ (Small Dropping Ordinal) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ (Username5243) 扩展魔塔数阵 [137] Extend MOTAN (Gomen, 2021) 强数阵 SAN(DAN) $\psi (\lambda \alpha. \Omega_{\alpha+\omega} - \Pi_0)$ (0,0,0)(1,1,1)(2,2,1)(3,0,0) $\psi (\lambda \alpha. \Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation) $\psi (\lambda \alpha. \Omega_{\alpha+\omega} - \Pi_0)$ (0,0,0)(1,1,1)(2,2,1)(3,0,0)		(0,0,0)(1,1,1)(2,2,1)(0,0,0)
(Small Dropping Ordinal) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ (Username5243) 扩展魔塔数阵 [137] $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation) $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (0,0,0)(1,1,1)(2,2,1)(3,0,0) $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (0,0,0)(1,1,1)(2,2,1)(3,0,0)		а/, () с. О. — П.)
(Username5243) 扩展魔塔数阵 [137] Extend MOTAN (Gomen, 2021) 强数阵 SAN(DAN) (Strong Array Notation) $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ $\psi (0,0,0)(1,1,1)(2,2,1)(3,0,0)$ $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ $\psi (0,0,0)(1,1,1)(2,2,1)(3,0,0)$, (, ,
扩展魔塔数阵 [137] $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ Extend MOTAN $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ 强数阵 $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation) $\psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$, ,	(0,0,0)(1,1,1)(2,2,1)(3,0,0)
Extend MOTAN $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$ $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ 强数阵 $\psi(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0)$, ,	
(Gomen, 2021) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$ 强数阵 $SAN(DAN) \qquad \qquad \psi (\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$		$\psi \left(\lambda \alpha . \Omega_{\alpha + \omega} - \Pi_0 \right)$
選数阵 $SAN(DAN) \qquad \qquad \psi \left(\lambda\alpha.\Omega_{\alpha+\omega} - \Pi_0\right)$ (Strong Array Notation) $\qquad \qquad (0,0,0)(1,1,1)(2,2,1)(3,0,0)$		(0,0,0)(1,1,1)(2,2,1)(3,0,0)
SAN(DAN) $\psi (\lambda \alpha. \Omega_{\alpha+\omega} - \Pi_0)$ (Strong Array Notation) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$		
(Strong Array Notation) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$		(4) 0 7)
	, ,	
	, /	(0,0,0)(1,1,1)(2,2,1)(3,0,0)
(HypCos, 2015)	* * * * * * * * * * * * * * * * * * * *	
ω 记号 $\psi\left(\lambdalpha.\Omega_{lpha+\omega}-\Pi_0 ight)$		$\psi \left(\lambda \alpha . \Omega_{\alpha + \omega} - \Pi_0 \right)$
ω notation $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$, (, ,
(Test_alpha0, 2021)		
R 函数 $^{[128]}$ $\psi (\lambda \alpha. \Omega_{\alpha+\omega} - \Pi_0)$		$\psi\left(\lambda\alpha.\Omega_{\alpha+\alpha}-\Pi_{0}\right)$
R function $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$, (, ,
(HypCos, 2014)	,	(*, *, *,(-, *, *)(-, -, *)(0, *, *)
Taranovsky 序数记号 ^[138]	Taranovsky 序数记号 ^[138]	
TON(main) $\psi \left(\lambda \alpha . \Omega_{\alpha+\omega} - \Pi_0 \right)$	TON(main)	$\psi \left(\lambda \alpha . \Omega_{\alpha + \omega} - \Pi_0 \right)$
(Taranovsky's Ordinal Notation) $(0,0,0)(1,1,1)(2,2,1)(3,0,0)$	(Taranovsky's Ordinal Notation)	(0,0,0)(1,1,1)(2,2,1)(3,0,0)
(Taranovsky, 2015)	(Taranovsky, 2015)	

记号名称	
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长初等序列 ψ	$\psi \left(\lambda \alpha . \Omega_{\alpha + \omega} - \Pi_0 \right)$
$ ext{LPrSS}\psi$	(0,0,0)(1,1,1)(2,2,1)(3,0,0)
(Long Primary Sequence System ψ)	(0,0,0)(1,1,1)(2,2,1)(0,0,0)
Tar 函数 ^[139]	$\psi \left(\lambda \alpha.\Omega_{\alpha+\omega} - \Pi_0\right) + 1$
n-intar c's	$ \begin{array}{c} \psi (\lambda a.32_{\alpha+\omega} - 11_0) + 1 \\ (0,0,0)(1,1,1)(2,2,1)(3,0,0)(0,0,0) \end{array} $
(Taranovsky Function)	(0,0,0)(1,1,1)(2,2,1)(3,0,0)(0,0,0)
S 记号	$\psi \left(\lambda \alpha . \Omega_{\alpha + \omega + 1} - \Pi_0 \right)$
S Notation	(0,0,0)(1,1,1)(2,2,1)
(Test_alpha0, 2021)	-(3,0,0)(2,2,1)
大下降序数	
LDO	$\psi\left(\lambda\alpha.\Phi(1,\alpha+1)-\Pi_0\right)$
(Large Dropping Ordinal)	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
(Username5243)	
多逗号系统	
MCS	$\psi\left(\lambda\alpha.\Phi(1,\alpha+1)-\Pi_0\right)$
(Multiple Comma System)	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
(74(Nonconvertable))	
大型 X 系统	
LXN	$\psi\left(\lambda\alpha.\Phi(1,\alpha+1)-\Pi_0\right)$
(Large X Notation)	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
(Test_alpha0)	
嵌套下降数阵 ^[128]	
NDAN	$\psi\left(\lambda\alpha.\Phi(1,\alpha+1)-\Pi_0\right)$
(Nested Down Arrow Notation)	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
(HypCos, 2017)	
UN 序数折叠函数 ^[132]	
UNOCF	$ab(\lambda \circ \Phi(1 \circ + 1) \cup \Pi)$
(Username5243's-	$\psi(\lambda \alpha. \Phi(1, \alpha + 1) - \Pi_0)$
Ordinal Collapsing Function)	(0)(1,1,1)(2,2,1)(3,2,0)
(Username5243, 2018)	
弱下降子扩张数阵[128]	
WDEN	
(Weak Dropping-	$\psi(\lambda \alpha. \Phi(1, \alpha + 1) - \Pi_0)$
Exrtended Notation)	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
(HypCos, 2017)	

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记号名称	±17 17EI
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间) 多重弱下降子扩张数阵 ^[128]	
多里羽下牌丁扩张叙件 ^[] MWDEN	
	$\psi\left(\lambda\alpha.\Phi(1,\alpha+1)-\Pi_0\right)$
(Multy Weak Dropping- Exrtended Notation)	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
(HypCos, 2017)	
双重 +1 稳定序数	
双里+I 徳足庁奴 DSO	$\psi\left(\lambda\alpha.\left(\lambda\beta.(\beta+1)-\Pi_0\right)-\Pi_0\right)$
	(0,0,0)(1,1,1)(2,2,1)(3,3,0)
(Doubly +1 stable) E 记号	
E Notation	$\psi\left(\lambda\alpha.\left(\lambda\beta.(\beta+1)-\Pi_0\right)-\Pi_0\right)$
	(0,0,0)(1,1,1)(2,2,1)(3,3,0)
(Y_cpper, 2023)	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)$
三重 +1 稳定序数	$\psi(\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\gamma+1)) - \Pi_0) - \Pi_0) - \Pi_0)$
TSO	(0,0,0)(1,1,1)(2,2,1)-
(Triply +1 stable)	
	(3,3,1)(4,4,0)
DOR	$\leq \psi \left(\omega - \pi - \Pi_0 \right)$
(Degrees of Reflection)	$\leq \psi (\omega - \pi - \Pi_0)$ $\leq (0, 0, 0)(1, 1, 1)(2, 2, 2)$
(Taranovsky, 2015)	$\leq (0,0,0)(1,1,1)(2,2,2)$
IBMS 首次追平 BMS	$\psi\left(\omega-\pi-\Pi_{0}\right)$
1st time IBMs catches BMs	(0,0,0)(1,1,1)(2,2,2)
應大 Rathjen 序数	(0,0,0)(1,1,1)(2,2,2)
pLRO	$\psi\left(\omega-\pi-\Pi_{0} ight)$
(pseudo Large Rathjen's Ordinal)	(0,0,0)(1,1,1)(2,2,2)
弱提升型差序数函数	
weak DLON	$\psi \left(\omega -\pi -\Pi _{0}\right)$
(weak δ -Lifted δ ON)	$\psi(\omega - \kappa - \Pi_0)$ $(0,0,0)(1,1,1)(2,2,2)$
(Aarex)	(0, 0, 0)(1, 1, 1)(2, 2, 2)
提升型 M 记号	
LMN	$\psi \left(\omega -\pi -\Pi _{0}\right)$
(Lifting M-Notation)	(0,0,0)(1,1,1)(2,2,2)
(Test_alpha0, 2021)	(3, 3, 3)(1, 1, 1)(2, 2, 2)
提升型 ω 记号	
WMN	$\psi\left(\omega-\pi-\Pi_{0} ight)$
(Lifting ω -Notation)	(0,0,0)(1,1,1)(2,2,2)
Lumi 提升型双行序列系统	
Lumi's LPSS	$\psi\left(\omega-\pi-\Pi_{0} ight)$
(Lumi)	(0,0,0)(1,1,1)(2,2,2)
(2011)	

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提出者/提出时间)	
递增元序列[101-103]	
IUN	$\psi\left(\omega-\pi-\Pi_{0} ight)$
(Increase Unit Notation)	(0,0,0)(1,1,1)(2,2,2)
(318'4, 2023)	
急 Hydra 序列	$\psi\left(\omega-\pi-\Pi_{0} ight)$
Sudden Hydra	, (),
(Bashicu, 2018)	(0,0,0)(1,1,1)(2,2,2)
2-投影记号	т,
2-Projection	$\psi\left(\omega-\pi-\Pi_{0}\right)$
(Test_alpha0, 2020)	(0,0,0)(1,1,1)(2,2,2)
追平函数[140]	
Catching Function	$\psi\left(\omega-\pi-\Pi_{0} ight)$
(HypCos, 2014)	(0)(1,1,1)(2,2,2)
pfec Σ_1 分离	(0,0,0)(1,1,1)(2,2,2)-
pfec Σ_1 -Separation	(3,2,1)(4,3,2)
pfec Σ ₁ 稳定	(0, 2, 1)(1, 0, 2)
$\begin{array}{c} \text{pfec } \Sigma_1 \text{-} \text{Ns} \lambda \mathcal{L} \\ \text{pfec } \Sigma_1 \text{-} \text{ Stb} \end{array}$	$\psi\left((\omega+1)-\pi-(+1)-\Pi_0\right)$
(pfec Σ_1 - Stable)	(0,0,0)(1,1,1)(2,2,2)-
(76(Nonconvertible))	(3,2,2)(4,2,0)(3,0,0)
Rathjen 序数折叠函数 ^[141]	
	(0,0,0)(1,1,1)(2,2,2)-
Rathjen's OCF	(3,2,2)(4,2,0)(3,0,0)
(Rathjen, 1991)	
超级急序列	(0,0,0)(1,1,1)(2,2,2)-
Ultra SSS	(3,2,2)(4,2,0)(3,0,0)
(Ultra Sudden Sequence System)	
超强 Aarex 数阵 3+ ^[142]	W (0.0.0)(4.1.1)(2.2.2)
aSAN3+	约 $(0,0,0)(1,1,1)(2,2,2)$
(Aarex's Super Strong Array Notation)	(3,2,2)(4,2,2)(4,0,0)
(Aarex)	
方括号稳定	约 $(0,0,0)(1,1,1)(2,2,2)$
Bracket Stable	(3,2,2)(4,2,2)(4,2,0)(3,0,0)
(HypCos, 2014)	(5, 2, 2)(1, 2, 2)(1, 2, 0)(0, 0, 0)
提升型 K 记号	
LKN	(0,0,0)(1,1,1)(2,2,2)(3,3,0)
(Lifting K-Notation)	(0,0,0)(1,1,1)(2,2,2)(3,3,0)
(Test_alpha0, 2020)	

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初级下降算符下降数阵[128]	
m pDDN	(0,0,0)(1,1,1)(2,2,2)(2,2,0)
(primary Dropper Dropping Notation)	(0,0,0)(1,1,1)(2,2,2)(3,3,0)
(HypCos, 2017)	
3-投影记号	
3-Projection	(0,0,0)(1,1,1)(2,2,2)(3,3,3)
(Test_alpha0, 2020)	

B.8 Part VIII

记号名称 (中文名称/英文缩写/英文全称/ 提出者/提出时间)	极限
$\operatorname{PTO}\left((\Pi_2^1 - \operatorname{CA})_0\right)$	可能 ≤ (0,0,0,0)(1,1,1,1)
Σ_1 稳定 (至 $\omega.\pi$) Σ_1 stb. (up to $\omega.\pi$)	可能 ≤ (0,0,0,0)(1,1,1,1)
三行矩阵系统序数 TSSO (Trio Sequence System Ordinal)	(0,0,0,0)(1,1,1,1)
简单投影 Simple Projection (Test_alpha0, 2020)	(0,0,0,0)(1,1,1,1)
锁定 OCF Locked OCF (Bugit)	(0,0,0,0)(1,1,1,1)
三行矩阵系统 ^[115] TSS (Trio Sequence System) (Bashicu, 2014)	(0,0,0,0)(1,1,1,1)
嵌套函数 nestf (NEST-Function) (2020)	(0,0,0,0)(1,1,1,1)
超初等序列 ψ HPrSS ψ (Hyper Primaritive- Sequence System psi)	(0,0,0,0)(1,1,1,1)

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记号名称	LT7 1917
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提出者/提出时间)	可坐。(0.0.0.0)(1.1.1.1)
$\mathrm{PTO}\left(\Pi^{1}{}_{2}-\mathrm{CA}+\mathrm{BI}\right)$	可能 $\geq (0,0,0,0)(1,1,1,1)-$ (2,1,1,0)(3,2,2,0)
Σ_1 分离	可能 $\geq (0,0,0,0)(1,1,1,1)-$
Σ_1 separation	(2,1,1,0)(3,2,2,0)
大常规投影序数	(0,0,0,0)(1,1,1,1)
LSPO	(0,0,0,0)(1,1,1,1)-
(Large Simple Projection Ordinal)	(2,1,1,1)(3,1,0,0)(2,0,0,0)
弱 MCS 投影	(0,0,0,0)(1,1,1,1)
Weak MCS Projection	(0,0,0,0)(1,1,1,1)-
(Test_alpha0, 2021)	(2,1,1,1)(3,1,1,1)(4,0,0,0)
+n 超越序数	(0,0,0,0)(1,1,1,1)
+nTO	(0,0,0,0)(1,1,1,1)-
((+n)-Transcendental ordinal)	(2,2,1,1)(3,0,0,0)
小超投影记号	(0,0,0,0)(1,1,1,1)
SHPN	(0,0,0,0)(1,1,1,1)-
(Small Hyper Projection Notation)	(2,2,1,1)(3,0,0,0)
非递归 TON ^[143]	
Non-recursive TON	(0,0,0,0)(1,1,1,1)-
(Non-recursive	(2,2,1,1)(3,0,0,0)
Taranovsky's Ordinal Notation)	
Eveog 序数	
EGO	(0,0,0,0)(1,1,1,1)-
(Eveog's Ordinal)	(2,2,1,1)(3,0,0,0)
(Eveog, 2023)	
Aarex 强 exUNOCF	
Aarex's Strong exUNOCF	(0,0,0,0)(1,1,1,1)(2,2,2,0)
(Aarex)	
四行矩阵系统-	
首个返回齿轮序数	
Q1BGO	(0,0,0,0)(1,1,1,1)(2,2,2,0)
(Quadro Sequence System	
1st Back Gear Ordinal)	
Trange Ink 的 ExUNOCF	
Trange Ink's ExUNOCF	(0,0,0,0)(1,1,1,1)(2,2,2,1)
(Trangeg Ink, 2023)	
弱 α 序数记号	可外业
weak αON	可能为
(weak alhpa Ordinal Notation)	(0,0,0,0)(1,1,1,1)(2,2,2,1)-
(Bugit, 2023)	(2,1,1,1)(3,2,2,1)(3,0,0,0)

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(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
强提升型差序数函数[144]	-T4K.V.
Strong DLON	可能为
(Strong δ -Lifted δ ON)	(0,0,0,0)(1,1,1,1)-
(Aarex)	(2,2,2,1)(3,0,0,0)
大 Ω 返回序数	
вово	(0,0,0,0)(1,1,1,1)(2,2,2,2)
(Big Omega Back Ordinal)	
四行矩阵系统[115]	
QSS	(0,0,0,0,0)(1,1,1,1,1)
(Quadro Sequence System)	(0,0,0,0,0)(1,1,1,1,1)
(Bashicu, 2018)	
四行矩阵系统序数	
QSSO	(0,0,0,0,0)(1,1,1,1,1)
(Quadro Sequence System Ordinal)	
Σ_2 稳定	
Σ_2 Stablilty	$\geq (0,0,0,0,0)(1,1,1,1,1)$
(Yto, 2021)	
三重内涵公理序数	
TCAO	$\geq (0,0,0,0,0)(1,1,1,1,1)$
(Trio Comprehension Axiom Ordinal)	

B.9 Part IX

记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
理想 BMS ^[115]	
IBMS(BM3.3)	可处头 1/(1 9)
(Idealized Bashicu Martix System)	可能为 Y(1,3)
(Bashicu, 2017)	
小 Hydra 序数	
SHO	Y(1, 3)
(Small Hydra Ordinal)	
扩展 Hydra	V/1 2)
Ex-Hydra	Y(1,3)
(Extended Hydra)	(Gomen, 2021)

记号名称	₽ IZ I7Ħ
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间) 0-Y序列 ^[145]	
- / 4 / 4	37/1 0\
0 – Y Sequence	Y(1,3)
(Yukito, 2020)	
Bashicu 矩阵系统 ^[115]	Y(1,3)
BMS	(Bashicu, 2014)
(Bashicu Matrix System)	
Carne 矩阵系统	
CMS	Y(1,3)
(Carne Matrix System)	
(Test_alpha0)	
级层递增元序列 ^[101-103]	
HIUN	Y(1,3)
(Hierarchial Increase Unit Notation)	1(1,0)
(318'4, 2023)	
0-基本序数序列[146]	
0-FOS	Y(1, 3)
(0-Fundamental Ordinal Sequence)	
强 (n,0) 投影	Y(1,3)
Strong(n,0)-projection	1 (1, 3)
弱强 OCF	Y(1,3)
Weak Strong OCF	1(1,3)
急 BMS ^[147]	
BSM	可能为 Y(1,3)
(Bashicu Sudden Matrix)	HI HE/V I (1, 3)
(Bashicu, 2018)	
超 BMS ^[147]	
ВНМ	可能先 V/1 9\
(Bashicu Hyper Matrix)	可能为 Y(1,3)
(Bashicu, 2018)	
相似模式[148]	
PoR	> V/1 9\
(Patterns of Resemblance)	$\geq Y(1,3)$
(Clarson, 2001)	
Arai 序数折叠函数 ^[149]	$\geq Y(1,3)$
AOCF	
(Arai's Ordinal Collapsing Function)	
(Arai, 2023)	
	L

	1
记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
Σ_n 稳定	
Σ_n -Stb	$\geq Y(1,3)$
$(\Sigma_n \text{ Stability})$	
二阶宇宙序数	
$\beta \mathrm{O}$	$\geq Y(1,3)$
Beta Universe Ordinal	
$\mathrm{PTO}(\mathrm{Z}_2)$	$\geq Y(1,3)$
疯狂 Hydra	V(1 2 4)
CHN	Y(1,3,4)
(Crazy Hydra Notation)	(Gomen, 2021)
K 原始序列	
KPrSS	Y(1,3,4,2,5,8,10)
(摆烂的小猫, 2023)	
超限 BMS ^[150]	
TBMS	37/1 0 4 0 7 0 10)
(Transfinite Bashicu Matrix System)	Y(1,3,4,2,5,8,10)
(Bubby3)	
Ω 行矩阵系统序数	
$\Omega { m SSO}$	Y(1,3,4,2,5,8,10)
$(\Omega Sequence System Ordinal)$	
TBMS 首次追平 OCF	Y(1, 3, 4, 2, 5, 8, 10, -
1st time TBMS catches OCF	4, 9, 14, 17, 10)
不可数 TBMS	V(1 2 4 2 5 0 10 C)
Uncountable TBMS	Y(1,3,4,2,5,8,10,6)
无降格 Keidonxi 多项式序列 ^[151-152]	
KPnD	可处头
Keidonxi's Polynomial Sequence	可能为
with no debasing	Y(1,3,4,2,5,8,10,14)
(318'4, 2023)	
弱溅射 TBMS	可包料
Weak Splatium TBMS	可能为
(Bubby3)	Y(1,3,4,2,5,8,10,14)
Hassium TBMS [151-152]	
Hassium's TBMS	Y(1,3,4,2,5,8,11)
(Hassium, 2020)	
L	1

记号名称	les de
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
Keidonxi 对角化多项式序列	
KDP	
(Keidonxi's Diagonalized	Y(1,3,4,2,5,8,11)
Polynomial Sequence)	
(318'4, 2023)	
不可升级 TBMS	可能为
Upgradeless TBMS	Y(1, 3, 4, 2, 5, 9)
禁戒 Hydra 序数	
GHO	Y(1, 3, 4, 3)
No-go Hydra Ordinal	1(1, 3, 4, 3)
(Asheep, 2023)	
普通 Bubby3 TBMS ^[150]	
Bubby3 TBMS Normal	Y(1, 3, 4, 6)
(Bubby3, 2018)	
推广 Bubby3 TBMS ^[150]	
Bubby3 TBMS Extended	Y(1, 3, 5)
(Bubby3, 2018)	
循环不动点	
LFP	可处头 V(1 9 C)
(Loop Fixed Point)	可能为 Y(1,3,6)
(4574)	
无 (1,3,4,2,5,7,5) 升级的	
Y 序列首次追平 1-Y	可处头 双(1 9 7)
Y w/o(1,3,4,2,5,7,5)	可能为 Y(1,3,7)
upgrading catches 1-Y	
IY 首次追平 1-Y 追平强 Y	
1st time IY catches 1-Y	可能为 Y(1,3,8)
catches strong Y	
$\omega + 1$ 行 Y	V/1 2 0)
$\omega + 1 \text{ row Y}$	Y(1, 3, 9)
Discord 猜想的 fffz	V/1 2 0\
discord's sus fffz	Y(1, 3, 9)
虚拟 Hydra 函数	
VHF	可能头 37/1 4)
Virtual Hydra Function	可能为 Y(1,4)
(FataliS1024, 2023)	
VZ 序列	Z 37/1 \
VZ Sequence	$\leq Y(1,\omega)$
•	•

记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
Y 序列 ^[145]	
Y Sequence	$Y(1,\omega)$
(Yukito, 2020)	 -
小 Y 序列序数	
SYO	V(1)
(Small Y Sequence Ordinal)	$Y(1,\omega)$
(Yukito)	
强 Y 序列 ^[145]	> V(1)
Strong Magma Y Sequence	$\geq \mathrm{Y}(1,\omega)$
2 – Y 序列	
2 - Y Sequence	$\omega - Y(1,5)$
(Gomen, 2023)	
ω – Y 序列 ^[153]	
$\omega - Y$ Sequence	$\omega - \mathrm{Y}(1,\omega)$
(Yukito, 2020)	
多维 BMS	
DBMS	V(1)
(Dimensional Bashicu Martix System)	$\omega - Y(1,\omega)$
(2021)	
中等 Hydra 序数	
МНО	$\omega - Y(1,\omega)$
(Medium Hydra Ordinal)	
(FataliS1024, 2023)	

B.10 Part X

本部分记号尚未完善,排名不分先后。

记号名称 (中文名称/英文缩写/英文全称/ 提出者/提出时间)	极限
超限 DBMS	
TDBMS	理想极限
(Transfinty Dimensional	可能在此
Bashicu Matrix System)	刊配住此
(Y_cpper, 2023)	

記号名称		
Y矩阵 YMS 理想极限 (Yukito Matrix System) 可能在此 (ProjectCF, 2023) 理想极限 Crater BMS 矩阵 理想极限 (Crater Bashicu Matrix System) 理想极限 Yto Y - Y 序列 理想极限 Yto's Y - Y 理想极限 (Yto) 理想极限 山脉记号系列 MN (Mountain Notation) 可能在此 (HypCos, 2024) 理想极限 X - Y 序列 [154] X - Y Sequence (Gomen, 2023) 理想极限 变异矩阵系统 [155] 理想极限 MM3 理想极限 (Mutant Martix System) 理想极限 (HypCos, 2024) 理想极限 ① - Y 序列 理想极限 ① - Y sequence (未理想) 剩余 Y 序列 理想极限 RY (Remaining Y Sequence) (未理想) 理想极限 可能在此 可能在此 基本序数序列 [146,156-157] POS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) 供放限 伪伪伪 z (兼容系统) 理想极限 (Fake Fake Fake Zeta) <	(中文名称/英文缩写/英文全称/	极限
YMS	提出者/提出时间)	
(Yukito Matrix System) (ProjectCF, 2023) Crater BMS 矩阵 CTBMS (Crater Bashicu Matrix System) Yto Y - Y 序列 Yto's Y - Y (Yto) 山脉记号系列 MN (Mountain Notation) (HypCos, 2024) X - Y 序列 [154] X - Y Sequence (Gomen, 2023) 变异矩阵系统[155] MM3 (Mutant Martix System) (HypCos, 2024)	Y矩阵	
(ProjectCF, 2023)	YMS	理想极限
Track	(Yukito Matrix System)	可能在此
CTBMS	(ProjectCF, 2023)	
(Crater Bashicu Matrix System) Yto Y - Y 序列 Yto's Y - Y (Yto) 山脉记号系列 MN (Mountain Notation) (HypCos, 2024) X - Y 序列 [154] X - Y Sequence (Gomen, 2023) 変异矩阵系统[155] MM3 (Mutant Martix System) (HypCos, 2024)	Crater BMS 矩阵	平田 木目 木乃 戊巳
(Crater Bashicu Matrix System) Yto Y - Y 序列 Yto's Y - Y (Yto) 山脉记号系列 MN 理想极限 可能在此 (Mountain Notation) 可能在此 (HypCos, 2024) X - Y 序列 [154] X - Y Sequence (Gomen, 2023) 变异矩阵系统 [155] MM3 理想极限 可能在此 (HypCos, 2024) ② - Y 序列 理想极限 可能在此 (HypCos, 2024) 平想极限 可能在此 (未理想) 和余 Y 序列 理想极限 可能在此 (未理想) 基本序数序列 [146,156-157] FOS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) (非存系统) (非存系统	CTBMS	
Yto's Y - Y 理想极限 山脉记号系列 MN MN 理想极限 (Mountain Notation) 可能在此 (HypCos, 2024) 理想极限 X - Y 序列 ^[154] 理想极限 X - Y Sequence 可能在此 (Gomen, 2023) 理想极限 亦解3 理想极限 (Mutant Martix System) 可能在此 (HypCos, 2024) 理想极限 ① - Y 序列 理想极限 取今 Y 序列 理想极限 RY 理想极限 (未理想) 可能在此 (未理想) 理想极限 (318'4, 2024) (未理想) 伪伪伪 z (兼容系统) 理想极限 所述在此 可能在此	(Crater Bashicu Matrix System)	-1 BEJT-M
Yto's Y - Y 可能在此 山脉记号系列 MN MN 理想极限 (Mountain Notation) 可能在此 (HypCos, 2024) 理想极限 X - Y 序列 ^[154] 理想极限 X - Y Sequence 可能在此 (Gomen, 2023) 理想极限 可能在此 可能在此 (Mutant Martix System) 可能在此 (HypCos, 2024) 理想极限 ① - Y 序列 理想极限 ① - Y sequence (未理想) 解余 Y 序列 理想极限 取余 Y 序列 理想极限 可能在此 可能在此 (未理想) 理想极限 可能在此 可能在此 (表理想) 理想极限 (方S (Fundamental Ordinal Sequence) 可能在此 (318'4, 2024) (未理想) (大理想) 理想极限 (方能在此 可能在此	Yto Y – Y 序列	押相极限
(Yto) 山脉记号系列 MN (Mountain Notation) (HypCos, 2024) X - Y 序列 [154] X - Y Sequence (Gomen, 2023) 变异矩阵系统 [155] MM3 (Mutant Martix System) (HypCos, 2024) Ω - Y 序列 Ω - Y 序列 RY	Yto's Y - Y	
MN (Mountain Notation) (HypCos, 2024) X - Y 序列 [154] X - Y Sequence (Gomen, 2023) 变异矩阵系统 [155] MM3 (Mutant Martix System) (HypCos, 2024)	(Yto)	1.1 BOLTTO
(Mountain Notation) (HypCos, 2024) X - Y 序列 ^[154] X - Y Sequence (Gomen, 2023) 变异矩阵系统 ^[155] MM3 (Mutant Martix System) (HypCos, 2024) ① - Y 序列 ① - Y 序列 ② - Y 序列 RY (Remaining Y Sequence) (未理想) 基本序数序列 ^[146,156-157] FOS (Fundamental Ordinal Sequence) (318 [*] 4, 2024) (未理想) 伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 可能在此 理想极限 可能在此 可能在此 理想极限 可能在此 可能在此 可能在此	山脉记号系列	
(HypCos, 2024) X - Y 序列 ^[154] X - Y Sequence (Gomen, 2023) 变异矩阵系统 ^[155] MM3 (Mutant Martix System) (HypCos, 2024)	MN	理想极限
X - Y 序列	(Mountain Notation)	可能在此
X - Y Sequence (Gomen, 2023) 理想极限 可能在此 可能在此	(HypCos, 2024)	
X - Y Sequence (Gomen, 2023) 可能在此 变异矩阵系统 ^[155] MM3 理想极限 可能在此 (Mutant Martix System) (HypCos, 2024) 理想极限 可能在此 Ω - Y 序列 Ω - Y sequence (未理想) 理想极限 可能在此 和余 Y 序列 RY (Remaining Y Sequence) (未理想) 理想极限 可能在此 基本序数序列 ^[146,156-157] FOS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) 理想极限 可能在此 伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此	X-Y序列 ^[154]	T田 村田 太区 『日
(Gomen, 2023) 变异矩阵系统 ^[155]	X - Y Sequence	
MM3	(Gomen, 2023)	円 配工ル
(Mutant Martix System) (HypCos, 2024)	变异矩阵系统[155]	
(HypCos, 2024)	MM3	理想极限
Ω - Y 序列 理想极限可能在此 和余 Y 序列 理想极限可能在此 RY 理想极限可能在此 (Remaining Y Sequence) 可能在此 基本序数序列 [146,156-157] FOS (Fundamental Ordinal Sequence) 理想极限可能在此 (318'4, 2024) 可能在此 (未理想) 理想极限可能在此 伪伪伪 z (兼容系统) 理想极限可能在此 (Fake Fake Fake Zeta) 理想极限可能在此 (夏夜星空, 2024) 可能在此	(Mutant Martix System)	可能在此
ローソ sequence (未理想) 利余 Y 序列 RY (Remaining Y Sequence) (未理想) 基本序数序列 [146,156-157] FOS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) 伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此 理想极限 可能在此	(HypCos, 2024)	
Ω - Y sequence (未理想) 可能在此 剩余 Y 序列 RY (Remaining Y Sequence) (未理想) 理想极限 可能在此 基本序数序列 [146,156-157] FOS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) 理想极限 可能在此 伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此	Ω-Υ序列	エ田 4日 414 以日
(未理想)	$\Omega - Y$ sequence	
RY (Remaining Y Sequence) (未理想) 基本序数序列 ^[146,156-157] FOS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) 伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此 理想极限 可能在此	(未理想)	刊化红儿
(Remaining Y Sequence) (未理想) 基本序数序列 ^[146,156-157] FOS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) 伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 可能在此	剩余 Y 序列	
(未理想) 基本序数序列 ^[146,156-157] FOS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) 伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此 可能在此	RY	理想极限
基本序数序列 ^[146,156-157] FOS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) (为伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此 可能在此	(Remaining Y Sequence)	可能在此
FOS (Fundamental Ordinal Sequence) (318'4, 2024) (未理想) (为伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此	(未理想)	
(Fundamental Ordinal Sequence) (318'4, 2024) (未理想) (伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此	基本序数序列[146,156-157]	
(Fundamental Ordinal Sequence) (318'4, 2024) (未理想) (伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此	FOS	工田 井日 十五 7月
(318'4, 2024) (未理想) (未理想) (仿伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此	(Fundamental Ordinal Sequence)	
伪伪伪 z (兼容系统) fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此	(318'4, 2024)	り形仕比
fffz (Fake Fake Fake Zeta) (夏夜星空, 2024) 理想极限 可能在此	(未理想)	
理想极限 (Fake Fake Fake Zeta) (夏夜星空, 2024) 可能在此	伪伪伪 z (兼容系统)	
(Fake Fake Zeta) (夏夜星空, 2024) 可能在此	fffz	4田 4日 412 17日
(夏夜星空, 2024)	(Fake Fake Fake Zeta)	
(未理想)	(夏夜星空, 2024)	刊化生址
	(未理想)	

B.11 Part XI

记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
$PTO ((\Pi_1^2 - CA)_0)$	
$\mathrm{PTO}(\mathrm{Z}_3)$	
Loader 数 ^[158]	
Loader's Number	上界为 $\operatorname{PTO}(\mathrm{Z}_{\infty})$
(Loader, 2001)	
$\mathrm{PTO}(\mathrm{Z}_{\infty})$	
PTO(KP + P)	
PTO(ZFC)	
PTO(ZFC +n 不可达基数)	
PTO(ZFC+n-Inaccessible cardinal)	
$PTO(ZFC + \Sigma_{\omega} 反射)$	
$PTO(ZFC + \Sigma_{\omega} Reflecting)$	
PTO(ZFC + 强 x Mahlo 基数)	
PTO(ZFC + strongly x - Mahlo cardinal)	
有限承诺游戏[159]	上男头 PTO/ZEC L stress els-
(Finite polynomial copy/invert games,FPCI)	上界为 PTO(ZFC + strongly
(Friedman)	x -Mahlo cardinal)
PTO(ZFC +II ₂ - 不可描述基数)	
$PTO(ZFC + \Pi_2^1 - Indescribable)$	
PTO(ZFC + 完全不可描述基数)	
PTO(ZFC + Totally-Indescribable)	
Friedman 有限树函数 ^[160]	PTO(ZFC+n-
Friedman Finite Tree	上界为 subtle cardinal)
(Friedman)	(Friedman)
PTO(ZFC +n 微妙基数)	
PTO(ZFC + n - subtle cardinal)	
$PTO(ZFC + 0^{\sharp})$	
$PTO(ZFC + \omega_1 - Erd\ddot{o}s)$	
PTO(ZFC + SRP)	

记号名称	
(中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
贪心团序列[161]	
USGDCS	
(Upper Shift Greedy	PTO(ZFC+SRP)
Down Clique Sequence)	
(Friedman)	
PTO(ZFC + 可测基数)	
PTO(ZFC+Measurable cardinal)	
PTO(Z2 + PD)	
PTO(ZF + ADR)	
PTO(ZFC + 超强基数)	
PTO(ZFC + Superstrong cardinal)	
PTO(ZFC + 超紧基数)	
PTO(ZFC + Supercompact cardinal)	
PTO(ZFC + 巨大基数 +)	
PTO(ZFC + HUGE +)	
贪心团序列 2 ^[161]	
USGDCS2	上界为 PTO(ZFC + HUGE +)
(Upper Shift Greedy	1 10(ZrC + noge +)
Down Clique Sequence2)	
Laver Table [162]	上界为 PTO(ZFC+I3)
(Laver)	上がり F 10(ZFC+13)
PTO(ZFC + I3)	
PTO(ZFC + I2)	
PTO(ZFC + I1)	
Laver Table Yarn ^[163]	上界为 PTO(ZFC + I1)
(test_alpha0,2023)	
PTO(ZFC + I0)	
	

B.12 Part XII

记号名称 (中文名称/英文缩写/英文全称/	极限
提出者/提出时间)	
Church-Kleene 序数 ^[164]	
CKO	$\omega_1^{ ext{CK}}$
(Church-Kleene Ordinal)	W 1
忙碌海狸函数 ^[165]	
BB	
(Busy Beaver)	$\omega_1^{ ext{CK}}$
(Rado, 1962)	
调用次数	
ToC	GW, a
(Times of Calls)	$(\omega_1^{ ext{CK}})^2$
(74(Nonconvertable), 2023)	
n 阶忙碌海狸函数 ^[165]	
Level-n BB	OT.
(Level-n Busy Beaver)	$\omega_n^{ ext{CK}}$
(Kleene)	
三函数[166]	() CIV
Ξ Function	$\varphi(1,0)^{\mathrm{CK}}$
Aarex 函数 ^[167]	
Aarex's Function	$\varphi(1,0)^{\mathrm{CK}} + \psi(\Omega_{\omega}) \cdot \omega$
(Aarex)	
无限时间 Turing 机 ^[168]	
ITTM	,
(Infinite Time Turing Machine)	λ
(Hamkins, Lewis, 1998)	
Rayo 函数 ^[169]	
Rayo's Function	理想极限
(Rayo, 2007)	可能在此
(可能未理想)	
大数花园数[170]	
LNG	 理想极限
Large Number Garden Number	可能在此
(P 進大好き bot, 2019)	17. 用比红山
(可能未理想)	
Davinci 数 ^[171]	
Davinci103's Number	理想极限
(Davinci103, 2024)	可能在此
(可能未理想)	

附录 C 可数非递归序数表

本节内容引自[172]。本表更新至 2024 年。

C.1 反射序数

反射序数
$\omega_1^{ ext{CK}} = \Omega$
Ω_2
Ω_{ω}
$\Omega_{\omega+1}$
$\Omega_{\omega \cdot 2}$
$\Omega_{arepsilon_0}$
$\Omega_{ m Y(1,3)}$
Ω_{Ω}
Ω_{Ω_2}
Ω_{Ω_ω}
Ω_{Ω_Ω}
$\Phi(1,0) = \Omega_{\Omega}$
$\Phi(1,1)$
$\Phi(1,\omega)$
$\Phi(1,\Omega)$
$\Phi(1,\Phi(1,0))$
$\Phi(2,0)$
$\Phi(3,0)$

反射序数
$\Phi(\omega,0)$
$\Phi(\Omega,0)$
$\Phi(\Phi(1,0),0)$
$\Phi(1,0,0)$
$\Phi(1,0,1)$
$\Phi(1,1,0)$
$\Phi(2,0,0)$
$\Phi(1,0,0,0)$
$\Phi(1,0,0,0,0)$
$\Phi(1@\omega)$
$\Phi(1@\Omega)$
$\Phi(1@\Phi(1,0))$
$\Phi(1@(1,0))$
$\Phi(1@(1@(1,0)))$
I
Ω_{I+1}
$\Omega_{\Omega_{I+1}}$
$\Phi(1, I+1)$
$\Phi(1,0,I+1)$
$\Phi(1@(I+1))$
$\Phi(1@(1@(I+1)))$
I_2
Ω_{I_2+1}
$\Phi\left(1,I_{2}+1 ight)$
I_2
Ω_{I_2+1}
•

反射序数
$\Phi\left(1,I_{2}+1\right)$
I_3
I_4
I_{ω}
I_{Ω}
$I_{\Phi(1,0)}$
I_I
I_{I_2}
$I_{I_{\omega}}$
I_{I_I}
$I_{I_{I_I}}$
$I-\varphi(1,0)$
$I-\varphi(2,0)$
$I - \varphi(\omega, 0)$
$I-\varphi(1,0,0)$
$I - \varphi(1@\omega)$
$I - \varphi(1@(1,0))$
I(1,0)
$\Omega_{I(1,0)+1}$
$\Phi(1, I(1, 0) + 1)$
$I_{I(1,0)+1}$
$I - \varphi(1, I(1,0) + 1)$
$I - \varphi(1, 0, I(1, 0) + 1)$
$I - \varphi(1@(I(1,0)+1))$
I(1,1)
I(1,2)

反射序数
$I(1,\omega)$
$I(1,\Omega)$
I(1,I)
I(1, I(1, 0))
$I(1,0) - \varphi(1,0)$
$I(1,0) - \varphi(1,0,0)$
$I(1,0) - \varphi(1@\omega)$
$I(1,0) - \varphi(1@(1,0))$
I(2,0)
I(2,1)
I(3,0)
$I(\omega,0)$
$I(\Omega,0)$
I(I,0)
I(1,0,0)
I(1,0,0,0)
$I(1@\omega)$
$I(1@\Omega)$
I(1@I)
I(1@I(1,0))
I(1@(1,0))
M
Ω_{M+1}
I_{M+1}
I(1, M+1)
I(1@(M+1))
·

反射序数
I(1@(1@(M+1)))
M_2
M_3
M_{ω}
M_{Ω}
M_I
M_M
M_{M_M}
$M-\varphi(1,0)$
$M-\varphi(1,0,0)$
$M - \varphi(1@\omega)$
$M - \varphi(1@(1,0))$
M - I(1,0)
M - I(1, 0, 0)
$M - I(1@\omega)$
M - I(1@(1,0))
M(1,0)
$\Omega_{M(1,0)+1}$
$I_{M(1,0)+1}$
$M_{M(1,0)+1}$
$M - \varphi(1, M(1, 0) + 1)$
M - I(1, M(1, 0) + 1)
M(1,1)
M(1,2)
$M(1,\omega)$
M(1,M)

反射序数
$M(1,0) - \varphi(1,0)$
M(1,0) - I(1,0)
M(2,0)
M(2,1)
M(3,0)
$M(\omega,0)$
M(1,0,0)
M(1,0,0,0)
$M(1@\omega)$
M(1@M)
M(1@M(1,0))
M(1@(1,0))
M(1@(1@(1,0)))
N = (1 st) 2 - 2 - 2
$N_2 = 2 \text{ nd } 2 - 2 - 2$
1 - (2 - 2 - 2)
1-1-(2-2-2)
$(1-)^{(2)} \ 2-2-2$
$(1-)^{(2\ 1-2)}\ 2-2-2$
$(1-)^{(2-2)} \ 2-2-2$
$(1-)^{(2-2-2)} \ 2-2-2$
$(1-)^{1,0} 2-2-2$
$(1-)^{1,0,0} 2-2-2$
21-2-2-2
$(1-)^{1,0} 2 1 - 2 - 2 - 2$
21-(21-2-2-2)

反射序数
$(2\ 1-)^{\omega}\ 2-2-2$
$(2\ 1-)^{1,0}\ 2-2-2$
$2-2 \ 1-2-2-2$
$1 - (2 - 2 \ 1 - 2 - 2 - 2)$
$(1-)^{1,0} 1 - (2-21-2-2-2)$
$2 \ 1 - (2 - 2 \ 1 - 2 - 2 - 2)$
$(2\ 1-)^{1,0}\ 2-2\ 1-2-2-2$
2-2 1 $ (2-2$ 1 $-$ 2 $-$ 2 $-$ 2)
$(2-2 \ 1-)^{\omega} \ 2-2-2$
$(2-2 \ 1-)^{1,0} \ 2-2-2$
2-2-2 1 $-2-2-2$
$1 - (2 - 2 - 2 \ 1 - 2 - 2 - 2)$
$2 \ 1 - (2 - 2 - 2 \ 1 - 2 - 2 - 2)$
2-2 1 $-$ (2 $-$ 2 $-$ 2 1 $-$ 2 $-$ 2 $-$ 2)
2-2-2 1 $ (2-2-2$ 1 $ 2-2-2)$
$(2-2-2 \ 1-)^{\omega}$
$(2-2-2\ 1-)^{1,0}$
$2 - 2 - 2 - 2 = (2-)^4$
$(2-)^5$
$(2-)^6$
psd. $(2-)^{\omega}$
$(2-)^{\omega}$
$(2-)^{\omega+1}$
$(2-)^{(2)}$
$(2-)^{(2\ 1-2)}$
$(2-)^{(2-2)}$

反射序数
$(2-)^{(2-2-2)}$
$(2-)^{(2-)^{\omega}}$
$(2-)^{1,0}$
$(2-)^{1,0,0}$
$(2-)^{1@\omega}$
$(2-)^{1@(1,0)}$
$K = (1 \text{ st })\Pi_3 - \text{ reflection}$
K_2
K_3
$K_{\omega} = 1 - 3$
$(1-)^{1,0}$ 3
21-3
$2 - 2 \ 1 - 3$
$2-2-2\ 1-3$
$(2-)^{\omega} 1 - 3$
$(2-)^{1,0} \ 1-3$
31-3
2 1 - (3 1 - 3)
$2-2\ 1-(3\ 1-3)$
2-2-2 1 $-$ (3 1 $-$ 3)
$(2-)^{\omega} \ 1 - (3 \ 1 - 3)$
$(2-)^{1,0} \ 1 - (3 \ 1 - 3)$
3 1 - (3 1 - 3)
$(3\ 1-)^3$
$(3 \ 1-)^{\omega}$
$(3\ 1-)^{1,0}$

反射序数
$(3 \ 1-)^{1@\omega}$
$(3 \ 1-)^{1@(1,0)}$
2 - 3
21-2-3
$2-2\ 1-2-3$
$(2-)^{\omega} \ 1-2-3$
$(2-)^{1,0} \ 1-2-3$
31-2-3
$(3\ 1-)^2\ 2-3$
$(3\ 1-)^3\ 2-3$
$(3\ 1-)^{\omega}\ 2-3$
$(3\ 1-)^{1,0}\ 2-3$
$(2-3) \ 1-2-3$
$2 \ 1 - ((2 - 3) \ 1 - 2 - 3)$
$3 \ 1 - ((2 - 3) \ 1 - 2 - 3)$
$3 \ 1 - (3 \ 1 - ((2 - 3) \ 1 - 2 - 3))$
$(3 \ 1-)^{\omega}((2-3) \ 1-2-3)$
$(3\ 1-)^{1,0}((2-3)\ 1-2-3)$
$(2-3\ 1-)^3$
$(2-3\ 1-)^4$
$(2-3\ 1-)^{\omega}$
$(2-3\ 1-)^{1,0}$
2 - 2 - 3
21-2-2-3
31-2-2-3
$(2-3) \ 1-2-2-3$

反射序数
(2-2-3) 1 - 2 - 2 - 3
$(2-2-3 \ 1-)^{\omega}$
$(2-2-3\ 1-)^{1,0}$
2 - 2 - 2 - 3
$(2-)^4 3$
$(2-)^{\omega} 3$
$(2-)^{1,0}$ 3
3 2 – 3
$2\ 1-(3\ 2-3)$
$3\ 1-(3\ 2-3)$
$(2-3) \ 1 - (3 \ 2 - 3)$
$(2-2-3) \ 1 - (3 \ 2-3)$
$((2-)^{\omega} \ 3) \ 1 - (3 \ 2 - 3)$
$((2-)^{1,0} 3) 1 - (32-3)$
$(3\ 2-3)\ 1-(3\ 2-3)$
$(3\ 2-3\ 1-)^3$
$(3\ 2-3\ 1-)^{\omega}$
$(3\ 2-3\ 1-)^{1,0}$
$2 - (3 \ 2 - 3)$
$(2 - (3 \ 2 - 3) \ 1 -)^2$
$(2 - (3 \ 2 - 3) \ 1 -)^3$
$(2-(3\ 2-3)\ 1-)^{\omega}$
$(2 - (3 \ 2 - 3) \ 1 -)^{1,0}$
$2-2-(3\ 2-3)$
$2-2-2-(3\ 2-3)$
$(2-)^{\omega} (3 \ 2-3)$

反射序数
$(2-)^{1,0} (3 2 - 3)$
$3\ 2-(3\ 2-3)$
$(3\ 2-)^3$
$(3\ 2-)^4$
$(3\ 2-)^{\omega}$
$(3\ 2-)^{1,0}$
3 - 3
21 - 3 - 3
31-3-3
$2 - 3 \ 1 - 3 - 3$
$(3\ 2-3)\ 1-3-3$
$((32-)^{\omega}) \ 1-3-3$
$((32-)^{1,0}) \ 1-3-3$
$3 - 3 \ 1 - 3 - 3$
$(3-3\ 1-)^3$
$(3-3\ 1-)^{\omega}$
$(3-3\ 1-)^{1,0}$
2 - 3 - 3
2 - 2 - 3 - 3
$(2-)^{\omega} 3 - 3$
$(2-)^{1,0} 3-3$
3 2 - 3 - 3
$(3\ 2-)^2\ 3-3$
$(3\ 2-)^{\omega}\ 3-3$
$(3\ 2-)^{1,0}\ 3-3$
$3 - 3 \ 2 - 3 - 3$

反射序数
$(3-3\ 2-)^3$
$(3-3\ 2-)^{\omega}$
$(3-3\ 2-)^{1,0}$
3 - 3 - 3
3 - 3 - 3 - 3
$(3-)^5$
$(3-)^{\omega}$
$(3-)^{1,0}$
$(3-)^{1@\omega}$
$(3-)^{1@(1,0)}$
$(3-)^{1@(1@(1,0))}$
$\kappa = \Pi_4$ - reflection
Π_5
Π_6

C.2 p.f.e.c. Σ_1 稳定序数

p.f.e.c. Σ_1 稳定序数
psd. $\Pi_{\omega} = \lambda \alpha . (\alpha + 1) - \Pi_0$
$\Pi_{\omega} = \lambda \alpha.(\alpha + 1) - \Pi_1$
$\Pi_{\omega+1_{\mathrm{Ideedlized}}} = \lambda \alpha.(\alpha+1) - \Pi_2$
$\Pi_{\omega \cdot 2} = \lambda \alpha \cdot (\alpha + 2) - \Pi_1$
$\Pi_{\omega^2} = \lambda \alpha . (\alpha + \omega) - \Pi_1$
$\Pi_{\Omega} = \lambda \alpha . (\alpha + \Omega) - \Pi_{1}$
$\Pi_I = \lambda \alpha . (\alpha + I) - \Pi_1$
$\Pi_M = \lambda \alpha . (\alpha + M) - \Pi_1$
$\Pi_K = \lambda \alpha . (\alpha + K) - \Pi_1$

p.f.e.c. Σ_1 稳定序数
$\Pi_{\Pi_{\omega}} = \lambda \alpha. (\alpha + \Pi_{\omega}) - \Pi_{1} = \lambda \alpha. (\alpha + \lambda \alpha. (\alpha + 1) - \Pi_{1}) - \Pi_{1}$
$\Pi_{1,0} = \lambda \alpha . (\alpha \cdot 2) - \Pi_1$
$\lambda \alpha.(\alpha \cdot 3) - \Pi_1$
$\lambda lpha.(lpha \cdot \omega) - \Pi_1$
$\lambda \alpha.(\alpha \cdot \Omega) - \Pi_1$
$\lambda \alpha. (\alpha \cdot \lambda \alpha. (\alpha + 1) - \Pi_1) - \Pi_1$
$\lambda \alpha. \left(lpha^2 ight) - \Pi_1$
$\lambda \alpha. (\alpha^3) - \Pi_1$
$\lambda \alpha. \left(lpha^{\omega} ight) - \Pi_1$
$\lambda \alpha. (\alpha^{\alpha}) - \Pi_1$
$\lambda \alpha. \left(\alpha^{\alpha^{\alpha}} \right) - \Pi_1$
$\lambda \alpha. \left(arepsilon_{lpha+1} ight) - \Pi_1$
$\lambda \alpha. \left(\zeta_{\alpha+1} ight) - \Pi_1$
$\lambda \alpha.(\varphi(\omega,\alpha+1)) - \Pi_1$
$\lambda \alpha.(\mathrm{BHO}[\alpha+1]) - \Pi_1$
$\lambda \alpha.(\mathrm{BO}[\alpha+1]) - \Pi_1$
$\lambda \alpha.(\mathrm{SHO}[\alpha+1]) - \Pi_1$
$\lambda \alpha.(\text{PTO}(\text{ZFC})[\alpha+1]) - \Pi_1$
$\lambda \alpha. (\Omega_{\alpha+1}) - \Pi_1 = \text{Non - Gandy}$
$\lambda \alpha. (\Omega_{\alpha+1}+1) - \Pi_1$
$\lambda \alpha. (\Omega_{\alpha+1} + \alpha) - \Pi_1$
$\lambda \alpha. (\Omega_{\alpha+1} \cdot 2) - \Pi_1$
$\lambda \alpha. \left(\Omega_{\alpha+1} \cdot \omega\right) - \Pi_1$
$\lambda \alpha \cdot (\Omega_{\alpha+1} \cdot \alpha) - \Pi_1$
$\lambda \alpha. \left(\Omega_{\alpha+1}^2\right) - \Pi_1$
$\lambda \alpha. \left(\Omega_{\alpha+1}^{\omega}\right) - \Pi_1$

p.f.e.c. Σ ₁ 稳定序数
$\lambda \alpha. \left(\Omega_{\alpha+1}^{\Omega_{\alpha+1}}\right) - \Pi_1$
$\lambda \alpha. \left(\varepsilon_{\Omega_{\alpha+1}+1} \right) - \Pi_1$
$\lambda \alpha. \left(\zeta_{\Omega_{\alpha+1}+1} \right) - \Pi_1$
$\lambda \alpha. (\Omega_{\alpha+2}) - \Pi_1$
$\lambda \alpha. (\Omega_{\alpha+3}) - \Pi_1$
$\lambda \alpha. \left(\Omega_{\alpha+\omega}\right) - \Pi_1$
$\lambda \alpha. (\Omega_{\alpha \cdot 2}) - \Pi_1$
$\lambda \alpha. (\Omega_{\alpha^2}) - \Pi_1$
$\lambda \alpha. (\Omega_{\alpha^{\alpha}}) - \Pi_1$
$\lambda \alpha. \left(\Omega_{\varepsilon_{\alpha+1}}\right) - \Pi_1$
$\lambda \alpha. \left(\Omega_{\Omega_{\alpha+1}}\right) - \Pi_1$
$\lambda \alpha. \left(\Omega_{\Omega_{\Omega_{\alpha+1}}}\right) - \Pi_1$
$\lambda \alpha.(\Phi(1,\alpha+1)) - \Pi_1$
$\lambda \alpha.(\Phi(1,0,\alpha+1)) - \Pi_1$
$\lambda \alpha. (\Phi(1@(\alpha+1))) - \Pi_1$
$\lambda \alpha. (I_{\alpha+1}) - \Pi_1$
$\lambda \alpha. \left(M_{\alpha+1} \right) - \Pi_1$
$\lambda \alpha. (K_{\alpha+1}) - \Pi_1$
$\lambda \alpha. (\Pi_{\omega}[\alpha+1]) - \Pi_1 = \lambda \alpha. (\lambda \beta. (\beta+1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 1) - \Pi_1 + \alpha) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 1) - \Pi_1 + \Omega_{\alpha+1}) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 1) - \Pi_1 + K_{\alpha+1}) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 1) - \Pi_1 \cdot 2) - \Pi_1$
$\lambda \alpha \cdot \left((\lambda \beta \cdot (\beta + 1) - \Pi_1)^2 \right) - \Pi_1$
$\lambda \alpha. \left((\lambda \beta. (\beta + 1) - \Pi_1)^{\lambda \beta. (\beta + 1) - \Pi_1} \right) - \Pi_1$
$\lambda \alpha. \left(\varepsilon_{\lambda \beta. (\beta+1) - \Pi_1 + 1} \right) - \Pi_1$

p.f.e.c. Σ ₁ 稳定序数
$\lambda \alpha. \left(\Omega_{\lambda \beta. (\beta+1) - \Pi_1 + 1}\right) - \Pi_1$
$\lambda \alpha . \left(K_{\lambda \beta . (\beta+1) - \Pi_1 + 1} \right) - \Pi_1$
$\lambda \alpha. \left(2 \operatorname{nd} \lambda \beta. (\beta + 1) - \Pi_1\right) - \Pi_1$
$\lambda \alpha. \left(3 \operatorname{rd} \lambda \beta. (\beta + 1) - \Pi_1 \right) - \Pi_1$
$\lambda \alpha. (1 - \lambda \beta. (\beta + 1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (2 - \lambda \beta. (\beta + 1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\omega - \lambda \beta. (\beta + 1) - \Pi_1) - \Pi_1$
$\lambda \alpha \cdot \left(\left(\lambda \beta \cdot (\beta + 1) - \Pi_1 - \right)^3 \right) - \Pi_1$
$\lambda \alpha. \left(\left(\lambda \beta. (\beta + 1) - \Pi_1 - \right)^{\omega} \right) - \Pi_1$
$\lambda \alpha. \left((\lambda \beta. (\beta + 1) - \Pi_1 -)^{1,0} \right) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 2) - \Pi_0) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 2) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 2) - \Pi_2) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 3) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + \omega) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + \lambda \alpha. (\lambda \beta. (\beta + 1) - \Pi_1) - \Pi_1) - \Pi_1) - \Pi_1)$
$\lambda \alpha. (\lambda \beta. (\beta + \alpha) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + \Omega_{\alpha+1}) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + K_{\alpha+1}) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + \lambda \beta. (\beta + 1) - \Pi_1) - \Pi_1) - \Pi_1$
$\lambda lpha.\left(\lambda eta.(eta \cdot 2) - \Pi_1 ight) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta \cdot \omega) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta \cdot \alpha) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta^2) - \Pi_1) - \Pi_1$
$\lambda \alpha. \left(\lambda \beta. \left(\beta^{\beta}\right) - \Pi_{1}\right) - \Pi_{1}$
$\lambda \alpha. \left(\lambda \beta. \left(\varepsilon_{\beta+1}\right) - \Pi_1\right) - \Pi_1$

p.f.e.c. Σ ₁ 稳定序数
$\lambda \alpha. (\lambda \beta. (\Omega_{\beta+1}) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (K_{\beta+1}) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\lambda \gamma. (\gamma + 1) - \Pi_1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\lambda \gamma. (\lambda \delta. (\delta + 1) - \Pi_1) - \Pi_1) - \Pi_1) - \Pi_1)$
$\omega - \pi - \Pi_0 = \lambda \alpha. (\omega - \pi - \Pi_0) - \Pi_0$
$2 - \lambda \alpha. \left(\omega - \pi - \Pi_0\right) - \Pi_0$
$\omega - \lambda \alpha. (\omega - \pi - \Pi_0) - \Pi_0$
$\lambda \alpha.(\alpha+1) - \Pi_0 - (\lambda \alpha.(\omega - \pi - \Pi_0) - \Pi_0)$
$\lambda \alpha. (\omega - \pi - \Pi_0) - \Pi_0 - (\lambda \alpha. (\omega - \pi - \Pi_0) - \Pi_0)$
$\left(\lambda\alpha.\left(\omega-\pi-\Pi_0\right)-\Pi_0-\right)^3$
$(\lambda \alpha. (\omega - \pi - \Pi_0) - \Pi_0 -)^{\omega}$
$(\lambda \alpha. (\omega - \pi - \Pi_0) - \Pi_0 -)^{\alpha}$
$(\lambda \alpha. (\omega - \pi - \Pi_0) - \Pi_0 -)^{\Omega_{\alpha+1}}$
$\lambda \alpha. (\omega - \pi - \Pi_0) - \Pi_1$
$\lambda \alpha. (\omega - \pi - \Pi_0) - \Pi_2$
$\lambda \alpha. \left(\omega - \pi - \Pi_0 + 1\right) - \Pi_1$
$\lambda \alpha. (\omega - \pi - \Pi_0 + \alpha) - \Pi_1 = \lambda \alpha. (\lambda \beta. (\omega - \pi - \Pi_0) - \Pi_0 + \alpha) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\omega - \pi - \Pi_0) - \Pi_0 + \Omega_{\alpha+1}) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\omega - \pi - \Pi_0) - \Pi_0 \cdot 2) - \Pi_1$
$\lambda \alpha. \left(2 \operatorname{nd} \lambda \beta. \left(\omega - \pi - \Pi_0 \right) - \Pi_0 \right) - \Pi_1$
$\lambda \alpha. (1 - \lambda \beta. (\omega - \pi - \Pi_0) - \Pi_0) - \Pi_1$
$\lambda \alpha. (\omega - \lambda \beta. (\omega - \pi - \Pi_0) - \Pi_0) - \Pi_1$
$\lambda \alpha . \left(\left(\lambda \beta . \left(\omega - \pi - \Pi_0 \right) - \Pi_0 - \right)^2 \right) - \Pi_1$
$\lambda \alpha \cdot \left((\lambda \beta \cdot (\omega - \pi - \Pi_0) - \Pi_0 -)^3 \right) - \Pi_1$
$\lambda \alpha. \left((\lambda \beta. (\omega - \pi - \Pi_0) - \Pi_0 -)^{\omega} \right) - \Pi_1$
$\lambda \alpha. \left((\lambda \beta. (\omega - \pi - \Pi_0) - \Pi_0 -)^{\alpha} \right) - \Pi_1$

p.f.e.c.
$$\Sigma_1$$
 稳定序数
$$\lambda\alpha.\left((\lambda\beta.(\omega-\pi-\Pi_0)-\Pi_0-)^{\Omega_0+1}\right)-\Pi_1$$

$$\lambda\alpha.\left((\lambda\beta.(\omega-\pi-\Pi_0)-\Pi_0-)^{\lambda\beta.(\omega-\pi-\Pi_0)-\Pi_0[\alpha+1]}\right)-\Pi_1$$

$$\lambda\alpha.\left((\lambda\beta.(\omega-\pi-\Pi_0)-\Pi_0-)^{\beta}\right)-\Pi_1$$

$$\lambda\alpha.\left((\lambda\beta.(\omega-\pi-\Pi_0)-\Pi_0-)^{\Omega_{\beta+1}}\right)-\Pi_1$$

$$\lambda\alpha.\left((\lambda\beta.(\omega-\pi-\Pi_0)-\Pi_0)-\Pi_1\right)-\Pi_1$$

$$\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0)-\Pi_1)-\Pi_1)-\Pi_1$$

$$\lambda\alpha.(\lambda\beta.(\lambda\gamma.(\omega-\pi-\Pi_0)-\Pi_1)-\Pi_1)-\Pi_1$$

$$\omega-\pi-\Pi_0 \text{ onto }\omega-\pi-\Pi_0$$

$$\lambda\alpha.(\omega-\pi-\Pi_0 \text{ onto }\omega-\pi-\Pi_0)-\Pi_1$$

$$\lambda\alpha.(\omega-\pi-\Pi_0 \text{ onto }\omega)-\Pi_1$$

$$\lambda\alpha.(\omega-\pi-\Pi_0 \text{ onto }\alpha)-\Pi_1$$

$$\lambda\alpha.(\omega-\pi-\Pi_0 \text{ onto }\alpha)-\Pi_1$$

$$\lambda\alpha.(\omega-\pi-\Pi_0 \text{ onto }\alpha)-\Pi_1$$

$$\lambda\alpha.(\omega-\pi-\Pi_0 \text{ onto }\alpha)-\Pi_1$$

$$\alpha.(\omega-\pi-\Pi_0 \text{ onto }\alpha)-\Pi_1$$

$$\alpha.(\omega-\pi-\Pi_0 \text{ onto }\alpha)-\Pi_1$$

$$\alpha.(\omega-\pi-\Pi_0 \text{ onto }\alpha)-\Pi_1$$

$$\alpha.(\omega-\pi-\Pi_0 \text{ onto }\alpha)-\Pi_1$$

$$\omega-\pi-\Pi_1$$

$$\omega-\pi-\Pi_0 \text{ onto }\alpha\omega-\pi-\Pi_1$$

$$\omega-\pi-\Pi_1\omega-\pi-\Pi_0 \text{ onto }\alpha\omega-\pi-\Pi_1$$

$$(\omega-\pi-\Pi_1\omega-\pi-\Pi_0 \text{ onto }\alpha\omega-\pi-\Pi_1$$

$$(\omega-\pi-\Pi_1\omega-\pi-\Pi_0 \text{ onto }\alpha\omega-\pi-\Pi_1$$

$$\omega-\pi-\Pi_1 \text{ onto }\alpha\omega-\pi-\Pi_1$$

p.f.e.c. Σ_1 稳定序数
$\omega - \pi - \Pi_1$ onto $^\omega$
$\omega - \pi - \Pi_1$ onto $\alpha(\omega)$
$\omega-\pi-\Pi_2$
$\omega-\pi-\Pi_3$
$(\omega + 1) - \pi - (+1) - \Pi_0$
$\omega - \pi - \Pi_0$ onto $(\omega + 1) - \pi - (+1) - \Pi_0$
$\omega - \pi - \Pi_1$ onto $(\omega + 1) - \pi - (+1) - \Pi_0$
$(\omega + 1) - \pi - (+1) - \Pi_0 \text{ onto }^2$
$(\omega+1)-\pi-(+1)-\Pi_0$ onto ω
$(\omega+1)-\pi-(+1)-\Pi_0$ onto $\alpha(\omega)$
$(\omega + 1) - \pi - (+1) - \Pi_1$
$(\omega + 1) - \pi - (+1) - \Pi_2$
$(\omega+1) - \pi - (+2) - \Pi_0$
$(\omega+1)-\pi-(+2)-\Pi_1$
$(\omega+1)-\pi-(+\omega)-\Pi_1$
$(\omega+1)-\pi-(+\alpha)-\Pi_1$
$(\omega+1)-\pi-(+\beta)-\Pi_1$
$(\omega+1)-\pi-(\cdot 2)-\Pi_1$
$(\omega+1)-\pi-(\cdot3)-\Pi_1$
$(\omega+1)-\pi-\left(\Omega_{lpha(\omega)+1} ight)-\Pi_1$
$(\omega+2)-\pi-(+1)-\Pi_1$
$(\omega+3) - \pi - (+1) - \Pi_1$
$(\omega \cdot 2) - \pi - \Pi_1$
$\omega^2 - \pi - \Pi_1$
$\omega^{\omega}-\pi-\Pi_1$
$\Omega - \pi - \Pi_1$

p.f.e.c. Σ_1 稳定序数
$(\lambda \alpha.(\alpha+1) - \Pi_1) - \pi - \Pi_1$
$(\lambda \alpha. (\lambda \beta. (\beta + 1) - \Pi_1) - \pi - \Pi_1) - \pi - \Pi_1$
$\alpha - \pi - \Pi_1$
$\alpha \cdot 2 - \pi - \Pi_1$
$\alpha^2 - \pi - \Pi_1$
$\Omega_{\alpha+1} - \pi - \Pi_1$
$(\lambda \beta.(\beta+1) - \Pi_1[\alpha+1]) - \pi - \Pi_1$
$(\lambda \beta. (\omega - \pi - \Pi_1) - \Pi_1[\alpha + 1]) - \pi - \Pi_1$
$(\lambda\beta.(\alpha-\pi-\Pi_1)-\Pi_1[\alpha+1])-\pi-\Pi_1$
$(\lambda \gamma. (\alpha - \pi - \Pi_1) - \Pi_1[\alpha + 1]) - \Pi_1[\alpha + 1]) - \pi - \Pi_1$
$\beta-\pi-\Pi_1$
$\gamma-\pi-\Pi_1$
$lpha(\omega) - \pi - \Pi_1$
$\alpha(\Omega) - \pi - \Pi_1$
$\alpha \left(\lambda \alpha . \left(\omega - \pi - \Pi_1\right) - \Pi_1\right) - \pi - \Pi_1$
$\alpha \left(\lambda \alpha. \left(\alpha - \pi - \Pi_1\right) - \Pi_1\right) - \pi - \Pi_1$
$\alpha \left(\lambda \alpha. \left(\alpha \left(\lambda \alpha. \left(\alpha - \pi - \Pi_1\right) - \Pi_1\right) - \pi - \Pi_1\right) - \pi - \Pi_1\right)$
$\alpha(\alpha(0)) - \pi - \Pi_1$
$\alpha(\alpha(0)+1)-\pi-\Pi_1$
$\alpha \left(\Omega_{\alpha(0)+1}\right) - \pi - \Pi_1$
$\alpha \left(\lambda \beta. \left(\alpha(\alpha(0)) - \pi - \Pi_1\right) \left[\alpha(0) + 1\right]\right) - \pi - \Pi_1$
$\alpha(\alpha(1)) - \pi - \Pi_1$
$\alpha(\alpha(2)) - \pi - \Pi_1$
$\alpha(\alpha(\omega)) - \pi - \Pi_1$
$\alpha(\alpha(\alpha(0))) - \pi - \Pi_1$
$\alpha(1,0)$

p.f.e.c. Σ ₁ 稳定序数
$\alpha(1,1)$
$lpha(1,\omega)$
lpha(1,lpha)
lpha(1,eta)
$\alpha(1, \alpha(\omega))$
$\alpha(1,\alpha(1,0))$
$\alpha(2,0)$
$lpha(\omega,0)$
$\alpha(1,0,0)$
$\alpha(1,0,0,0)$
$lpha(1@\omega)$
$\alpha(1@(1,0))$
$\alpha(1@(1@(1,0)))$

C.3 方括号稳定

方括号稳定
$\lambda \alpha. (\Pi_3[2]) - \Pi_{1[1-\text{-stable}}$
$\lambda \alpha. (\Pi_3[2]\Pi_0 \text{ onto } \Pi_3[2]) - \Pi_1$
$\lambda \alpha. \left(\left(\Pi_3[2] \Pi_0 \text{ onto } \right)^2 \Pi_3[2] \right) - \Pi_1$
$\lambda \alpha. \left((\Pi_3[2]\Pi_0 \text{ onto })^{\omega} \Pi_3[2] \right) - \Pi_1$
$\lambda \alpha. \left((\Pi_3[2]\Pi_0 \text{ onto })^{\alpha} \Pi_3[2] \right) - \Pi_1$
$\lambda \alpha. \left((\Pi_3[2]\Pi_0 \text{ onto })^{\alpha(1,0)} \Pi_3[2] \right) - \Pi_1$
$\lambda \alpha. (\Pi_3[2]\Pi_2 \text{ onto } \Pi_3[2]) - \Pi_1$
$\lambda \alpha. (\Pi_3[2]\Pi_3 \text{ onto } \Pi_3[2]) - \Pi_1$
$\lambda \alpha. \left(\Pi_3[2]\Pi_4 \right) - \Pi_1$
$\lambda \alpha. \left(\Pi_3[2]\Pi_5\right) - \Pi_1$

方括号稳定
$\lambda \alpha. (\Pi_3[2]\lambda \beta. (\beta+1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[2]\lambda \beta. (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[2]\lambda \beta. (\Pi_3[2]) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[2]\lambda \beta. (\Pi_3[2]\lambda \gamma. (\Pi_3[2]) - \Pi_1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_{0-3}[2]) - \Pi_1$
$\lambda \alpha. (\Pi_{0^{-2}3}[2]) - \Pi_1$
$\lambda \alpha. \left(\Pi_{0-w_3}[2] \right) - \Pi_1$
$\lambda \alpha. \left(\Pi_{0-\alpha 3}[2] \right) - \Pi_1$
$\lambda \alpha. (\Pi_3 0 - 3[2]) - \Pi_1$
$\lambda \alpha. \left(\Pi_{3 \ 0-(3 \ 0-3)}[2] \right) - \Pi_{1}$
$\lambda \alpha. (\Pi_{3-3}[2]) - \Pi_1$
$\lambda \alpha. (\Pi_{3-3-3}[2]) - \Pi_1$
$\lambda \alpha. (\Pi_{3-\omega}[2]) - \Pi_1$
$\lambda \alpha. (\Pi_{3-\alpha}[2]) - \Pi_1$
$\lambda \alpha. (\Pi_4[2]) - \Pi_1$
$\lambda lpha.\left(\Pi_{5}[2]\right)-\Pi_{1}$
$\lambda \alpha. (\Pi_{\omega}[2]) - \Pi_0 = \lambda \alpha. (\lambda \beta. (\beta + 1) - \Pi_0[2]) - \Pi_0$
$\lambda \alpha. (\lambda \beta. (\omega - \pi - \Pi_0) - \Pi_0[2]) - \Pi_0$
$\lambda \alpha. (\lambda \beta. (\lambda \gamma. (\omega - \pi - \Pi_0) - \Pi_0[2]) - \Pi_0[2]) - \Pi_0$
$\omega - \pi - [2] - \Pi_0$
$\omega-\pi-[2]-\Pi_1$
$\omega-\pi-[2]-\Pi_2$
$(\omega+1)-\pi-(+1)-[2]-\Pi_1$
$\Omega - \pi - [2] - \Pi_1$
$(\lambda \alpha. (\omega - \pi - \Pi_1) - \Pi_1) - \pi - [2] - \Pi_1$
$(\lambda \alpha. (\Pi_3[2]) - \Pi_1) - \pi - [2] - \Pi_1$

方括号稳定
$(\lambda \alpha. (\omega - \pi - [2] - \Pi_1) - \Pi_1) - \pi - [2] - \Pi_1$
$\alpha - \pi - [2] - \Pi_1$
$\alpha(\omega) - \pi - [2] - \Pi_1$
$\alpha(\alpha(0)) - \pi - [2] - \Pi_1$
$\alpha(1,0) - \pi - [2] - \Pi_1$
$\alpha(1,0,0) - \pi - [2] - \Pi_1$
$\alpha(1@\omega) - \pi - [2] - \Pi_1$
$\alpha(1@(1,0)) - \pi - [2] - \Pi_1$
$\alpha(1@(1@(1,0))) - \pi - [2] - \Pi_1$
$\lambda \alpha. (\Pi_3[3]) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\Pi_0 \text{ onto } \Pi_3[3]) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\Pi_2 \text{ onto } \Pi_3[3]) - \Pi_1$
$\lambda \alpha. \left(\Pi_3[3]\Pi_4 \right) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\lambda \beta. (\beta+1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\lambda \beta. (\omega - \pi - \Pi_1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\lambda \beta. (\Pi_3[2]) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\lambda \beta. (\omega - \pi - [2] - \Pi_1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\lambda \beta. (\Pi_3[3]) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\lambda \beta. (\Pi_3[3]\lambda \gamma. (\Pi_3[3]) - \Pi_1) - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\Pi_0[2] \text{ onto } \Pi_3[3]) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\Pi_3[2] \text{ onto } \Pi_3[3]) - \Pi_1$
$\lambda \alpha. \left(\Pi_3[3]\Pi_4[2]\right) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\lambda \beta. (\beta+1) - \Pi_1[2]) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\omega - \pi - [2] - \Pi_1) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\lambda \beta. (\Pi_3[3]) - \Pi_1[2]) - \Pi_1$
$\lambda \alpha. (\Pi_3[3]\lambda \beta. (\Pi_3[3]\lambda \gamma. (\Pi_3[3]) - \Pi_1[2]) - \Pi_1[2]) - \Pi_1$

方括号稳定
$\lambda\alpha.\left(\Pi_{0-3}[3]\right)-\Pi_1$
$\lambda\alpha.\left(\Pi_30-3[3]\right)-\Pi_1$
$\lambda\alpha.\left(\Pi_{3-3}[3]\right)-\Pi_1$
$\lambda\alpha.\left(\Pi_{3-3-3}[3]\right)-\Pi_1$
$\lambda \alpha. (\Pi_4[3]) - \Pi_1$
$\lambda \alpha. (\Pi_5[3]) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 1) - \Pi_1[3]) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\omega - \pi - \Pi_1) - \Pi_1[3]) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\omega - \pi - [2] - \Pi_1) - \Pi_1[3]) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\Pi_3[3]) - \Pi_1[3]) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\lambda \gamma. (\Pi_3[3]) - \Pi_1[3]) - \Pi_1[3]) - \Pi_1$
$\omega - \pi - [3] - \Pi_1$
$\omega-\pi-[4]-\Pi_1$
$\omega - \pi - [5] - \Pi_1$
$\lambda \alpha. (\Pi_0[\omega]) - \Pi_1$
$\lambda \alpha. (\Pi_{0-0}[\omega]) - \Pi_1$
$\lambda \alpha. (\Pi_{0-\omega}[\omega]) - \Pi_1$
$\lambda \alpha. (\Pi_{0-\alpha}[\omega]) - \Pi_1$
$\lambda \alpha. (\Pi_3[\omega]) - \Pi_1$
$\lambda \alpha. \left(\Pi_4[\omega]\right) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\beta + 1) - \Pi_1[\omega]) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\Pi_0[\omega]) - \Pi_1[\omega]) - \Pi_1$
$\lambda \alpha. (\lambda \beta. (\lambda \gamma. (\Pi_0[\omega]) - \Pi_1[\omega]) - \Pi_1[\omega]) - \Pi_1$
$\omega - \pi - [\omega] - \Pi_0$
$\lambda \alpha. \left(\Pi_0[\omega+1]\right) - \Pi_1$
$\omega - \pi - [\omega + 1] - \Pi_0$

方括号稳定
$\lambda \alpha. (\Pi_0[\omega+2]) - \Pi_1$
$\omega - \pi - [\Omega] - \Pi_0$
$\omega - \pi - [\alpha] - \Pi_0$
$\omega - \pi - [\beta] - \Pi_0$
$\omega - \pi - [\alpha(\omega)] - \Pi_0$
$\omega - \pi - [\alpha(1,0)] - \Pi_0$
$\omega - \pi - [\Pi_3[2]] - \Pi_0$
$\omega - \pi - [\Pi_{\omega}[2]] - \Pi_0$
$\omega - \pi - [\omega - \pi - [2] - \Pi_0] - \Pi_0$
$\omega - \pi - [\omega - \pi - [3] - \Pi_0] - \Pi_0$
$\omega - \pi - [\omega - \pi - [\omega] - \Pi_0] - \Pi_0$
$\omega - \pi - [\omega - \pi - [\omega - \pi - [\omega] - \Pi_0] - \Pi_0] - \Pi_0$

C.4 投影序数

投影序数
$\lambda \alpha \cdot (\lambda \beta \cdot (\Pi_0[\beta]) - \Pi_1) - \Pi_1 = \psi_\alpha \left(\psi_\beta \left(\alpha_{\beta+1}{}^\beta \right) \right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\alpha_{\beta+1}{}^{\Omega_{\beta+1}}\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\alpha_{\beta+1}{}^{\alpha_{\beta+1}}\right)\right)$
$\psi_{lpha}\left(\psi_{eta}\left(arepsilon_{lpha_{eta+1}+1} ight) ight)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\Omega_{\alpha_{\beta+1}+1}\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\alpha_{\alpha_{\beta+1}}\right)\right)$
$\psi_{lpha}\left(\psi_{eta}\left(lpha_{lpha_{lpha_{eta+1}}} ight) ight)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\beta_{2}}\left(\alpha_{\beta_{2}+1}\cdot\beta\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{eta}\left(\psi_{eta_{2}}\left(lpha_{eta_{2}+1}^{2} ight) ight) ight)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\beta_{2}}\left(\alpha_{\beta_{2}+1}{}^{\alpha_{\beta_{2}+1}}\right)\right)\right)$
$\psi_{lpha}\left(\psi_{eta}\left(\psi_{eta_{2}}\left(arepsilon_{lpha_{eta_{2}+1}+1} ight) ight) ight)$

投影序数
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\beta_{2}}\left(\Omega_{\alpha_{\beta_{2}+1}+1}\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\beta_{2}}\left(\alpha_{\alpha_{\beta_{2}+1}+1}\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\beta_{3}}\left(\alpha_{\beta_{3}+1}\cdot\beta\right)\right)\right)$
$\psi_{lpha}\left(\psi_{eta}\left(eta_{\omega} ight) ight)$
$\psi_{lpha}\left(\psi_{eta}\left(eta_{lpha} ight) ight)$
$\psi_{lpha}\left(\psi_{eta}\left(eta_{eta} ight) ight)$
$\psi_{lpha}\left(\psi_{eta}\left(eta_{eta_{eta}} ight) ight)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(\beta_{\gamma+1}\cdot\gamma\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(eta_{\gamma+1}^{2} ight) ight) ight)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(\beta_{\gamma+1}^{\beta_{\gamma+1}}\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(arepsilon_{eta_{\gamma+1}+1} ight) ight) ight)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(\Omega_{\beta_{\gamma+1}+1}\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(\alpha_{\beta_{\gamma+1}+1}\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(\beta_{\beta_{\gamma+1}+1}\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(\beta_{\beta_{\beta_{\gamma+1}+1}}\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(\psi_{\gamma_{2}}\left(\beta_{\gamma_{2}+1}\cdot\gamma\right)\right)\right)\right)$
$\psi_{\alpha}\left(\psi_{\beta}\left(\psi_{\gamma}\left(\psi_{\gamma_{3}}\left(\beta_{\gamma_{3}+1}\cdot\gamma\right)\right)\right)\right)$
$\psi_{lpha}\left(\psi_{eta}\left(\psi_{\gamma}\left(\gamma_{\omega} ight) ight) ight)$
$\psi_{lpha}\left(\psi_{eta}\left(\psi_{\gamma}\left(\psi_{\delta}\left(\delta_{\omega} ight) ight) ight) ight)$

$\mathbf{C.5}$ 容许稳定与 Σ_n 稳定序数

容许稳定与 Σ_n 稳定序数
$\omega-{ m ply}-{ m stable}_{ m Admissible}_{ m Stability}$
$\omega-{ m ply}-{ m stable}$ onto 2
$\omega-{ m ply}-{ m stable}$ onto lpha
$\omega-{ m ply}-{ m stable}{ m onto}{}^{lpha(\omega)}$

容许稳定与 Σ_n 稳定序数
$(\omega + 1) - \text{ply } - (+1) - \text{stable}$
$(\omega \cdot 2)$ - ply - stable
Ω - ply - stable
α - ply - stable
$\alpha(1,0)$ – ply – stable
$(\text{next }\Pi_3[2]) - \text{ stable } = \Sigma_2 - \text{ Admissible Ordinal}$
$(\text{next }\Pi_4[2]) - \text{stable}$
$(\text{ next }\Pi_{\omega}[2])-\text{ stable}$
$(\text{next }\omega-\text{ply }-[2]-\text{stable })-\text{stable }$
$(\text{next }\omega-\text{ply }-[3]-\text{stable })-\text{stable }$
$(\text{next }\omega-\text{ply }-[\omega]-\text{stable })-\text{stable }$
α 是 β - stable, 同时 β 是 $\Pi_0[\alpha]$ 反射。
α 是 β - stable, 同时 β 是 $\Pi_0[\beta]$ 反射。
α 是 $\beta-$ stable, 同时 β 是 $\gamma-\Sigma_2-$ stable 。
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,
同时 α 是 $\alpha(1) + 1$ - stable 。
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,
同时 α 是 $\alpha(\omega) + 1$ stable 。
α 是 $\beta-$ stable,同时 β 是 $\gamma-\Sigma_2-$ stable,同时满足 $\lambda\alpha.(\beta)-\Pi_2$ 。
α 是 β — stable,同时 β 是 γ — Σ_2 — stable,
同时满足 $\lambda lpha \cdot (lpha(eta+1)) - \Pi_2$ 。
α 是 β — stable,同时 β 是 γ — Σ_2 — stable,
同时满足 $\lambda \alpha.(\alpha(\beta+(\ldots)))-\Pi_2$ 。
α 是 β — stable,同时 β 是 γ — Σ_2 — stable,
同时满足稳定链顶端是 $\Pi_0[\gamma]1-\Pi_0[\gamma]$ 。
α 是 β — stable,同时 β 是 γ — Σ_2 — stable,
同时满足稳定链顶端是 $\Pi_0[\gamma]2-\Pi_0[\gamma]$ 。
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,
同时满足稳定链顶端是 $\Pi_0[\gamma]2-\Pi_0[\gamma]$ 。
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,
同时满足稳定链项端是 $\Pi_0[\gamma]3$ 。

容许稳定与 Σ_n 稳定序数
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,
同时 α 是 $\gamma + 1 - \text{ stable } \circ$
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,
同时 α 是 β_1 — stable, β_1 是 β_1+1 — stable 。
α 是 $\beta-$ stable,同时 β 是 $\gamma-\Sigma_2-$ stable,
同时 α 是 β_1 – stable, β_1 是 γ_1 – Σ_2 – stable。
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,
同时 α 是 β_2 — stable, β_2 是 γ_2 — Σ_2 — stable 。
存在 3 对 $\{\beta_n, \gamma_n\}$ 使得 α 是 β_n stable,
β_n 是 $\gamma_n - \Sigma_2$ - stable。
存在 4 对 $\{\beta_n, \gamma_n\}$ 使得 α 是 β_n – stable,
β_n 是 $\gamma_n - \Sigma_2$ - stable。
存在 ω 对 $\{\beta_n, \gamma_n\}$ 使得 α 是 β_n — stable,
$\beta_n \not\in \gamma_n - \Sigma_2 - \text{stable}$.
存在 α 对 $\{\beta_n, \gamma_n\}$ 使得 α 是 β_n – stable,
$\beta_n \not\in \gamma_n - \Sigma_2 - \text{stable}$.
n th X 即存在 n 对 $\{\beta_n, \gamma_n\}$ 使得 α 是 β_n stable,
β_n 是 $\gamma_n - \Sigma_2 - \text{stable}$ 。
Π_3 onto X
$\omega-$ ply $-$ stable onto X
next Σ_2 — stable onto X
lpha' onto X ,其中 $lpha'$ 是 $eta-$ stable,
同时 β 是 $\gamma - \Sigma_2$ - stable,同时 α' 是 $\alpha'(1) + 1$ - stable 。
lpha' onto X ,其中 $lpha'$ 是 $eta-$ stable,
同时 β 是 $\gamma - \Sigma_2$ - stable,同时 α' 是 $\alpha'(\omega) + 1$ - stable 。
lpha' onto X ,其中 $lpha'$ 是 $eta-$ stable,
同时 β 是 $\gamma - \Sigma_2 - \text{stable}$,同时满足 α' 是 $\lambda \alpha'(\beta) - \Pi_2$ 。
lpha' onto X ,其中 $lpha'$ 是 $eta-$ stable,
同时 β 是 $\gamma - \Sigma_2$ stable,同时满足稳定链顶端是 $\Pi_0[\gamma]1 - \Pi_0[\gamma]$ 。
α 是 β - stable,同时 β 是 γ - Σ_2 - stable,
同时 $\alpha(1)$ 是 $\gamma + 1 - \text{stable}$ 。
$ \alpha$ 是 β - stable,同时 β 是 γ - Σ_2 - stable,
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,同时 $\alpha(1)$ 是 β_1 - stable, β_1 是 $\beta_1 + 1$ - stable。
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,同时 $\alpha(1)$ 是 β_1 - stable, β_1 是 $\beta_1 + 1$ - stable。 存在 ω 对 $\{\beta_n, \gamma_n\}$ 使得 $\alpha(1)$ 是 β_n - stable,
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,同时 $\alpha(1)$ 是 β_1 - stable, β_1 是 $\beta_1 + 1$ - stable。 存在 ω 对 $\{\beta_n, \gamma_n\}$ 使得 $\alpha(1)$ 是 β_n - stable, β_n 是 $\gamma_n - \Sigma_2$ - stable。
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,同时 $\alpha(1)$ 是 β_1 - stable, β_1 是 $\beta_1 + 1$ - stable。 存在 ω 对 $\{\beta_n, \gamma_n\}$ 使得 $\alpha(1)$ 是 β_n - stable, β_n 是 $\gamma_n - \Sigma_2$ - stable。 α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,同时 $\alpha(1)$ 是 β_1 - stable, β_1 是 β_1 + 1- stable。 存在 ω 对 $\{\beta_n, \gamma_n\}$ 使得 $\alpha(1)$ 是 β_n - stable, β_n 是 $\gamma_n - \Sigma_2$ - stable。 α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,同时 $\alpha(2)$ 是 $\gamma + 1$ - stable。
α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,同时 $\alpha(1)$ 是 β_1 - stable, β_1 是 $\beta_1 + 1$ - stable。 存在 ω 对 $\{\beta_n, \gamma_n\}$ 使得 $\alpha(1)$ 是 β_n - stable, β_n 是 $\gamma_n - \Sigma_2$ - stable。 α 是 β - stable,同时 β 是 $\gamma - \Sigma_2$ - stable,

容许稳定与 Σ_n 稳定序数
$\alpha \not = \beta$ – stable, 同时 $\beta \not = \gamma - \Sigma_2$ – stable,
同时 β 是 $\gamma+1-$ stable 。
α 是 β - stable,同时 β 是 γ - Σ_2 - stable,
同时 eta 是 eta_1- stable, eta_1 是 $\gamma_1-\Sigma_2-$ stable。
α 是 β - stable, 同时 β 是 γ - Σ_2 - stable,
同时 β 是 β_1 – stable, β_1 是 γ_1 – Σ_2 – stable,
同时 β_1 是 β_2 — stable, β_2 是 $\gamma_2 - \Sigma_2$ — stable。
存在 3 对 $\{\beta_n, \beta_{n+1}, \gamma_{n+1}\}$, $\gamma_n \in \beta_{n+1}$,
使得 α 是 β_0 – stable, β_n 是 β_{n+1} – stable,
β_{n+1} 是 $\gamma_{n+1} - \Sigma_2$ - stable 。
存在 4 对 $\{\beta_n, \beta_{n+1}, \gamma_{n+1}\}$, $\gamma_n \in \beta_{n+1}$,
使得 α 是 β_0 – stable, β_n 是 β_{n+1} – stable,
$\beta_{n+1} \not\equiv \gamma_{n+1} - \Sigma_2 - \text{stable}$.
存在 ω 对 $\{\beta_n, \beta_{n+1}, \gamma_{n+1}\}$, $\gamma_n \in \beta_{n+1}$,
使得 α 是 β_0 – stable, β_n 是 β_{n+1} – stable,
$\beta_{n+1} \not\equiv \gamma_{n+1} - \Sigma_2 - \text{stable}$.
存在 $(1,0)$ 对 $\{\beta_n,\beta_{n+1},\gamma_{n+1}\}$,
$\gamma_n \in \beta_{n+1}$,使得 α 是 β_0 — stable, β_n 是 β_{n+1} — stable,
$\beta_{n+1} \not\equiv \gamma_{n+1} - \Sigma_2 - \text{stable}$.
α 是 β — stable, β 是 $(\gamma, \gamma') - 2 - o - \Sigma_2$ — stable。
α 是 β - stable, β 是 $(\gamma, \gamma') - 2 - o - \Sigma_2$ - stable,
同时 $\gamma' \in \beta_1 \beta $ 是 β_1 — stable,
β_1 是 $(\gamma_1, \gamma_1') - 2 - o - \Sigma_2$ stable 。
存在 3 对 $\{\beta_n, \beta_{n+1}, \gamma'_{n+1}\}$, $\gamma'_n \in \beta_{n+1}$,
使得 α 是 β_0 — stable, β_n 是 β_{n+1} — stable,
β_{n+1} 是 $(\gamma_n, \gamma'_{n+1}) - 2 - o - \Sigma_2$ stable。
存在 4 对 $\{\beta_n, \beta_{n+1}, \gamma'_{n+1}\}$, $\gamma'_n \in \beta_{n+1}$,
使得 α 是 β_0 — stable, β_n 是 β_{n+1} — stable,
β_{n+1} 是 $(\gamma_n, \gamma'_{n+1}) - 2 - o - \Sigma_2$ stable 。
存在 ω 对 $\{\beta_n, \beta_{n+1}, \gamma'_{n+1}\}$, $\gamma'_n \in \beta_{n+1}$,
使得 α 是 β_0 — stable, β_n 是 β_{n+1} — stable,
$\beta_{n+1} \notin (\gamma_n, \gamma'_{n+1}) - 2 - o - \Sigma_2 - \text{ stable } \circ$ 存在 $(1,0)$ 对 $\{\beta_n, \beta_{n+1}, \gamma'_{n+1}\}$, $\gamma'_n \in \beta_{n+1}$,
使得 α 是 β_0 — stable, β_n 是 β_{n+1} — stable,
及行 在 定 β_0 — stable, β_n 定 β_{n+1} — stable, β_{n+1} 是 $\left(\gamma_n,\gamma_{n+1}'\right)-2-o-\Sigma_2$ — stable 。
α 是 β - stable, β 是 $3-o-\Sigma_2-$ stable。
$\alpha \not\equiv \beta$ - stable, $\beta \not\equiv 4 - o - \Sigma_2$ - stable.

容许稳定与 Σ_n 稳定序数
α 是 β - stable, β 是 α - o - Σ_2 - stable。
α 是 β - stable, β 是 $(1 \text{ st } \Sigma_2 - \tau) - o - \Sigma_2$ - stable 。
α 是 β - stable, β 是 $(2 \text{ nd } \Sigma_2 - \tau) - o - \Sigma_2$ - stable 。
记 γ_n 是 $1+n\operatorname{th}\Sigma_2$ 稳定目标。
α 是 β - stable, β 是 $(1,0 \text{ th } \Sigma_2 - \tau) - o - \Sigma_2$ - stable,
即 α 是 β — stable, β 是 γ — o — Σ_2 — stable。
$\alpha \not\in \beta$ - stable, $\beta \not\in \gamma - \Sigma_2$ - stable,
且 $\gamma\in\Pi_3$ 。
α 是 β - stable, β 是 γ - Σ_2 - stable,
且 $\gamma \in \Pi_4$ 。
α 是 β — stable, β 是 γ — Σ_2 — stable,
且 γ 是 $\gamma + 1$ — stable 。
α 是 β - stable, β 是 γ - Σ_2 - stable, 且 γ 是 β_1 - stable, β_1 是 γ_1 - Σ_2 - stable 。
存在 3 对 $\{\beta_n, \gamma_n\}$,使得 α 是 β_0 — stable,
$\beta_n \not\in \gamma_n - \Sigma_2$ stable, $\gamma_n \not\in \beta_{n+1}$ stable.
存在 ω 对 $\{\beta_n, \gamma_n\}$,使得 α 是 β_0 — stable,
β_n 是 $\gamma_n - \Sigma_2$ - stable, γ_n 是 β_{n+1} - stable 。
存在 $(1,0)$ 对 $\{\beta_n,\gamma_n\}$,使得 α 是 β_0- stable,
$\beta_n \not\in \gamma_n - \Sigma_2$ stable, $\gamma_n \not\in \beta_{n+1}$ stable .
α 是 β - stable, β 是 $(\gamma, \gamma') - \Sigma_2$ - stable,
且 γ 是 γ' — stable,即 $\alpha \to \beta \to_2 (\gamma, \gamma'), \gamma \to \gamma'$ 。
α 是 β - stable, β 是 $(\gamma, \gamma', \gamma'') - \Sigma_2$ - stable,
且 γ 是 γ'' — stable,即 $\alpha \to \beta \to_2 (\gamma, \gamma', \gamma''), \gamma \to \gamma' \to \gamma''$ 。
上述 $\Sigma_2 - au$ 稳定层级的 $\omega - \mathrm{ply}$ 。
上述 $\Sigma_2 - au$ 稳定层级的 $lpha - \mathrm{ply}$ 。
上述 $\Sigma_2 - au$ 稳定层级的 $eta - \mathrm{ply}$ 。
上述 $\Sigma_2 - au$ 稳定层级的 $\gamma - \mathrm{ply}$ 。
α 是 β - stable, β 是 $\gamma - \Sigma_2$ - stable,
且 γ 是 $\delta - \Sigma_2 - \text{ stable } $ 。即 $\alpha \to \beta \to_2 \gamma \to_2 \delta $ 。
α 是 β - stable, β 是 $\gamma - \Sigma_2$ - stable,
且 γ 是 2 - o - Σ_2 - stable。 α 是 β - stable,
$\beta \not\in \gamma - \Sigma_2$ stable, $\not\sqsubseteq \gamma \not\in \omega - o - \Sigma_2$ stable.
α 是 β — stable, β 是 γ — Σ_2 — stable,
且 γ 是 $\delta - \Sigma_2 - \text{stable}$,且 $\delta \in \Pi_3$ 。
α 是 $\beta-$ stable, β 是 $\gamma-\Sigma_2-$ stable,且 γ 是 $\delta-\Sigma_2-$ stable,且 $\delta\in\Pi_4$ 。
, II / ~ 0 22 Stable, II 0 C 114 °

容许稳定与 Σ_n 稳定序数
α 是 β - stable, β 是 $\gamma - \Sigma_2$ - stable,
且 γ 是 $\delta - \Sigma_2$ —stable,且 δ 是 $\delta + 1$ —stable。
存在 1 对 $\{\delta_n, \varepsilon_n\}$,使得 α 是 $\beta-$ stable,
β 是 $\gamma - \Sigma_2$ - stable,且 γ 是 $\delta_0 - \Sigma_2$ - stable。
$\delta_n \not\in \varepsilon_n$ - stable, $\varepsilon_n \not\in \delta_{n+1}$ - stable.
存在 ω 对 $\{\delta_n, \varepsilon_n\}$,使得 α 是 β — stable,
$\beta \not = \gamma - \Sigma_2 - \text{stable}, \underline{\mathbb{I}} \gamma \not = \delta_0 - \Sigma_2 - \text{stable}.$
$\delta_n \not\in \varepsilon_n$ stable, $\varepsilon_n \not\in \delta_{n+1}$ stable.
存在 $(1,0)$ 对 $\{\delta_n, \varepsilon_n\}$,使得 $lpha$ 是 eta — stable,
β 是 $\gamma - \Sigma_2$ - stable,且 γ 是 $\delta_0 - \Sigma_2$ - stable。
$\delta_n \not\in \varepsilon_n$ - stable, $\varepsilon_n \not\in \delta_{n+1}$ - stable.
$\alpha \not = \beta$ - stable, $\beta \not = \gamma - \Sigma_2$ - stable,
且 γ 是 $\delta - \Sigma_2$ stable,且 δ 是 ε stable,
ε 是 $(\delta_1, \delta_1') - \Sigma_2$ - stable,且 δ_1 是 δ_1' - stable,
$\mathbb{P} \alpha \to \beta \to_2 \gamma \to_2 \delta \to \varepsilon \to_2 (\delta_1, \delta_1'), \delta_1 \to \delta_1' .$
α 是 β - stable, β 是 $\gamma - \Sigma_2$ - stable,
且 γ 是 $\delta - \Sigma_2$ stable, 且 δ 是 ε stable,
ε 是 $(\delta_1, \delta_1', \delta_1'') - \Sigma_2$ stable,且 δ_1 是 δ_1'' stable,
$\mathbb{P} \ \alpha \to \beta \to_2 \gamma \to_2 \delta \to \varepsilon \to_2 (\delta_1, \delta_1', \delta_1''), \delta_1 \to \delta_1' \to \delta_1'' \ .$
上述 $\Sigma_2 - au$ 稳定层级的 $\omega - \mathrm{ply}$ 。
上述 $\Sigma_2 - au$ 稳定层级的 $\gamma-$ ply 。
上述 $\Sigma_2 - au$ 稳定层级的 $\delta - \mathrm{ply}$ 。
α 是 β - stable, β 是 $\gamma - \Sigma_2$ - stable,
且 γ 是 $\delta - \Sigma_2$ stable,且 δ 是 ε stable,
ε 是 $\delta_1 - \Sigma_2$ stable,且 δ_1 是 $\delta_1' - \Sigma_2$ stable。
$\mathbb{II} \ \alpha \to \beta \to_2 \gamma \to_2 \delta \to \varepsilon \to_2 \delta_1 \to_2 \delta_1' \ .$
存在 2 对 $\left\{ arepsilon_{n}, \delta_{n+1}, \delta_{n+1}' ight\}$,
使得 α 是 β -stable, β 是 $\gamma - \Sigma_2$ - stable,
且 γ 是 $\delta_0 - \Sigma_2$ — stable, δ_0 是 ε_0 — stable,
$\varepsilon_n \not\in \delta_{n+1} - \Sigma_2 - \text{stable}, \ \delta_{n+1} \not\in \delta'_{n+1} - \Sigma_2 - \text{stable}.$
存在 ω 对 $\{\varepsilon_n, \delta_{n+1}, \delta'_{n+1}\}$,使得 α 是 β - stable,
β 是 $\gamma - \Sigma_2$ - stable,且 γ 是 $\delta_0 - \Sigma_2$ - stable,
$\delta_0 \not\in \varepsilon_0$ - stable, $\varepsilon_n \not\in \delta_{n+1} - \Sigma_2$ - stable,
δ_{n+1} 是 $\delta'_{n+1} - \Sigma_2$ stable 。

容许稳定与 Σ_n 稳定序数
存在 $(1,0)$ 对 $\{\varepsilon_n, \delta_{n+1}, \delta'_{n+1}\}$, 使得 α 是 β — stable, β 是 γ — Σ_2 — stable, 且 γ 是 δ_0 — Σ_2 — stable, δ_0 是 ε_0 — stable, ε_n 是 δ_{n+1} — Σ_2 — stable, δ_{n+1} 是 δ'_{n+1} — Σ_2 — stable。 α 是 β — stable, β 是 γ — Σ_2 — stable, 且 γ 是 (δ, δ') — Σ_2 — stable, 且 δ 是 δ' — stable。 即 $\alpha \to \beta \to_2 \gamma \to_2 (\delta, \delta'), \delta \to \delta'$ 。 α 是 β — stable, β 是 γ — Σ_2 — stable, 且 γ 是 $(\delta, \delta', \delta'')$ — Σ_2 — stable, 且 δ 是 δ'' — stable。 即 $\alpha \to \beta \to_2 \gamma \to_2 (\delta, \delta', \delta''), \delta \to \delta' \to \delta''$ 。
上述 $\Sigma_2 - au$ 稳定层级的 $\omega - \mathrm{ply}$ 。
上述 $\Sigma_2 - \tau$ 稳定层级的 $\alpha - \mathrm{ply}$ 。
上述 $\Sigma_2 - au$ 稳定层级的 $eta - \mathrm{ply}$ 。
上述 $\Sigma_2 - au$ 稳定层级的 $\gamma-$ ply 。
上述 $\Sigma_2 - au$ 稳定层级的 $\delta - \mathrm{ply}$ 。
$4 - \text{ply } -\Sigma_2 - \text{ stable}$
$5 - \text{ply } -\Sigma_2 - \text{stable}$
$6 - \text{ply } -\Sigma_2 - \text{stable}$
$\omega - \text{ply } - \Sigma_2 - \text{ stable}$
$(\omega + 1) - \text{ply } -\Sigma_2 - \text{stable}$
$\alpha - \text{ply } -\Sigma_2 - \text{ stable}$
$\alpha(\alpha(0)) - \text{ply } -\Sigma_2 - \text{ stable}$
$\alpha(1,0) - \text{ply } -\Sigma_2 - \text{ stable}$
$\alpha(1,0,0) - \text{ply } -\Sigma_2 - \text{ stable}$
$\alpha(1@\omega) - \text{ply } -\Sigma_2 - \text{ stable}$
$\alpha(1@(1,0)) - \text{ ply } -\Sigma_2 - \text{ stable}$
$\alpha(1@(1@(1,0))) - \text{ply } -\Sigma_2 - \text{ stable}$
$\lambda \alpha \cdot (\Pi_4[2][\Sigma_2]) - \Pi_1$
$\lambda lpha \cdot (\Pi_5[2][\Sigma_2]) - \Pi_1$
$\lambda \alpha \cdot (\Pi_{\omega}[2][\Sigma_2]) - \Pi_1$

容许稳定与 Σ_n 稳定序数 $\omega - \pi - \Sigma_2 - [2] - \Pi_1$ $\omega - \pi - \Sigma_2 - [3] - \Pi_1$ $\omega - \pi - \Sigma_2 - [\omega] - \Pi_1$ $\omega - \pi - \Sigma_2 - [\omega] - \Pi_1$ $\omega - \pi - \Sigma_2 - [\omega - \pi - \Sigma_2 - [\omega] - \Pi_1] - \Pi_1$ $\alpha \not\in \beta - \text{ stable, } \beta \not\in \gamma - \Sigma_3 - \text{ stable.}$ $\alpha \not\in \beta - \text{ stable, } \beta \not\in \gamma - \Sigma_4 - \text{ stable.}$ $\alpha \not\in \beta - \text{ stable, } \beta \not\in \gamma - \Sigma_5 - \text{ stable.}$

C.6 间隙序数与初等嵌入

间隙序数与初等嵌入
$\sup \{ \Sigma_n - \operatorname{adm} \mid n \in \omega \}$
real. $\Sigma_{\omega} - \operatorname{adm},$
$ \exists \exists \forall n \in \omega, \alpha \in \Sigma_n - \text{adm } \circ $
其满足 $L_{\alpha+1} \models (\alpha = \omega_1)$,
故又是 $L_{\alpha+1}$ 中的 ω_1 , 记作 $\omega_1^{L_{\alpha+1}}$ 。
$\omega_1^{L_{\alpha+1}}$ 即长度为 1 的 Gap Ordinal。
初等嵌入 $j: L_{\alpha} \to L_{\beta}$,
略微大于 $\omega_1^{L_{\alpha+1}}$ 。
初等嵌入 $j: L_{\alpha} \to L_{\beta}$ 与 $j_1: L_{\alpha} \to L_{\beta_1}$,
即存在 L_{α} 到两个不同的 L_{β} 的初等嵌入。
这样的初等嵌入对应了 $\Sigma_{\omega \times 2}$ 稳定。
初等嵌入 $j: L_{\alpha} \to L_{\beta_n}, n < 4$ 。
初等嵌入 $j: L_{\alpha} \to L_{\beta_n}, n < \omega$ 。
初等嵌入 $j_0:L_{lpha} o L_{eta}$,
且对于 β 有初等嵌入 $j_1:L_{\beta}\to L_{\gamma}$ 。 2-ply。
初等嵌入 $j_0:L_{lpha} o L_{eta}$,
且初等嵌入 $j_1:L_eta o L_\gamma$,
且初等嵌入 $j_2: L_{\gamma} \to L_{\delta}$ 。 3- ply 。
初等嵌入 $j: L_{\alpha} \to L_{\beta}$ 的 ω - ply。
初等嵌入 $j: L_{\alpha} \to L_{\beta}$ 的 $(1,0)$ – ply。
初等嵌入 $j:L_{lpha} ightarrow L_{eta}$ 的 $\Pi_3[2]$ 。

间隙序数与初等嵌入
初等嵌入 $j: L_{\alpha} \to L_{\beta}$ 的 $\omega - [2] - \text{ply}$ 。
$lpha$ 满足 $L_{lpha+2}\models(lpha=\omega_1)$,即 $\omega_1^{L_{lpha+2}}$,
同时是长度为 2 的 Gap Ordinal。
初等嵌入 $j: L_{\alpha+1} \to L_{\beta+1}$, 略微大于 $\omega_1^{L_{\alpha+2}}$ 。
初等嵌入 $j_0: L_{\alpha+1} \to L_{\beta+1}$, 且初等嵌入 $j_1: L_{\beta} \to L_{\gamma}$, 类似稳定链的 $\alpha \to_2 \beta \to \gamma$ 。
初等嵌入 $j: L_{\alpha+1} \to L_{\beta_n+1}, n < \omega$ 。
初等嵌入 $j: L_{\alpha+1} \to L_{\beta+1}$ 的 2- ply 。
初等嵌入 $j: L_{\alpha+1} \to L_{\beta+1}$ 的 ω - ply 。
初等嵌入 $j: L_{\alpha+1} \to L_{\beta+1}$ 的 $\omega - [2]$ – ply 。
$\omega_1^{L_{lpha+3}}$,
长度为 3 的 Gap Ordinal。
初等嵌入 $j: L_{\alpha+2} \to L_{\beta+2}$ 。
初等嵌入 $j: L_{\alpha+2} \to L_{\beta+2}$ 的 $\omega - [2]$ – ply 。
$\omega_1^{L_{\alpha+\omega}}$
$\omega_1^{L_{\alpha+arepsilon_0}}$
$\omega_1^{L_{lpha+\Omega}}$
$\omega_1^{L_{lpha+\Sigma_\omega-\mathrm{adm}}}$
$\omega_1^{L_{lpha imes2}}$,
长度为 $lpha$ 的 Gap Ordinal。
此处有 $L_{\alpha+\alpha} \models \alpha = \omega_1$,
初等嵌入随之改变为: $j: L_{\alpha} \to L_{\omega_1}$
$\omega_1^{L_{a imes 2+1}}$
初等嵌入 $j: L_{\alpha+1} \to L_{\omega_1+1}$
$\omega_1^{L_{lpha imes 2+2}}$

2-11/5-2-20/4 1 2-2-46/61/1 2
间隙序数与初等嵌入
初等嵌入 $j: L_{\alpha+2} \to L_{\omega_1+2}$
$\omega_1^{L_{lpha imes\omega}}$
$\omega_1^{L_{lpha imes\Omega}}$
$\omega_1^{L_{lpha^2}}$
$\omega_1^{L_{lpha^lpha}}$
$\omega_1^{L_{arepsilon_{lpha+1}}}$
$\omega_1^{L_{\Omega_{lpha+\omega}}}$.
$\diamondsuit \ eta = \Omega_{lpha + \omega}$,
则 $L_{\beta} \models \alpha = \omega_1$
\mathbb{H} $\beta \in \Pi_1$ onto $\Sigma_1 - \text{adm}$.
在 OCF 中对应证明论序数: $\operatorname{PTO}\left(\Pi_1^2 - \operatorname{CA}_0\right)$ 。
$L_{\beta} \models \alpha = \omega_1 \ \bot \ \beta \ \not \to \ \omega$ – ply - stable,
对应证明论序数: $\operatorname{PTO}\left(\Pi_2^2 - \operatorname{CA}_0\right)$ 。
$L_{\beta} \models \alpha = \omega_1 \perp \beta \in \Sigma_2 - \text{adm}$
$L_{\beta} \models \alpha = \omega_1 \; \exists \; \beta \; \not\exists \; \omega - \; \text{ply} \; -\Sigma_2 - \; \text{stable},$ 对应证明论序数: $\text{PTO}\left(\Pi_3^2 - \text{CA}_0\right)$ 。
$L_{\beta} \models \alpha = \omega_1 \perp \beta \in \Sigma_3 - \mathrm{adm}$
$L_{\beta} \models \alpha = \omega_1 \perp \beta \in \Sigma_{\omega} - \text{adm}.$
对于此时的 β 可以见证其下存在一个 ω_1 ,
而本身也是 Σ_{ω} – adm ,故 $L_{\beta+1} \models \beta = \omega_2$ 。
(用回 α 表示)于是我们得到了 $\omega_2^{L_{\alpha+1}}$ 。
$\omega_2^{L_{lpha+1}}$,
对应证明论序数 PTO(Z ₃)。
初等嵌入 $j: L_{\alpha} \to L_{\beta} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
这样的初等嵌入记作 $j:L_{\alpha}\to_{\omega_2}L_{\beta}$ 。
初等嵌入 $j: L_{\alpha} \to_{\omega_2} L_{\beta}$ 且初等嵌入 $j: L_{\beta} \to L_{\gamma}$,
ω_2 意义上的 $2-\mathrm{ply}$ 。
初等嵌入 $j: L_{\alpha} \to_{\omega_2} L_{\beta}$ 的 ω - ply
$\omega_2^{L_{lpha+2}}$
$\omega_2^{L_{\alpha+\omega}}$

间隙序数与初等嵌入
$\omega_2^{L_{lpha imes2}}$
初等嵌入 $j:L_{\alpha}\to L_{\omega_2}$
$\omega_2^{L_{lpha imes 2+1}}$
$\omega_2^{L_{lpha^2}}$
$\omega_2^{L_{\Omega_{lpha+1}}}$
$L_{\beta} \models \alpha = \omega_2 \ \text{II.} \ \beta \in \Sigma_1 - \text{adm}$
$L_{\beta} \models \alpha = \omega_2 \ \text{II} \ \beta \in \Sigma_2 - \text{adm}$
$L_{\beta} \models \alpha = \omega_2 \ \ \exists \ \ \beta \in \Sigma_3 - adm$
$\omega_3^{L_{lpha+1}}$.
对应证明论序数 PTO (Z ₄)
$\omega_4^{L_{lpha+1}}$.
对应证明论序数 $\operatorname{PTO}\left(\mathbf{Z}_{5} ight)$
$\omega_\omega^{L_{lpha+1}}$.
对应证明论序数 PTO (Z_{ω})
$\omega^{L_{lpha+1}}_{\omega_1}$
$\omega^{L_{lpha+1}}_{\omega_2}$
$\omega^{L_{lpha+1}}_{\omega_{\omega}}$
$\omega_{(1,0)}^{L_{lpha+1}}$
$\omega_{(1,0,0)}^{L_{lpha+1}}$
$\omega_{(1@\omega)}^{L_{lpha+1}}$
•••••
$L_{\alpha+1}$ 中的幂容许基数,
$\mathbb{E}[(\Sigma_1 - \mathrm{WC})^{\mathrm{L}_{\alpha+1}}]$
$L_{\alpha+1}$ 中的基数稳定层级,
$\mathbb{E} \left(V_{\alpha} \to_{\Sigma_1} V_{\beta}\right)^{L_{\alpha}+1}$
$L_{\alpha+1}$ 中的 Σ_2 世界基数,
$\mathbb{H}\left(\Sigma_2-\mathrm{WC}\right)^{\mathrm{L}_{\alpha+1}}$
$L_{\alpha+1}$ 中的基数 Σ_2 稳定层级,
$\mathbb{P}\left(V_{\alpha} \to_{\Sigma_2} V_{\beta}\right)^{L_{\alpha+1}}$

间隙序数与初等嵌入
$L_{\alpha+1}$ 中的世界基数。
对应证明论序数: PTO(ZFC)。
与此同时,它还是 $L_{\alpha+1}$ 中的不可达基数。
Σ ₁ - 完全稳定
Σ_{2} — 完全稳定
Σ3- 完全稳定
Σω- 完全稳定
$\omega_1^L,\ L$ 中的 ω_1 。
L_{lpha+1} 中的 2 个世界基数。
对应证明论序数:
PTO(ZFC+ there is a worldly cardinal) $_{\circ}$
$L_{\alpha+1}$ 中的 ω 个世界基数。
对应证明论序数:
PTO(ZFC+ there is a proper class of worldly cardinals).
$L_{\alpha+2}$ 中的世界基数。
$L_{\alpha \times 2}$ 中的世界基数。
$L_{\alpha+1}$ 中的初等嵌入 $j:V_{\alpha}\to V_{\beta}$
$L_{\alpha+1}$ 中的初等嵌入 $j:V_{\alpha}\to V_{\beta}$ 的 ω - ply
$L_{\alpha+2}$ 中的不可达基数
$L_{\alpha+2}$ 中的初等嵌入 $j:V_{\alpha+1}\to V_{\beta+1}$
$L_{\alpha+\omega}$ 中的不可达基数
$L_{\alpha+2}$ 中的初等嵌入 $j: V_{\alpha+1} \to V_{\beta+1}$
$L_{\alpha+2}$ 中的初等嵌入 $j: V_{\alpha+1} \to V_{\beta+1}$
$L_{\alpha+\omega}$ 中的不可达基数
$L_{\alpha+1}$ 中的马洛基数。
$L_{\alpha+n}$ 中的弱紧致基数。
(它至少要放进 $L_{\alpha+\omega}$ 中)。

间隙序数与初等嵌入		
$L_{\alpha+n}$ 中的各类不可描述基数。		
$L_{\alpha+n}$ 中的各种大基数。		
非平凡初等嵌入 $j:L\to L$ 的关键点。		

附录 D 证明论序数表

本表内容引自 $^{[62,173-174]}$ 。表中第一列为利用 OCF 或其他记号表示出的序数,其中方括号外的为原表之中的记法,各论文中的约定很不相同,方括号内的为转换成大数数学中通用的 MOCF 的记法,可能不准确。由于篇幅所限,有时我们要将同一个较长的公理分开来写。若同一格中前行末尾和后行开头以 — 相连,则它们代表的是同一个公理体系的名字。表中n 是自然数, ν 是任意非零序数, γ 是极限序数。

D.1 ZFC 以下的证明论序数

证明论序数	算术论体系	集合论体系	其他体系
_	Q	KP-	
ω^2	RFA $I\Delta_0$		
ω^3	$ ext{RCA}_0^*$ $ ext{WKL}_0^*$ $ ext{I}\Delta_0 + ext{exp}$		
ω^n	I $\Delta_0 + \mathcal{E}_n$ is total		
ω^{ω} [175-176]	$ m RCA_0$ $ m WKL_0$ $ m PRA$ $ m RCA_0^2$	$\begin{array}{c} \text{CPRC} \\ \text{KP}^- + \Pi_1^{\text{set}} - \\ -\text{Foundation} + \text{IND} \end{array}$	
$\omega^{\omega^{\omega^{\omega}}}$ [177]	$RCA_0 + (\Pi_2^0)^ IND$		
$\omega \uparrow \uparrow (n+2)$ [178]	$\mathrm{I}\Sigma_{n+1}$		
$arepsilon_0$ [179-180]	PA ACA_0 $\Delta_1^1 - CA_0$ $\Sigma_1^1 - AC_0$	$\mathrm{KP}^{-\infty}$	EM_0
$arepsilon_1$	$ACA_0 + KPHT$		

证明论序数	算术论体系	集合论体系	其他体系
$arepsilon_{\omega}$ [181-182]	$ACA_0 + iRT$		
	$RCA_0 + \forall Y \forall n \exists X -$		
	$-(\mathrm{TJ}(n,X,Y))$		
	ACA		
$arepsilon_{arepsilon_0}$	$FP_n - ACA'_0$		
[]	$FP_n - ACA'$		
ζ_0	$ACA_0 + \forall X \exists Y -$		
$\psi_{\Omega_1}(\Omega)$	$-(\mathrm{TJ}(\omega,X,Y))$		
$[\psi(\Omega)]$	$ACA_0 + (BR)$		
[184,182,185]	$p_1 (ACA_0)$		
(-	$ACA + \forall X \exists Y -$		
$arphi(2,arepsilon_0)$	$-(\mathrm{TJ}(\omega,X,Y))$		
[101]	RFN		
			${ m ID}_1^\#$
			$EM_0 + JR$
$arphi(\omega,0)$	4.1 GD		PID
$\psi_{\Omega_1}(\Omega^\omega)$	$\Delta_1^1 - CR$		Acc - ID(Acc)
$[\psi(\Omega^\omega)]$	$RCA_0^* + \Pi_1^1 - CA^-$		$(\Pi_0^0(\mathrm{P})\mathrm{P}\cup\mathrm{N})-$
[182,186]	$\Sigma_1^1 - \mathrm{DC}_0$		-ID)
			$\Pi_0^0(P), P \wedge N)$
			-ID(Acc)
$\varphi(\nu+1,0)$	$ACA_0 + \forall X \exists Y -$		ID(Nec)
(182)	$-\left(\mathrm{TJ}\left(\omega^{\nu},X,Y\right)\right)$		
$\psi_{\Omega_1}\left(\Omega^{\varepsilon_0}\right)$	$\Delta_1^1 - CA$		
$[\psi(\Omega^{arepsilon_0})]$	$\Sigma_1^1 - AC$		
[186-187]	$\left(\Pi_1^0-\mathrm{CA}\right)_{$		
$\psi_{\Omega_1}(\Omega^{\psi_{\Omega_1}(\Omega^\omega)})$	$(1 -) < \varepsilon_0$		
$[\psi(\Omega^{\psi(\Omega^\omega)})]$		PRS ω	
[188]			
	ATR_0		
Γ_0	$\Delta_1^1 - \mathrm{CA} + \mathrm{BR}$		$\widehat{\mathrm{ID}}_{<\omega}$
$\psi_{\Omega_1}\left(\Omega^\Omega ight)$	$RCA_0 + \Sigma_1^0 - RT$	KD:-	$\widehat{\mathrm{ID}}^*$
$[\psi(\Omega^\Omega)]$	$RCA_0 + \Delta_1^0$ -RT	KPi ⁻	$\mathrm{ML}_{<\omega}$
[175,189,180]	$ACA_0 + \Delta_1^0$ -det.	$CZF^- + INAC$	MLU
[190-191]	$ACA_0 + \Sigma_1^0$ -det.		U(PA)
	FP_0		

证明论序数	算术论体系	集合论体系	其他体系
$arphi(1,0,\omega^\omega)$		$\mathrm{KPl}^0 + (\Sigma_1 - \mathrm{I}_\omega)$	
$\varphi(1,0,\varepsilon_0)$ [185,193]	ATR		$\widehat{\mathrm{ID}}_{\omega}$
$\psi_{\Omega_1} \left(\Omega^{\Omega+1} \right) \\ \left[\psi \left(\Omega^{\Omega+1} \right) \right]$	$RCA_0 + \forall X \exists M -$ $-(X \in M \land M -$ $- \models_{\omega} ATR_0)$		
$\psi_{\Omega_1} \left(\Omega^{\Omega + \omega} \right) \\ \left[\psi \left(\Omega^{\Omega + \omega} \right) \right] $ [185]	$\mathrm{ATR}_0 + \Sigma_1^1 - \mathrm{DC}$		$\widehat{\mathrm{ID}}_{<\omega^\omega}$
$\psi_{\Omega_1} \left(\Omega^{\Omega + \varepsilon_0} \right) \\ \left[\psi \left(\Omega^{\Omega + \varepsilon_0} \right) \right] $ [185]	$\mathrm{ATR} + \Sigma_1^1 - \mathrm{DC}$		$\widehat{\mathrm{ID}}_{$
$\psi_{\Omega_1} \left(\Omega^{\Omega + \Gamma_0} \right) \\ \left[\psi \left(\Omega^{\Omega + \Gamma_0} \right) \right]$			$\widehat{\mathrm{ID}}_{<\Gamma_0}$ MLS
$\varphi(2,0,0)$ [192]	FTR_0	KPh⁻	$\mathrm{Aut}\ (\widehat{\mathrm{ID}})$
$\varphi(2,0,\varepsilon_0)$ [192]	FTR		
$\varphi(2,\varepsilon_0,0)$ [192]		$\mathrm{KPh}^0 + (\mathrm{F} - \mathrm{I}_{\omega})$	
$\psi_{\Omega_1} \left(\Omega^{\Omega \cdot \omega} \right) \\ \left[\psi \left(\Omega^{\Omega \cdot \omega} \right) \right]$		KPM ⁻	
$\varphi(\varepsilon_0, 0, 0)$ [185]	$\Sigma_1^1 - \mathrm{TDC}$		
$\varphi(1,0,0,0)$ [185]	$p_1 \left(\Sigma_1^1 - TDC_0 \right)$		
$\psi_{\Omega_1}\left(\Omega^{\Omega^\omega}\right) \ \left[\psi\left(\Omega^{\Omega^\omega}\right) ight] \ \left[_{[194,185]}$	$RCA_0^* + \Pi_1^1 - CA^-$ $p_3 (ACA_0)$		FIT TID
$\vartheta\left(\Omega^\Omega ight)$	$p_{1}\left(p_{3}\left(ACA_{0}\right) \right)$		
$ heta_{(n+2)(\Omega^\omega)}0 \\ ext{[194,175,195]}$	$ACA_0 + \Pi_{n+2}^1 - BI$ $\Pi_{n+1}^1 - RFN$ $(\Pi_{n+2}^1 - BI)_0$ $(\Pi_{n+2}^1 - BI)_0^-$	$KP\omega^- + \Pi_{n+2}^{\text{set}} -\text{Foundation}$	
$\theta_{(n+2)(\Omega^{\omega})}0$ [175,195]	$\begin{array}{c} \text{ACA} + \Pi_{n+2}^1 - \text{BI} \\ \left(\Pi_{n+2}^1 - \text{BI}^-\right) \end{array}$	$KP\omega^- + IND + \Pi_{n+2}^{\text{set}} -$ -Foundation	

证明论序数	算术论体系	集合论体系	其他体系
$\psi_{\Omega_1}\left(arepsilon_{\Omega+1} ight) \ \left[\psi(\psi_1(0)) ight] \ _{[187,177]} \ _{[196-197]}$	$ACA + BI$ $ACA_0 + \Pi_1^1 - CA^-$ $\Pi_1^0 - FXP_0$	KP $KP + \Pi_2^{\text{set}} - \text{ Reflection}$ $KP + (BI^*)$ $KP + (ATR_0^*)$ CZF $KP\omega_2 \upharpoonright +\Delta_1 -CA + s\Pi_1^1 - \text{ref}$	$ID_1 \\ ID_1^2 \\ ML_1 V$
$\psi_{\Omega_1}\left(\zeta_{\Omega+1}\right)\\ \left[\psi(\Omega_2)\right]$	$RCA_0 + \forall X \exists M -$ $-(X \in M \land M \models_{\omega} -$ $-ACA + BI)$		
$\psi_{\Omega_1} \left(\Gamma_{\Omega+1} \right) \\ \left[\psi(\Omega_2^{\Omega_2}) \right] \\ {}_{[198]}$	ATR_0^{\bullet} FP_0^{\bullet} $\Sigma_1^1 - DC_0^{\bullet} + (SUB^{\bullet})$ $\Sigma_1^1 - AC_0^{\bullet} + (SUB^{\bullet})$		$\widehat{\mathrm{ID}}_{<\omega}^{ullet}$ $\mathcal{U}\left(\mathrm{ID}_{1} ight)$
$\psi_{\Omega_1} \left(\varepsilon_{\Omega_2 + 1} \right) \\ \left[\psi(\psi_2(0)) \right]$		$\mathrm{KP} + \exists \omega_1^\mathrm{ck}$	${ m ID}_2 \ { m ID}_2^2$
$\psi_{\Omega_1}\left(\Omega_\omega ight) \ \left[\psi(\Omega_\omega) ight] \ \left[{}_{187,180} ight]$	$\Pi_1^1 - CA_0$ $\Delta_2^1 - CA_0$ $RCA_0 + \Sigma_1^0 \wedge \Pi_1^0 - \det.$ $RCA_0 + \Delta_2^0 - RT$	$ ext{KPl}^r$ $ ext{KPi}^r$ $ ext{KP}eta^r$	$\operatorname{ID}_{<\omega} \left(\operatorname{ID}_{<\omega}^2\right)_0$
$\psi_0(\Omega_\omega \cdot \omega^\omega)$ $[\psi(\Omega_\omega \cdot \omega^\omega)]$ [199-200]	$\Pi_1^1 - \mathrm{CA}_0 + \Pi_2^1 - \mathrm{IND}$		
$\psi_{\Omega_1}(\Omega_\omega \cdot \varepsilon_0)$ $[\psi(\Omega_\omega \cdot \varepsilon_0)]$ [201]	$\Pi^1_1-\mathrm{CA}$	W-KPl	$W - ID_{\omega}$ $ID_{<\omega}^2$
$\psi_{\Omega_1}(\Omega_\omega \cdot \Omega)$ $[\psi(\Omega_\omega \cdot \Omega)]$ [201]	$\Pi_1^1 - \mathrm{CA} + \mathrm{BR}$		
$\psi_0(\Omega_^\omega)$ $[\psi(\Omega_^\omega)]$ [199-200]	$\Pi_1^1-\mathrm{CA}_0+\Pi_2^1-\mathrm{BI}$		
$\psi_0(\Omega_\omega^{\omega^\omega}) \ [\psi(\Omega_\omega^{\omega^\omega})] \ _{[199-200]}$	$\Pi_1^1 - CA_0 + \Pi_2^1 -BI + \Pi_3^1 - IND$		

证明论序数	算术论体系	集合论体系	其他体系
$\psi_{\Omega_1}\left(arepsilon_{\Omega_\omega+1} ight) \ \left[\psi(\psi_\omega(0)) ight] \ \left[{}_{[201\text{-}202]} ight]$	$\Pi_1^1-\mathrm{CA}+\mathrm{BI}$	KPl	ID_{ω} BID_{ω}^2
$\psi_{\Omega_1}(\Omega_{\omega^{\omega}}) \ [\psi(\Omega_{\omega^{\omega}})] \ _{[202]}$	$\Delta_2^1 - \operatorname{CR} \ \left(\Pi_1^1 - \operatorname{CA}_{<\omega^\omega}\right)$	$\mathrm{KPl}^r_{\omega^\omega}$	${ m ID}_{<\omega}{}^{\omega}$
$\psi_{\Omega_1}(\Omega_{\varepsilon_0}) \ [\psi(\Omega_{\varepsilon_0})] \ [187]$	$egin{aligned} \Delta_2^1 - \mathrm{CA} \ \Sigma_2^1 - \mathrm{AC} \ igl(\Pi_1^1 - \mathrm{CA}_{$	$ ext{KPl}_{arepsilon_0}^r \ ext{W} - ext{KPi} \ ext{W} - ext{KP}eta$	$ID_{<\varepsilon_0}$ $ID_{<\varepsilon_0}^2$ $BID_{<\varepsilon_0}^2$
$\psi_{\Omega}(\Omega_{ u\cdot\omega}) \ [\psi(\Omega_{ u\cdot\omega})] \ _{[203]}$	$\left(\Pi_1^1-\mathrm{CA}_\nu^+\right)_0$	$\mathrm{KPl}^r_{\nu+}$	$ \begin{array}{c} \operatorname{ID}_{<\nu\cdot\omega} \\ \left(\operatorname{PID}_{\nu}^{2}\right)_{0} \end{array} $
$\psi_{\Omega}(\Omega_{\gamma}\cdot\omega) \ [\psi(\Omega_{\gamma}\cdot\omega)] \ _{[203]}$	$\left(\Pi_1^1-\mathrm{CA}_{\gamma-}\right)_0$	KPl^r_γ	$\left(\mathrm{NUID}_{\gamma}^{2}\right)_{0}$
$\psi_{\Omega} \left(\Omega_{\nu \cdot \omega} \cdot \varepsilon_{0} \right)$ $\left[\psi \left(\Omega_{\nu \cdot \omega} \cdot \varepsilon_{0} \right) \right]$ [203]	$\Pi_1^1-\mathrm{CA}_\nu^+$	$W-KPl_{\nu+}$	$W - ID_{\nu\omega}$ PID_{ν}^{2}
$\psi_{\Omega_{1}}\left(\Omega_{\gamma}\cdot\varepsilon_{0}\right)$ $\left[\psi\left(\Omega_{\gamma}\cdot\varepsilon_{0}\right)\right]$ [187,203]	$egin{aligned} \left(\Pi^1_1-\operatorname{CA}_{\gamma} ight)\ \Pi^1_1-\operatorname{CA}_{\gamma-} \end{aligned}$	$W-\mathrm{KPl}_{\gamma}$	$W - ID_{\gamma}$ ID_{γ}^{2} $NUID_{\gamma}^{2}$
$\psi_{\Omega} \left(\Omega_{\nu \cdot \omega} \cdot \Omega \right)$ $\left[\psi \left(\Omega_{\nu \cdot \omega} \cdot \Omega \right) \right]$ $[203]$	$\Pi_1^1 - \mathrm{CA}_\nu^+ + \mathrm{BR}$		$PID_{\nu}^{2} + BR$
$\psi_{\Omega} \left(\Omega_{\gamma} \cdot \Omega \right)$ $\left[\psi \left(\Omega_{\gamma} \cdot \Omega \right) \right]$ $^{[203]}$	$\Pi_1^1 - CA_{\gamma-} + BR$		$\mathrm{NUID}_{\gamma}^2 + \mathrm{BR}$
$\psi_{\Omega_1} \left(\Omega_{\omega^{\gamma}} \right) \ \left[\psi \left(\Omega_{\omega^{\gamma}} \right) \right] \ \left[187 \right]$	$ \begin{aligned} \left(\Pi_1^1 - \mathrm{CA}_{\omega\gamma}\right)_0 \\ \left(\Pi_1^1 - \mathrm{CA}_{<\omega\gamma}\right) \\ \left(\Pi_1^1 - \mathrm{CA}_{<\omega\gamma}\right) + \mathrm{BI} \end{aligned} $		$ (\mathrm{ID}_{\omega^{\gamma}}^{2})_{0} \mathrm{ID}_{<\omega^{\gamma}} $ $ \mathrm{BID}_{<\omega^{\gamma}}^{2} $ $ (\mathrm{ID}_{<\nu}^{2}) + \mathrm{BI} $
$\psi_{\Omega}\left(\varepsilon_{\Omega_{\nu}+1}\right)$ $\left[\psi\left(\psi_{\nu}(0)\right)\right]$ [203]	$\left(\Pi_1^1-\mathrm{CA}_ u ight)_0$	$\mathrm{KPl}_{ u}$	$\left(\mathrm{ID}_{\nu}^{2}\right)_{0}$
$\psi_{\Omega}\left(\varepsilon_{\Omega_{\nu}+\varepsilon_{0}}\right)$ $\left[\psi\left(\psi_{\nu}(\varepsilon_{0})\right)\right]$ [203]	$\Pi^1_1-\mathrm{CA}_ u$		${ m ID}^2_ u$
$\psi_{\Omega}\left(\varepsilon_{\Omega_{\nu}+\Omega}\right)$ $\left[\psi\left(\psi_{\nu}(\Omega)\right)\right]$ [203]	$\Pi_1^1-\mathrm{CA}_{ u}+\mathrm{BR}$		${\rm ID}^2_{ u} + {\rm BR}$

证明论序数	算术论体系	集合论体系	其他体系
$\psi_{\Omega}\left(\varepsilon_{\varepsilon_{\Omega_{\nu}+1}}\right)$ $\left[\psi\left(\psi_{\nu}(\psi_{\nu}(0))\right)\right]$ $[203]$			$\mathrm{BID}^2_{ u}$
$\psi_{\Omega}\left(\varepsilon_{\Omega_{\nu+1}+1}\right)$ $\left[\psi\left(\psi_{\nu+1}(0)\right)\right]$ $\left[203\right]$	$\Pi^1_1 - \mathrm{CA}_{ u} + \mathrm{BI}$	$\mathrm{KPl}_{\nu+1}$	$ID_{\nu+1}$ $ID_{\nu}^{2} + BI$
$\psi_{\Omega}\left(\varepsilon_{\Omega_{\nu\cdot\omega}+1}\right)$ $\left[\psi\left(\psi_{\nu\cdot\omega}(0)\right)\right]$ [203]	$\Pi_1^1-CA_\nu^++BI$	$\mathrm{KPl}_{\nu+}$	$ID_{\nu\omega}$ $PID_{\nu}^{2} + BI$ $PBID_{\nu}^{2}$
$\psi_{\Omega_1}\left(arepsilon_{\Omega_{\gamma}+1} ight) \ \left[\psi\left(\psi_{\gamma}(0) ight) ight] \ \left[_{187,203-204} ight]$	$egin{aligned} \left(\Pi_1^1-\operatorname{CA}_{\gamma} ight)_0 \\ \left(\Pi_1^1-\operatorname{CA}_{\gamma} ight)+\operatorname{BI} \\ \Pi_1^1-\operatorname{CA}_{\gamma-}+\operatorname{BI} \end{aligned}$	KPl_{γ}	ID_{γ} $(ID_{\gamma}^{2})_{0}$ $ID_{\gamma}^{i}(\mathcal{O})BID_{\nu}^{2}$ $ID_{\gamma}^{2} + BI$ $NUID_{\gamma}^{2} + BI$ $NUBID_{\gamma}^{2}$
$\psi_{\Omega_1} \left(\varepsilon_{\Omega_{\Omega}+1} \right) \\ \left[\psi \left(\psi_{\Omega}(0) \right) \right] \\ {}_{[205]}$		$ ext{KPl}^*$ $ ext{KPl}^r_\Omega$	ID_{\prec^*} BID^{2*} $ID^{2*} + BI2$
$\psi_{\Omega_1}\left(\psi_I(0) ight)$ [205]	$\Pi_{1}^{1} - TR_{0}$ $\Pi_{1}^{1} - TR_{0} + \Delta_{2}^{1} - CA_{0}$ $\Delta_{2}^{1} - CA + BI (impl - \Sigma_{2}^{1})$ $\Delta_{2}^{1} - CA + BR (impl - \Sigma_{2}^{1})$ $RCA_{0} + \Delta_{2}^{0}$ -det. $RCA_{0} + \Delta_{1}^{1} - RT$	$\begin{aligned} & \text{Aut } - \text{KPl}^r \\ & \text{Aut } - \text{KPl}^r + \text{KPi}^r \\ & \text{KPi}^w + \text{FOUNDR} - \\ & - (\text{impl} - \Sigma) \\ & \text{KPi}^w + \text{FOUND} - \\ & - (\text{impl} - \Sigma) \end{aligned}$	$egin{aligned} \operatorname{Aut}-\operatorname{ID}_0^{pos} \ \operatorname{Aut}-\operatorname{ID}_0^{mon} \end{aligned}$
$\psi_{\Omega_1} \left(\psi_I(0) \cdot \varepsilon_0 \right)$ [205]	$\Pi_1^1-\mathrm{TR}$	W - Aut - KPl	$Aut - ID^{pos}$ $Aut - ID^{mon}$ $Aut - KPl^{w}$
$\psi_{\Omega_1} \left(\psi_{\Omega_{\psi_I(0)+1}}(0) \right) $ [205]	$\Pi_1^1 - \mathrm{TR} + \mathrm{BI}$	Aut - KPl	$\begin{aligned} \text{Aut} - \text{ID}_2^{pos} \\ \text{Aut} - \text{ID}_2^{mon} \\ \text{Aut} - \text{BID} \end{aligned}$
$\psi_{\Omega_{1}}\left(\psi_{I}\left(I^{\omega}\right)\right)$ [205]	$\Delta_2^1 - TR_0$ $\Sigma_2^1 - TRDC_0$ $\Delta_2^1 - CA_0 -$ $+\Sigma_2^1 - BI$		$KPi^{r} + (\Sigma - FOUND)$ $KPi^{r} + (\SigmaREC)$

证明论序数	算术论体系	集合论体系	其他体系
$\psi_{\Omega_{1}}\left(\psi_{I}\left(I^{arepsilon_{0}} ight) ight)$	$\Delta_2^1 - TR$		$\mathrm{KPi}^w + (\Sigma -$
	$\Sigma_2^1 - \text{TRDC}$		-FOUND)
[205]	$\Delta_2^1 - \mathrm{CA} -$		$\mathrm{KPi}^w + (\Sigma -$
	$+\Sigma_2^1 - \mathrm{BI}$		-REC
	Λ^1 $C\Lambda$ $+$ DI	KPi	
$\psi_{\Omega_1}\left(arepsilon_{I+1} ight) \ ag{205,187}$	$\Delta_2^1 - \text{CA} + \text{BI}$	$KP\beta$	T_0
[,]	$\Sigma_2^1 - AC + BI$	CZF + REA	
			ML_1 W
$\psi_{\Omega_1}\left(\Omega_{I+\omega}\right)$		KPi ⁺	KP_1 W
			IARI
$\psi_{\Omega_1}\left(\varepsilon_{M+1}\right)$	Λ^1 $C\Lambda + DI + (M)$	KPM	
[206]	$\Delta_2^1 - CA + BI + (M)$	CZFM	
$\psi_{\Omega_1}(\Omega_{M+\omega})$		KPM ⁺	MLM
$\psi\Omega_1$ (32 $M+\omega$)		KI W	Agda
$\Psi_{\Omega_{1}}^{0}\left(\varepsilon_{K+1}\right)$	$ACA + BI + \Pi_4^1 -$	$KP + \Pi_3^{\text{set}} -$	
[207]	$-\beta$ -model - Reflection	-Reflection	
$\Psi_{\mathbb{X}}^{\varepsilon_{\xi_n+1}}$	$ACA + BI + \Pi_{n+5}^1 -$	$\mathrm{KP} + \Pi_{n+4}^{\mathrm{set}} -$	
[207-208]	$-\beta$ -model - Reflection	-Reflection	
$\Psi_{\mathbb{X}}^{\varepsilon_{\Xi+1}}$	ACA + BI -	$\mathrm{KP} + \Pi_{\omega}^{\mathrm{set}} -$	
[208]	$-\beta$ -model - Reflection	-Reflection	
$\Psi_{\mathbb{H}}^{\varepsilon_{\Upsilon}+1}$		$KPi + \forall \alpha \exists \kappa -$	
[208]		$-\left(L_{\kappa} \prec_{1} L_{\kappa+\alpha}\right)$	
$\psi\left(\Omega_{\mathbb{S}+\omega}\right)$	$\Pi_1^1 - CA_0 + \Pi_2^1 - CA^-$	$KPl^r + \exists M -$	
[209]		$-(\operatorname{Trans}(M) \wedge M \prec_1 V)$	
$\Psi_{\mathbb{K}}^{arepsilon_{\mathbf{I}+1}}$	$\Delta_2^1 - \mathrm{CA} + \mathrm{BI} -$	$KPi + \exists M -$	
[210]	$+\Pi_2^1 - CA^-$	$-(\operatorname{Trans}(M) \wedge M \prec_1 V)$	
$\mathcal{I}_{\omega} \cap \omega_1^{\operatorname{CK}}$	$\Pi_2^1-\mathrm{CA}_0$		
[210]	$\Delta_3^1 - \mathrm{CA}_0$		
$\mathcal{I}_{\omega+1}\cap\omega_1^{ ext{CK}}$ [210]		$\mathrm{KP} + \Sigma_1^{\mathrm{set}} -$	
	$\Pi_2^1 - \mathrm{CA} + \mathrm{BI}$	-Separation	
	2	$KPi + \forall \alpha \exists \beta -$	
		$-\beta > \alpha(\beta \text{ stable })$	
$\mathcal{I}_{arepsilon_0}\cap\omega_1^{ ext{CK}}$	$\Delta_3^1 - \mathrm{CA}$		
[210]	$\Sigma_3^1 - AC$		

证明论序数	算术论体系	集合论体系	其他体系
maybe	$\Delta_3^1 - \text{CA} + \text{BI}$	$ ext{KP} + \Delta_2^{ ext{set}} -$	
$\psi_{\Omega}\left(arepsilon_{\mathbb{I}+1} ight)$	$\Sigma_3^1 - AC + BI$	-Separation	
	$\Sigma_3^1 - \mathrm{DC} + \mathrm{BI}$	_	
$\psi_{\Omega}\left(arepsilon_{\mathbb{I}+1} ight)$		$ ext{KP} + \Pi_1^{ ext{set}} -$	
		-Collection	
	$\Pi_{n+3}^1 - \mathrm{CA} + \mathrm{BI}$	$\mathrm{KP} + \Sigma_{n+2}^{\mathrm{set}} -$	
		$-Separation$ $KP^{-} + \Sigma_{n+2}^{set} -$	
	$\Pi^1_{n+3} - \mathrm{CA} -$		
	$+\Sigma_{n+3}^1 - AC + BI$	-Separation $+\sum_{n+2}^{\text{set}}$	
		$-\text{Collection}$ $\text{KP} + \Sigma_{\omega}^{\text{set}} -$	
		- Separation	
	7 П1 СА		
	$Z_2 = \Pi_{\infty}^1 - CA$	$\mathrm{KP} + \Sigma_{\omega}^{\mathrm{set}} -$	
	$\Delta_1^2 - \mathrm{CA}_0$	-Separation $+\Sigma_{\omega}^{\text{set}}$ -	
	$Z_2 + \Sigma_{\infty}^1 - AC$	-Collection	
		$ZFC^- := ZFC-$	
	7 7 ⁿ⁺² 01	- Powerset	
	$\mathbf{Z}_{n+3} = \mathbf{\Pi}_{\infty}^{n+2} - \mathbf{C}\mathbf{A}$	$ZFC^- + V = L -$	
	$\Delta_1^{n+3} - \mathrm{CA}_0$	$+\exists \omega_{n+1}$	
	7 H [∞] CA	Z	
	$Z_{\infty} = \Pi_0^{\infty} - CA$	ZC	
		IZ $IZF = CZF -$	
		$+$ Powerset $+\Pi_{\omega}^{\text{set}}$ $-$	
		-Separation	
		ZF = CZF + LEM -	
		= IZF + LEM	
		ZFC	
		ZFC + V = L	
		AST	
		IST	
		NBG = GBC	
		GB	

D.2 ZFC 相关证明论序数

对于这一部分序数,我们还不了解其具体取值,各个序数之间的顺序也是相对粗糙的。 本节的内容可以为大基数表提供参考。

证明论序数
ZFC = ZF + (Choice)
NBG = GBC = GB + (Global Choice)
ZFC + (there is a worldly cardinal)
NBG+ (there is a stationary proper class of worldly cardinals)
NBG+(Class Forcing Theorem)
NBG+(Clopen Class Game Determinacy)
$MK = NBG + (\Pi_{\infty}^{class} - CA)$
ZFC+ (there is an inaccessible cardinal)
$\mathrm{ZFC} + (\Pi_1^1 \ \mathrm{Perfect} \ \mathrm{Set} \ \mathrm{Property} \)$
$\mathrm{ZFC} + (\Sigma^1_3 \ \mathrm{Lebesgue} \ \mathrm{measurability} \)$
${\rm ZFC}+({\rm there~are~}\omega{\rm inaccessible~cardinals})$
$ZFC + (\forall \alpha (\omega \leq \alpha \leq \aleph_{\omega} \Rightarrow V_{\alpha} \cap L = \alpha))$
ZFC+ (there is a proper class of inaccessible cardinals)
ZFC+(Grothiendieck Universe Axiom)
ZFC + (there is a Σ_n^{set} -reflecting cardinal)
ZFC+ (there is a $\sigma_{\omega}^{\rm set}$ -reflecting cardinal)
ZFC+ (Ord is Mahlo)
ZFC + (there is an uplifting cardinal)
ZFC+(Resurrection Axioms)
ZFC + (there is a Mahlo cardinal)
$SMAH = ZFC + (there is a n-Mahlo cardinal)_{n \in \mathbb{N}}$
NFUA = NFU + (Infinity) + (Cantorian Sets)
$SMAH^+ = ZFC + \forall n (there is a n-Mahlo cardinal)$
MK + (Ord is weakly compact)
$GPK_{\infty}^{+} = GPK^{+} + (Infinity)$
NFUB = NFU + (Infinity) + (Cantorian Sets) + (Small Ordinals)
${\rm ZFC}+({\rm \ there\ is\ a\ weakly\ compact\ cardinal\ })$
$\mathrm{ZFC} + (\omega_2 \text{ has the tree property })$
ZFC + (there is a totally indescribable cardinal)
$\mathrm{ZFC}+(\mathrm{\ there\ is\ a\ subtle\ cardinal\ })$
ZFC + (there is an ineffable cardinal)
ZFC + $\forall \alpha (\alpha < \omega_1 \Rightarrow \text{ there is a } \alpha\text{-Erd\"{o}s cardinal })$

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证明论序数
                                        ZFC + (0^{\sharp} \text{ exists })
                                  ZFC + (L \models \aleph_{\omega} \text{ is regular })
                            ZFC + \forall \alpha \ (\alpha \geq \omega \Longrightarrow |V_{\alpha} \cap L| = |\alpha|)
                          ZFC+ (parameter-free \Sigma_1^1-determinacy)
                               ZFC + \forall x (x \in \mathbb{R} \Longrightarrow x^{\sharp} \text{ exists })
                                   ZFC + (\Sigma_1^1 - determinacy)
                                      ZFC + \forall x \ (x^{\sharp} \text{ exists })
                               ZFC + (\Sigma_2^1 \text{ universal Baireness })
                           ZFC + ( there is an \omega_1-Erdős cardinal)
                                  ZFC+(Chang's Conjecture)
 SRP = ZFC + ( there is cardinal with the n-stationary Ramsey property )_{n \in \mathbb{N}}
SRP^+ = ZFC + \forall n (there is a cardinal with the n-stationary Ramsey property)
                                  MK + (Ord is measurable)
      NFUM = NFU + (Infinity) + (Large Ordinals) + (Small Ordinals)
                    ZFM = ZFC + ( there is a measurable cardinal )
                                 ZFC + (NS_{\omega_1} \text{ is precipitous })
                                    ZF + (\omega_1 \text{ is measurable })
            ZFC + (there is a measurable cardinal \kappa such that o(\kappa) = 2)
                                 {\rm ZFC} + ({\rm NS}_{\omega_2} \mbox{ is precipitous })
          ZFC + (there is a measurable cardinal \kappa such that o(\kappa) = \kappa^{++})
                                           ZFC + \neg SCH
                                      ZFC + (2^{\aleph_{\omega}} = \aleph_{\omega+2})
                                    ZFC + (Ord is Woodin)
                                           \mathrm{ZFC} + \neg \mathrm{SCH}
                            Z_2 + (\Delta_2^1 - \text{determinacy}) \text{ (conjectural)}
                                     MK + (Ord is Woodin)
                                           ZFC + \neg SCH
                               Z_3+ (lightface \Delta_2^1-determinacy)
                                    NBG + (Ord is Woodin)
                                           ZFC + \neg SCH
                                     Z_3 + (\Delta_2^1 - determinacy)
                            ZFC + ( there is a Woodin cardinal )
                                   ZFC + (\Delta_2^1 - determinacy)
                                        ZFC + (OD \models AD)
                                ZFC + (NS_{\omega_1} \text{ is } \omega_2\text{-saturated })
                        ZFC + ( there are n Woodin cardinals )_{n \in \mathbb{N}}
                                              Z_2 + (PD)
```

证明论序数 $ZFC+ \text{ (there are } \omega \text{ Woodin cardinals)}$ $ZF + (AD)$ $ZFC + (L(\mathbb{R}) \models AD)$ $ZFC + (OD(\mathbb{R}) \models AD)$ $ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\omega_1)\text{-strongly compact)}$ $ZFC + (NS_{\omega_1} \text{ is } \omega_1\text{-dense})$ $ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\mathbb{R})\text{-strongly compact})$ $ZF + DC + (\Delta_1 \text{ is } \mathcal{P}(\mathbb{R})\text{-strongly compact})$ $ZF + DC + (AD_{\mathbb{R}})$ $ZFC + \text{ (there is a superstrong cardinal)}$
$ZF + (AD)$ $ZFC + (L(\mathbb{R}) \models AD)$ $ZFC + (OD(\mathbb{R}) \models AD)$ $ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\omega_1)\text{-strongly compact})$ $ZFC + (NS_{\omega_1} \text{ is } \omega_1\text{-dense})$ $ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\mathbb{R})\text{-strongly compact})$ $ZF + DC + (\Delta D_{\mathbb{R}})$
$ZFC + (L(\mathbb{R}) \models AD)$ $ZFC + (OD(\mathbb{R}) \models AD)$ $ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\omega_1)\text{-strongly compact})$ $ZFC + (NS_{\omega_1} \text{ is } \omega_1\text{-dense})$ $ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\mathbb{R})\text{-strongly compact})$ $ZF + DC + (AD_{\mathbb{R}})$
$ZFC + (OD(\mathbb{R}) \models AD)$ $ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\omega_1)\text{-strongly compact})$ $ZFC + (NS_{\omega_1} \text{ is } \omega_1\text{-dense})$ $ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\mathbb{R})\text{-strongly compact})$ $ZF + DC + (AD_{\mathbb{R}})$
$ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\omega_1)\text{-strongly compact})$ $ZFC + (NS_{\omega_1} \text{ is } \omega_1\text{-dense})$ $ZF + DC + (\omega_1 \text{ is } \mathcal{P}(\mathbb{R})\text{-strongly compact})$ $ZF + DC + (AD_{\mathbb{R}})$
ZF + DC + (ω_1 is $\mathcal{P}(\mathbb{R})$ -strongly compact) ZF + DC + (AD $_{\mathbb{R}}$)
$\mathrm{ZF}+\mathrm{DC}+(\mathrm{AD}_{\mathbb{R}})$
ZFC+ (there is a superstrong cardinal)
(· · · · · · · · · · · · · · · · · · ·
ZFC + (there is a subcompact cardinal)
$\operatorname{ZFC} + (V = L[\vec{E}]) + \exists \kappa (\neg \Box_{\kappa})$
ZFC + (there is a strongly compact cardinal)
ZFC + (Proper Forcing Axiom)
ZFC + (there is a supercompact cardinal)
ZFC+(Martin's Maximum)
$ZFC + \forall n$ (there is a proper class of $C^{(n)}$ -extendible cardinals)
ZFC+(Vopěnka's Principle)
ZFC + (there is a high-jump cardinal)
$HUGE = ZFC + (there is a n-huge cardinal)_{n \in \mathbb{N}}$
$ZFC + (Wholeness Axiom WA_n)$
$ZFC + I3 = ZFC + \exists \lambda (E_0(\lambda))$
$ZFC + I2 = ZFC + \exists \lambda (E_1(\lambda))$
$ZFC + I1 = ZFC + \exists \lambda (E_{\omega}(\lambda))$
ZFC + I0
$\mathrm{ZF} + \mathrm{DC} + \exists \lambda \exists j : V_{\lambda+2} \prec_{\Sigma_{\omega}^{\mathrm{set}}} V_{\lambda+2}$
$\mathrm{ZF}_{j}+\mathrm{DC}+($ there is a Reinhardt cardinal $)$
$\mathrm{ZF} + \mathrm{DC} + ($ there is a Berkeley cardinal $)$

附录 E 有名字的序数

本附录内容引自[211,62],有所改动。本附录内容更新至 2025 年。

名称	取值
首个超限序数 (First Transfinite Ordinal) (FTO)	$(0)(1)$ ω
线性数阵序数 (Linar Array Ord) (LAO)	$(0)(1)(2)$ ω^{ω}
小 Cantor 序数 (Small Cantor's Ordinal) (SCO)	$(0,0)(1,1)$ ε_0 $\phi(1,0)$ $\psi(0) \text{ (MOCF)}$ $\psi(\Omega) \text{ (BOCF)}$
Cantor 序数 (Cantor's Ordinal) (CO)	$(0,0)(1,1)(2,1)$ ζ_0 $\phi(2,0)$ $\psi(\Omega) \text{ (MOCF)}$ $\psi(\Omega^2) \text{ (BOCF)}$
大 Cantor 序数 (Large Cantor's Ordinal) (LCO)	$(0,0)(1,1)(2,1)(2,1)$ η_0 $\phi(3,0)$ $\psi(\Omega^2) \; (\mathrm{MOCF})$ $\psi(\Omega^3) \; (\mathrm{BOCF})$
超 Cantor 序数 (Hyper Cantor's Ordinal) (HCO)	$(0,0)(1,1)(2,1)(3,0)$ $\varphi(\omega,0)$ $\psi(\Omega^{\omega}) \text{ (MOCF)}$ $\psi(\Omega^{\omega}) \text{ (BOCF)}$

名称	取值
	(0,0)(1,1)(2,1)(3,1)
Feferman-Schütte 序数	arphi(1,0,0)
(Feferman-Schütte Ordinal)	Γ_0
(FSO)	$\psi(\Omega^\Omega) \; (ext{MOCF})$
	$\psi(\Omega^{\Omega})$ (BOCF)
N. 181	(0,0)(1,1)(2,1)(3,1)(3,1)
Ackermann 序数	arphi(1,0,0,0)
(Acceptance)	$\psi(\Omega^{\Omega^2}) \; (\mathrm{MOCF})$
(ACO)	$\psi(\Omega^{\Omega^2})$ (BOCF)
	(0,0)(1,1)(2,1)(3,1)(4,0)
小 Veblen 序数	$arphi(1@\omega)$
(Small Veblen Ordinal)	$\psi(\Omega^{\Omega^{\omega}})$ (MOCF)
(SVO)	$\psi(\Omega^{\Omega^{\omega}})$ (BOCF)
	(0,0)(1,1)(2,1)(3,1)(4,1)
大 Veblen 序数	arphi(1@(1,0))
(Large Veblen Ordinal) (LVO)	$\psi(\Omega^{\Omega^{\Omega}})$ (MOCF)
(LVO)	$\psi(\Omega^{\Omega^{\Omega}})$ (BOCF)
扩展小 Veblen 序数	(0,0)(1,1)(2,1)(3,1)(4,1)(5,0)
(Extended Small Veblen Ordinal)	$\psi(\Omega^{\Omega^{\Omega^{\omega}}})$ (MOCF)
(ESVO)	$\psi(\Omega^{\Omega^{\omega}})$ (BOCF)
扩展大 Veblen 序数	(0,0)(1,1)(2,1)(3,1)(4,1)(5,1)
(Extended Large Veblen Ordinal)	$\psi(\Omega^{\Omega^{\Omega^{\Omega}}}) \text{ (MOCF)}$
(ELVO)	$\psi(\Omega^{\Omega^{\Omega}})$ (BOCF)
Bachmann-Howard 序数	(0,0)(1,1)(2,2)
(Bachmann-Howard Ordinal)	$\psi\left(\psi_1(0)\right) \text{ (MOCF)}$
(BHO)	$\psi(\Omega_2)$ (BOCF)
Buchholz 序数	(0,0,0)(1,1,1)
(Buchholz's Ordinal)	$\psi\left(\Omega_{\omega}\right) \text{ (MOCF)}$
(BO)	$\psi(\Omega_{\omega})$ (BOCF)
Takeuti-Feferman-Buchholz 序数	(0,0,0)(1,1,1)(2,1,0)(3,2,0)
(Takeuti-Feferman-Buchholz's	$\psi\left(\psi_{\omega}(0)\right) \text{ (MOCF)}$
Ordinal)	$\psi(\Omega_{\omega+1})$ (BOCF)
(TFBO)	/ (~ / -/ (/

名称	取值
Bird 序数	(0,0,0)(1,1,1)(2,1,1)(3,1,0)
(鸟之序数)	$\psi\left(\Omega_{\Omega}\right)$ (MOCF)
(Bird's Ordinal)	$\psi(\Omega_{\Omega}) \; (\mathrm{BOCF})$
(BIO)	
扩展 Buchholz 序数	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(2,0,0)
(Extended Buchholz's Ordinal) (EBO)	$\psi\left(\psi_{I}(0)\right) \text{ (M-like)}$
` ,	$\psi(I)$ (B-like)
Jäger 序数	(0,0,0)(1,1,1)(2,1,1)(3,1,0)(4,2,0)
(Jäger's Ordinal)	$\psi\left(\psi_{\Omega_{I+1}}(0)\right)$ (M-like)
(JO)	$\psi\left(\Omega_{I+1}\right)$ (B-like)
小不可达序数	(0,0,0)(1,1,1)(2,1,1)(3,1,1)
(Small Inaccessible Ordinal)	$\psi(I_{\omega})$ (M-like)
(SIO)	$\psi(I_{\omega})$ (B-like)
多重 Buchholz 序数	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,0,0)
(Mutiply Buchholz's Ordinal)	$\psi\left(I(\omega,0)\right) \text{ (M-like)}$
(MBO)	$\psi(I(\omega,0))$ (B-like)
超限 Buchholz 序数	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)(2,0,0)
(Transfinty Buchholz's Ordinal)	$\psi\left(\psi_{I(1,0,0)}(0)\right) \text{ (M-like)}$
(TBO)	$\psi(I(1,0,0))$ (B-like)
小 Rathjen 序数	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,0)(4,2,0)
(Small Rathjen's Ordinall)	$\psi\left(\psi_{\Omega_{M+1}}(0)\right) \text{ (M-like)}$
(SRO)	$\psi\left(\Omega_{M+1}\right)$ (B-like)
小 Mahlo 序数	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)
(Small Mahlo Ordinall)	$\psi\left(M_{\omega}\right) \text{ (M-like)}$
(SMO)	$\psi\left(M_{\omega}\right) \text{ (B-like)}$
小不可交换序数	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(3,1,1)
(Small Nonconvertible Ordinal)	$\psi(1-2-2-2)$
(SNO)	$\psi\left(N_{\omega}\right) \; (ext{M-like})$
(52.0)	$\psi\left(N_{\omega}\right) \text{ (B-like)}$
D. A.t	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,0)(5,2,0)
Rathjen 序数 (Rathjen's Ordinal)	$\psi(2 \text{ aft } 3)$
(RO)	$\psi\left(\psi_{\Omega_{K+1}}(0)\right)$ (M-like)
(100)	$\psi\left(\Omega_{K+1}\right)$ (B-like)

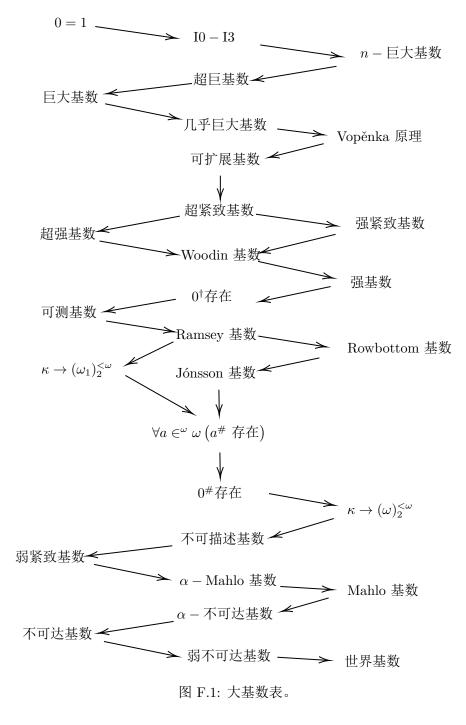
名称	取值
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)(4,1,1)
小弱紧致序数	$\psi(1-3)$
(Small Weakly Compect Ordinal)	$\psi\left(K_{\omega} ight) \; ext{(M-like)}$
(SKO)	$\psi\left(K_{\omega}\right)$ (B-like)
	(0,0,0)(1,1,1)(2,1,1)(3,1,1)-
Duchhart 序数	-(4,1,1)(5,1,0)(6,2,0)
(Duchhart's Ordinal)	$\psi(2 ext{ aft } 4)$
(DO)	$\psi\left(\psi_{\Omega_{\Pi_A+1}}(0)\right) \text{ (M-like)}$
	$\psi\left(\Omega_{\Pi_4+1}\right)$ (B-like)
 小 Stegert 序数	(0,0,0)(1,1,1)(2,2,0)
(Small Stegert Ordinal)	$\psi(\Pi_\omega)$
(SSO)	$\psi\left(\lambda\alpha.(\alpha+1)-\Pi_0\right)$
大 Stegert 序数	
(Large Stegert Ordinal)	(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,0)(2,0,0)
(LSO)	$\psi\left(\lambda\alpha.(\alpha\cdot2)-\Pi_0\right)$
容许-非递归分离序数	
(Admissible-parameter free	(0,0,0)(1,1,1)(2,2,0)(3,2,0)(4,1,1)
effective cardinal Ordinal)	$\psi\left(\Pi_1 - (\lambda\alpha.\Omega_{\alpha+1} - \Pi_1)\right)$
(APO) 首个返回序数	
自不返回庁奴 (1st Back Gear Ordinal)	(0,0,0)(1,1,1)(2,2,1)
(BGO)	$\psi\left(\Pi_1-(\lambdalpha.\Omega_{lpha+2}-\Pi_1) ight)$
	(0,0,0)/1,1,1)/0,0,1)/0,0,0)
(Small Dropping Ordinal)	(0,0,0)(1,1,1)(2,2,1)(3,0,0)
(SDO)	$\psi \left(\lambda \alpha . \Omega_{\alpha + \omega} - \Pi_0 \right)$
大下降序数	(0,0,0)(1,1,1)(2,2,1)(3,2,0)
(Large Dropping Ordinal)	$\psi\left(\lambda\alpha.\Phi(1,\alpha+1)-\Pi_0\right)$
(LDO)	φ (παιτ (1, α + 1) - 110)
双重 +1 稳定序数	(0,0,0)(1,1,1)(2,2,1)(3,3,0)
(Doubly +1 Stable Ordinal) (DSO)	$\psi\left(\lambda\alpha.\left(\lambda\beta.(\beta+1)-\Pi_0\right)-\Pi_0\right)$
(Triply +1 Stable Ordinal)	(0,0,0)(1,1,1)(2,2,1)(3,3,1)(4,4,0)
(TSO)	$\psi \left(\lambda \alpha. \left(\lambda \beta. \left(\lambda \gamma. (\gamma + 1) - \Pi_0 \right) - \Pi_0 \right) - \Pi_0 \right)$

名称	取值	
大 Rathjen 序数		
(Large Rathjen's Ordinal)		
(LRO)		
或称为		
赝大 Rathjen 序数		
(pseudo Large Rathjen's Ordinal)	(0,0,0)(1,1,1)(2,2,2)	
(pseudo LRO)	$\psi \left(\omega -\pi -\Pi _{0} ight)$	
(pLRO)	, (),	
或称为		
小 Bashicu 序数		
(Small Bashicu Ordinal)		
(SBO)		
最小 ∑2 稳定序数	(0,0,0)(1,1,1)(0,0,0)(2,0,0)(4,0,0)(4,0,1)	
$(\min \Sigma_2 \text{ Ordinal})$	(0,0,0)(1,1,1)(2,2,2)(3,2,2)(4,2,2)(4,2,1)	
(M2O)	$\psi\left(\psi_a\left(\psi_b\left(a_{b+1}^{\Omega_{b+1}}\cdot\omega\right)\right)\right)$	
三行矩阵系统序数	(0,0,0,0)(1,1,1,1)	
(Trio Sequence System Ordinal)	(0,0,0,0)(1,1,1,1)	
(TSSO)	ψ (pseudo. ω – projection)	
大常规投影序数	(0,0,0,0)(1,1,1,1)(2,1,1,1)(2,1,0,0)(2,0,0,0)	
(Large Simple Projection Ordinal)	(0,0,0,0)(1,1,1,1)(2,1,1,1)(3,1,0,0)(2,0,0,0)	
(LSPO)	$\psi(\min \alpha \text{ is } \alpha - \text{projection })$	
大 Omega 返回序数		
(Big Omega Back Ordinal)	(0,0,0,0)(1,1,1,1)(2,2,2,2)	
(BOBO)		
四行矩阵系统序数		
(Quardo Sequence System Ordinal)	(0,0,0,0,0)(1,1,1,1,1)	
(QSSO)		
小 Hydra 序数	limit of BMS	
(Small Hydra Ordinal)		
(SHO)	Y(1,3)	
Ω 行矩阵系统序数		
(Ω Sequence System Ordinal)	Y(1,3,4,2,5,8,10)	
(ΩSSO)		
禁戒 Hydra 序数		
(No-Go Hydra Ordinal)		
(GHO)		
或称为	Y(1, 3, 4, 3)	
过不去的 Hydra 序数	, , , , , , , , , , , , , , , , , , ,	
(Guo Bu Qu De Hydra Ordinal)		
(GBO)		

名称	取值
小 Y 序列序数	
(Small Y-Sequence Ordinal)	$\mathrm{Y}(1,\omega)$
(SYO)	
中等 Hydra 序数	
(Medium Hydra Ordinal)	$\omega - \mathrm{Y}(1,\omega)$
(MHO)	
三重 CA 序数	
(Tribly CA Ordinal)	$\mathrm{PTO}\left(\left(\Pi_{3}^{1}-\mathrm{CA} ight)_{0} ight)$
(TCAO)	
Z ₂ 序数	
(Beta Universe Ordinal)	$\mathrm{PTO}\left(\mathrm{Z}_{2} ight)$
(βO)	
Church-Kleene 序数	$\omega_1^{ ext{CK}}$
(Church-Kleene Ordinal)	
(CKO)	Ω
首个不可数序数	
(First Uncountable Ordinal)	ω_1
(FUO)	

附录 F 大基数表

本表引自文献^[212],略有改动。箭头表示两种基数间的直接蕴含或者相对一致性蕴含,或者二者皆有。



附录 G 不同时期记号排名

本表内容引自^[213],更新至 2024 年。2014 年以前选取大数记号的前 30 名与序数记号的前 15 名,2014 年之后不区分大数记号与序数记号,共选取前 40 名,2024 年之后选取前 50 名。表中的排行为历史强度,即"在当年看来,各个记号之间的相对强度"。随着时间推 移发现各个记号强度与预期不同的,不再改变此前的记录,而只在之后的记录之中更新。此前认为良定义的记号,在发现不良定义后将从榜单中除去。同一记号有多个不同版本的,只记录当年的最强版本。表中不包含非递归记号、不可计算函数和证明论序数,对于一些重要的记号只在提出当年额外作一说明。

G.1 1980 年

排名	名称	提出者
	大数	
1	Graham's Function $G(n)$	Ronald Graham
2	Graham's Function $g(n)$	Ronald Graham
3	Hyperlicious Function	-
4	Ackermann's Function	Wilhelm Ackermann
5	Knuth's Up-Arraw	Donald Ervin Knuth
6	Hyper Operation	-
7	Down-Arraw	Donald Ervin Knuth
8	Sudan function	Sudan
9	Gödel numbers	Gödel
10	Grzegorczyk's hierarchy	Grzegorczyk
11	$G_n + 2(n)$ function	Milton Green
12	$B_n(n)$ function	Milton Green
13	$M_n + 2(n)$ function	Milton Green

排名	名称	提出者
14	Peter's function	Rosza Peter
15	Robinsion's function	Raphael M. Robinson
16	Buck's function	Buck
17	Robert's function	Robert Ritchie
18	Meyer-Ritchie function	Meyer, Robert Ritchie
19	Mixed Factorial	-
20	Moser's Polygon Notation	Leo Moser
21	Pentiration	-
22	Old Polygon Notation	Leo Moser
23	Left tower	-
24	Tetration	Hans Maurer
25	Iterative Factorial	-
26	Power Towers	-
27	-yillion System	Donald Ervin Knuth
28	-illion System	-
29	HuaYan Sutra	-
30	Hyper Factorial	-
	序数	
1	Ordinal diagrams	Gaisi Takeuti
2	Feferman's θ	Fefermann
3	Bachmann's ψ	Bachmann
4	Veblen Function	Oswald Veblen
5	Γ function	-
6	Doubly variables Veblen Function	Oswald Veblen
7	η function	_
8	ζ function	-

排名	名称	提出者
9	ε function	-
10	Hardy Hierarchy	Stanley S.Wainer
11	ω with operation	-
12	ω^n	-
13	$\omega \cdot n$	-
14	$\omega + n$	-
15	n	-

G.2 1981 年

排名	名称	提出者
	大数	
1	Graham's Function $G(n)$	Ronald Graham
2	Graham's Function $g(n)$	Ronald Graham
3	Hyperlicious Function	-
4	Ackermann's Function	Wilhelm Ackermann
5	Knuth's Up-Arraw	Donald Ervin Knuth
6	Hyper Operation	_
7	Down-Arraw	Donald Ervin Knuth
8	Sudan function	Sudan
9	Gödel numbers	Gödel
10	Grzegorczyk's hierarchy	Grzegorczyk
11	$G_n + 2(n)$ function	Milton Green
12	$B_n(n)$ function	Milton Green
13	$M_n + 2(n)$ function	Milton Green
14	Peter's function	Rosza Peter
15	Robinsion's function	Raphael M. Robinson

排名	名称	提出者
16	Buck's function	Buck
17	Robert's function	Robert Ritchie
18	Meyer-Ritchie function	Meyer, Robert Ritchie
19	Mixed Factorial	-
20	Moser's Polygon Notation	Leo Moser
21	Pentiration	-
22	Old Polygon Notation	Leo Moser
23	Left tower	-
24	Tetration	Hans Maurer
25	Iterative Factorial	-
26	Power Towers	-
27	-yillion System	Donald Ervin Knuth
28	-illion System	-
29	HuaYan Sutra	_
30	Hyper Factorial	-
	序数	
1	Ordinal diagrams	Gaisi Takeuti
2	Feferman's θ	Fefermann
3	1st Catching Point of G/F	Girard
4	Bachmann's ψ	Bachmann
5	Veblen Function	Oswald Veblen
6	Γ function	-
7	Doubly variables Veblen Function	Oswald Veblen
8	η function	-
9	ζ function	-
10	ε function	-

排名	名称	提出者
11	Hardy Hierarchy	Stanley S.Wainer
12	ω with operation	-
13	ω^n	-
14	$\omega \cdot n$	-
15	$\omega + n$	-

G.3 1982 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Graham's Function $G(n)$	Ronald Graham
3	Graham's Function $g(n)$	Ronald Graham
4	Hyperlicious Function	-
5	Ackermann's Function	Wilhelm Ackermann
6	Knuth's Up-Arraw	Donald Ervin Knuth
7	Hyper Operation	-
8	Down-Arraw	Donald Ervin Knuth
9	Sudan function	Sudan
10	Gödel numbers	Gödel
11	Grzegorczyk's hierarchy	Grzegorczyk
12	$G_n + 2(n)$ function	Milton Green
13	$B_n(n)$ function	Milton Green
14	$M_n + 2(n)$ function	Milton Green
15	Peter's function	Rosza Peter
16	Robinsion's function	Raphael M. Robinson
17	Buck's function	Buck

排名	名称	提出者
18	Robert's function	Robert Ritchie
19	Meyer-Ritchie function	Meyer, Robert Ritchie
20	Mixed Factorial	-
21	Moser's Polygon Notation	Leo Moser
22	Pentiration	-
23	Old Polygon Notation	Leo Moser
24	Left tower	-
25	Tetration	Hans Maurer
26	Iterative Factorial	-
27	Power Towers	-
28	-yillion System	Donald Ervin Knuth
29	-illion System	-
30	HuaYan Sutra	-
	序数	
1	Ordinal diagrams	Gaisi Takeuti
2	Feferman's θ	Fefermann
3	1st Catching Point of G/F	Girard
4	Bachmann's ψ	Bachmann
5	Veblen Function	Oswald Veblen
6	Γ function	-
7	Doubly variables Veblen Function	Oswald Veblen
8	η function	-
9	ζ function	-
10	ε function	-
11	Hardy Hierarchy	Stanley S.Wainer
12	g Hierarchy	Girard

排名	名称	提出者
13	ω with operation	-
14	ω^n	-
15	$\omega \cdot n$	-

G.4 1983 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Graham's Function $G(n)$	Ronald Graham
3	Graham's Function $g(n)$	Ronald Graham
4	Hyperlicious Function	-
5	Ackermann's Function	Wilhelm Ackermann
6	Knuth's Up-Arraw	Donald Ervin Knuth
7	Hyper Operation	-
8	Down-Arraw	Donald Ervin Knuth
9	Sudan function	Sudan
10	Gödel numbers	Gödel
11	Grzegorczyk's hierarchy	Grzegorczyk
12	$G_n + 2(n)$ function	Milton Green
13	$B_n(n)$ function	Milton Green
14	$M_n + 2(n)$ function	Milton Green
15	Peter's function	Rosza Peter
16	Robinsion's function	Raphael M. Robinson
17	Buck's function	Buck
18	Robert's function	Robert Ritchie
19	Meyer-Ritchie function	Meyer, Robert Ritchie

排名	名称	提出者
20	Mixed Factorial	-
21	Moser's Polygon Notation	Leo Moser
22	Pentiration	-
23	Old Polygon Notation	Leo Moser
24	Left tower	-
25	Tetration	Hans Maurer
26	Iterative Factorial	-
27	Power Towers	-
28	-yillion System	Donald Ervin Knuth
29	-illion System	-
30	HuaYan Sutra	-
	序数	
1	Ordinal diagrams	Gaisi Takeuti
2	Feferman's θ	Fefermann
3	1st Catching Point of G/F	Girard
4	Bachmann's ψ	Bachmann
5	Veblen Function	Oswald Veblen
6	Γ function	-
7	Doubly variables Veblen Function	Oswald Veblen
8	η function	-
9	ζ function	
10	ε function	-
11	Hardy Hierarchy	Stanley S.Wainer
12	g Hierarchy	Girard
13	ω with operation	-
14	ω^n	-

排名	名称	提出者
15	$\omega \cdot n$	-

G.5 1984 年

排名	名称	提出者
111.411		жшн
	大数 	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Mixed Factorial	-

排名	名称	提出者
22	Moser's Polygon Notation	Leo Moser
23	Pentiration	-
24	Old Polygon Notation	Leo Moser
25	Left tower	-
26	Tetration	Hans Maurer
27	Iterative Factorial	-
28	Power Towers	-
29	-yillion System	Donald Ervin Knuth
30	-illion System	-
	序数	
1	Ordinal diagrams	Gaisi Takeuti
2	Feferman's θ	Fefermann
3	1st Catching Point of G/F	Girard
4	Bachmann's ψ	Bachmann
5	Veblen Function	Oswald Veblen
6	Γ function	-
7	Doubly variables Veblen Function	Oswald Veblen
8	η function	-
9	ζ function	-
10	ε function	-
11	FGH below ε_0	Rose
12	Hardy Hierarchy	Stanley S.Wainer
13	g Hierarchy	Girard
14	ω with operation	-
15	ω^n	-

G.6 1985 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Mixed Factorial	-
22	Moser's Polygon Notation	Leo Moser
23	Pentiration	-
24	Old Polygon Notation	Leo Moser

排名	名称	提出者
25	Left tower	-
26	Tetration	Hans Maurer
27	Iterative Factorial	-
28	Power Towers	-
29	-yillion System	Donald Ervin Knuth
30	-illion System	-
	序数	
1	Ordinal diagrams	Gaisi Takeuti
2	Feferman's θ	Fefermann
3	1st Catching Point of G/F	Girard
4	Bachmann's ψ	Bachmann
5	Veblen Function	Oswald Veblen
6	Γ function	-
7	Doubly variables Veblen Function	Oswald Veblen
8	η function	-
9	ζ function	-
10	ε function	-
11	FGH below ε_0	Rose
12	Hardy Hierarchy	Stanley S.Wainer
13	g Hierarchy	Girard
14	ω with operation	-
15	ω^n	-

G.7 1986 年

排名	名称	提出者
	大数	

排名	名称	提出者
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Mixed Factorial	-
22	Moser's Polygon Notation	Leo Moser
23	Pentiration	-
24	Old Polygon Notation	Leo Moser
25	Left tower	-
26	Tetration	Hans Maurer

排名	名称	提出者
27	Iterative Factorial	-
28	Power Towers	-
29	-yillion System	Donald Ervin Knuth
30	-illion System	-
	序数	
1	Ordinal diagrams	Gaisi Takeuti
2	Feferman's θ	Fefermann
3	Buchholz's ψ Function	Wilfried Buchholz
4	1st Catching Point of G/F	Girard
5	Madore's ψ Function	Madore
6	Bachmann's ψ	Bachmann
7	Veblen Function	Oswald Veblen
8	Γ function	-
9	Doubly variables Veblen Function	Oswald Veblen
10	η function	-
11	ζ function	-
12	ε function	-
13	FGH below ε_0	Rose
14	Hardy Hierarchy	Stanley S.Wainer
15	g Hierarchy	Girard
		•

G.8 1987 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris

排名	名称	提出者
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
22	Mixed Factorial	-
23	Moser's Polygon Notation	Leo Moser
24	Pentiration	-
25	Old Polygon Notation	Leo Moser
26	Left tower	-
27	Tetration	Hans Maurer
28	Iterative Factorial	-

排名	名称	提出者
29	Power Towers	-
30	-yillion System	Donald Ervin Knuth
	序数	
1	Buchholz's Φ	Wilfried Buchholz
2	Ordinal diagrams	Gaisi Takeuti
3	Feferman's θ	Fefermann
4	Buchholz's Hydra	Wilfried Buchholz
5	Buchholz's ψ Function	Wilfried Buchholz
6	1st Catching Point of G/F	Girard
7	Madore's ψ Function	Madore
8	Bachmann's ψ	Bachmann
9	Veblen Function	Oswald Veblen
10	Γ function	-
11	Doubly variables Veblen Function	Oswald Veblen
12	η function	-
13	ζ function	-
14	ε function	-
15	FGH below ε_0	Rose

G.9 1988 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham

排名	名称	提出者
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
22	Alteration of M/R's Ackf	-
23	Mixed Factorial	-
24	Moser's Polygon Notation	Leo Moser
25	Pentiration	-
26	Old Polygon Notation	Leo Moser
27	Left tower	-
28	Tetration	Hans Maurer
29	Iterative Factorial	-
30	Power Towers	-

排名	名称	提出者
	序数	
1	Buchholz's Φ	Wilfried Buchholz
2	Ordinal diagrams	Gaisi Takeuti
3	Feferman's θ	Fefermann
4	Buchholz's Hydra	Wilfried Buchholz
5	Buchholz's ψ Function	Wilfried Buchholz
6	1st Catching Point of G/F	Girard
7	Madore's ψ Function	Madore
8	Bachmann's ψ	Bachmann
9	Veblen Function	Oswald Veblen
10	Γ function	-
11	Doubly variables Veblen Function	Oswald Veblen
12	η function	-
13	ζ function	-
14	ε function	-
15	FGH below ε_0	Rose

G.10 1989 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann

排名	名称	提出者
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
22	Alteration of M/R's Ackf	-
23	Mixed Factorial	-
24	Moser's Polygon Notation	Leo Moser
25	Pentiration	-
26	Old Polygon Notation	Leo Moser
27	Left tower	
28	Tetration	Hans Maurer
29	Iterative Factorial	
30	Power Towers	-
#	Laver Table 被研究出	
	序数	

排名	名称	提出者
1	Rathjen's χ	Rathjen
2	Buchholz's Φ	Wilfried Buchholz
3	Ordinal diagrams	Gaisi Takeuti
4	Feferman's θ	Fefermann
5	Buchholz's Hydra	Wilfried Buchholz
6	Buchholz's ψ Function	Wilfried Buchholz
7	1st Catching Point of G/F	Girard
8	Madore's ψ Function	Madore
9	Bachmann's ψ	Bachmann
10	Veblen Function	Oswald Veblen
11	Γ function	-
12	Doubly variables Veblen Function	Oswald Veblen
13	η function	-
14	ζ function	-
15	ε function	-

G.11 1990 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth

排名	名称	提出者
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
22	Alteration of M/R's Ackf	-
23	Mixed Factorial	-
24	Moser's Polygon Notation	Leo Moser
25	Pentiration	-
26	Old Polygon Notation	Leo Moser
27	Left tower	-
28	Tetration	Hans Maurer
29	Iterative Factorial	-
30	Power Towers	-
	序数	
1	Rathjen's Ξ	Rathjen
2	Rathjen's χ	Rathjen

排名	名称	提出者
3	Buchholz's Φ	Wilfried Buchholz
4	Ordinal diagrams	Gaisi Takeuti
5	Feferman's θ	Fefermann
6	Buchholz's Hydra	Wilfried Buchholz
7	Buchholz's ψ Function	Wilfried Buchholz
8	1st Catching Point of G/F	Girard
9	Madore's ψ Function	Madore
10	Bachmann's ψ	Bachmann
11	Veblen Function	Oswald Veblen
12	Γ function	-
13	Doubly variables Veblen Function	Oswald Veblen
14	η function	_
15	ζ function	-

G.12 1991 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth

排名	名称	提出者
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
22	Alteration of M/R's Ackf	-
23	Mixed Factorial	-
24	Moser's Polygon Notation	Leo Moser
25	Pentiration	-
26	Old Polygon Notation	Leo Moser
27	Left tower	-
28	Tetration	Hans Maurer
29	Iterative Factorial	-
30	Power Towers	-
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz

排名	名称	提出者
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	1st Catching Point of G/F	Girard
10	Madore's ψ Function	Madore
11	Bachmann's ψ	Bachmann
12	Veblen Function	Oswald Veblen
13	Γ function	-
14	Doubly variables Veblen Function	Oswald Veblen
15	η function	-

G.13 1992 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel

排名	名称	提出者
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
22	Alteration of M/R's Ackf	-
23	Mixed Factorial	-
24	Moser's Polygon Notation	Leo Moser
25	Pentiration	-
26	Old Polygon Notation	Leo Moser
27	Left tower	-
28	Tetration	Hans Maurer
29	Iterative Factorial	-
30	Power Towers	-
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann

排名	名称	提出者
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	1st Catching Point of G/F	Girard
10	Madore's ψ Function	Madore
11	Bachmann's ψ	Bachmann
12	Veblen Function	Oswald Veblen
13	Γ function	-
14	Doubly variables Veblen Function	Oswald Veblen
15	η function	-

G.14 1993 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green

排名	名称	提出者
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
22	Alteration of M/R's Ackf	-
23	Mixed Factorial	-
24	Moser's Polygon Notation	Leo Moser
25	Pentiration	-
26	Old Polygon Notation	Leo Moser
27	Left tower	-
28	Tetration	Hans Maurer
29	Iterative Factorial	-
30	Power Towers	-
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz

排名	名称	提出者
9	1st Catching Point of G/F	Girard
10	Madore's ψ Function	Madore
11	Bachmann's ψ	Bachmann
12	Veblen Function	Oswald Veblen
13	Γ function	-
14	Doubly variables Veblen Function	Oswald Veblen
15	η function	_

G.15 1994 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	Graham's Function $G(n)$	Ronald Graham
4	Graham's Function $g(n)$	Ronald Graham
5	Hyperlicious Function	-
6	Ackermann's Function	Wilhelm Ackermann
7	Knuth's Up-Arraw	Donald Ervin Knuth
8	Hyper Operation	-
9	Down-Arraw	Donald Ervin Knuth
10	Sudan function	Sudan
11	Gödel numbers	Gödel
12	Grzegorczyk's hierarchy	Grzegorczyk
13	$G_n + 2(n)$ function	Milton Green
14	$B_n(n)$ function	Milton Green
15	$M_n + 2(n)$ function	Milton Green

排名	名称	提出者
16	Peter's function	Rosza Peter
17	Robinsion's function	Raphael M. Robinson
18	Buck's function	Buck
19	Robert's function	Robert Ritchie
20	Meyer-Ritchie function	Meyer, Robert Ritchie
21	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
22	Alteration of M/R's Ackf	-
23	Baxter's Derivation	Lew Baxter
24	Mixed Factorial	-
25	Moser's Polygon Notation	Leo Moser
26	Pentiration	-
27	Old Polygon Notation	Leo Moser
28	Left tower	-
29	Tetration	Hans Maurer
30	Iterative Factorial	-
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	1st Catching Point of G/F	Girard
10	Madore's ψ Function	Madore

排名	名称	提出者
11	Bachmann's ψ	Bachmann
12	Veblen Function	Oswald Veblen
13	Γ function	-
14	Doubly variables Veblen Function	Oswald Veblen
15	η function	-

G.16 1995 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	CG Function	John Horton Conway, Richard Kenneth Guy
4	Chained Arrow	John Horton Conway, Richard Kenneth Guy
5	Graham's Function $G(n)$	Ronald Graham
6	Graham's Function $g(n)$	Ronald Graham
7	Hyperlicious Function	-
8	Ackermann's Function	Wilhelm Ackermann
9	Knuth's Up-Arraw	Donald Ervin Knuth
10	Hyper Operation	-
11	Down-Arraw	Donald Ervin Knuth
12	Sudan function	Sudan
13	Gödel numbers	Gödel
14	Grzegorczyk's hierarchy	Grzegorczyk
15	$G_n + 2(n)$ function	Milton Green
16	$B_n(n)$ function	Milton Green

17 $M_n + 2(n)$ function Milton Green 18 Peter's function Rosza Peter 19 Robinsion's function Raphael M. Robinson 20 Buck's function Buck 21 Robert's function Robert Ritchie 22 Meyer-Ritchie function Meyer, Robert Ritchie 23 Edelsbrunner-Herbert's function Edelsbrunner, Herbert 24 Alteration of M/R's Ackf - 25 Baxter's Derivation Lew Baxter 26 Mixed Factorial - 27 Moser's Polygon Notation Leo Moser 28 Pentiration - 29 Old Polygon Notation Leo Moser 30 Left tower - 4 Expression Rathjen 4 Faxter Table Rathjen 4 Faxter Table Rathjen 5 Ordinal Collapsing Function Rathjen 2 Rathjen's χ Rathjen 3 Rathjen's χ Rathjen 4 Buchholz's Φ Wilfried Buchholz 5	排名	名称	提出者
19 Robinsion's function Buck 20 Buck's function Buck 21 Robert's function Robert Ritchie 22 Meyer-Ritchie function Meyer, Robert Ritchie 23 Edelsbrunner-Herbert's function Edelsbrunner, Herbert 24 Alteration of M/R's Ackf 25 Baxter's Derivation Lew Baxter 26 Mixed Factorial - 27 Moser's Polygon Notation Leo Moser 28 Pentiration - 29 Old Polygon Notation Leo Moser 30 Left tower - # Laver Table	17	$M_n + 2(n)$ function	Milton Green
Buck's function Buck Robert's function Robert Ritchie Robert Ritchie Meyer, Robert Ritchie Buck Robert's function Robert Ritchie Meyer, Robert Ritchie Buck Robert Ritchie Robert Ritchie Meyer, Robert Ritchie Buck Robert Ritchie Meyer, Robert Ritchie Edelsbrunner, Herbert Ledisprunner, Herbert Lew Baxter Lew Baxter Lew Baxter Robert Ritchie Edelsbrunner, Herbert Lew Baxter Lew Baxter Lew Baxter Lew Baxter - Robert Ritchie Lew Baxter Lew Baxt	18	Peter's function	Rosza Peter
Robert's function Robert Ritchie	19	Robinsion's function	Raphael M. Robinson
Meyer-Ritchie function Meyer, Robert Ritchie	20	Buck's function	Buck
Edelsbrunner-Herbert's function Edelsbrunner, Herbert	21	Robert's function	Robert Ritchie
24 Alteration of M/R's Ackf 25 Baxter's Derivation Lew Baxter 26 Mixed Factorial - 27 Moser's Polygon Notation Leo Moser 28 Pentiration - 29 Old Polygon Notation Leo Moser 30 Left tower - # Laver Table # 在 ZFC+10 中被证明存在 F数 1 Rathjen's Ordinal Collapsing Function 2 Rathjen's Ξ Rathjen 3 Rathjen's χ Rathjen 4 Buchholz's Φ Wilfried Buchholz 5 Ordinal diagrams Gaisi Takeuti 6 Feferman's θ Fefermann 7 Buchholz's Hydra Wilfried Buchholz 8 Buchholz's ψ Function Wilfried Buchholz 9 1st Catching Point of G/F Girard	22	Meyer-Ritchie function	Meyer, Robert Ritchie
Baxter's Derivation Lew Baxter Alixed Factorial Mixed Factorial Mixed Factorial Moser's Polygon Notation Leo Moser Pentiration Old Polygon Notation Leo Moser Leo Moser Leo Moser Leo Moser Leo Moser Leo Moser Rathjen or Rathjen or Rathjen's Ordinal Collapsing Function Rathjen or Rathjen or Rathjen or Rathjen or Rathjen Alixed Buchholz or Rathjen Gaisi Takeuti Fefermann Rathjen or Rathjen or Rathjen Wilfried Buchholz Buchholz's Hydra or Rathjen or	23	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
Mixed Factorial -	24	Alteration of M/R's Ackf	-
27 Moser's Polygon Notation Leo Moser 28 Pentiration - 29 Old Polygon Notation Leo Moser 30 Left tower - # Laver Table Æ ZFC+10 中被证明存在 - P数 Rathjen's Rathjen 1 Ordinal Collapsing Function Rathjen 2 Rathjen's Σ Rathjen 3 Rathjen's χ Rathjen 4 Buchholz's Φ Wilfried Buchholz 5 Ordinal diagrams Gaisi Takeuti 6 Fefermann Fefermann 7 Buchholz's Hydra Wilfried Buchholz 8 Buchholz's ψ Function Wilfried Buchholz 9 1st Catching Point of G/F Girard	25	Baxter's Derivation	Lew Baxter
Pentiration - 29 Old Polygon Notation Leo Moser 30 Left tower - # Laver Table 在 ZFC+10 中被证明存在 F数 Rathjen's Ordinal Collapsing Function 2 Rathjen's Ξ Rathjen 3 Rathjen's χ Rathjen 4 Buchholz's Φ Wilfried Buchholz 5 Ordinal diagrams Gaisi Takeuti 6 Feferman's θ Fefermann 7 Buchholz's Hydra Wilfried Buchholz 8 Buchholz's ψ Function Wilfried Buchholz 9 1st Catching Point of G/F Girard	26	Mixed Factorial	-
29 Old Polygon Notation Leo Moser 30	27	Moser's Polygon Notation	Leo Moser
Left tower - Laver Table 在 ZFC+I0 中被证明存在 F数	28	Pentiration	-
# Laver Table 在 ZFC+I0 中被证明存在 F数	29	Old Polygon Notation	Leo Moser
# 在 ZFC+I0 中被证明存在	30	Left tower	-
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	#		
Ordinal Collapsing Function Rathjen		序数	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1	, and the second	Rathjen
4 Buchholz's Φ Wilfried Buchholz 5 Ordinal diagrams Gaisi Takeuti 6 Feferman's θ Fefermann 7 Buchholz's Hydra Wilfried Buchholz 8 Buchholz's ψ Function Wilfried Buchholz 9 1st Catching Point of G/F Girard	2	Rathjen's Ξ	Rathjen
5 Ordinal diagrams Gaisi Takeuti 6 Feferman's θ Fefermann 7 Buchholz's Hydra Wilfried Buchholz 8 Buchholz's ψ Function Wilfried Buchholz 9 1st Catching Point of G/F Girard	3	Rathjen's χ	Rathjen
6 Feferman's θ Fefermann 7 Buchholz's Hydra Wilfried Buchholz 8 Buchholz's ψ Function Wilfried Buchholz 9 1st Catching Point of G/F Girard	4	Buchholz's Φ	Wilfried Buchholz
7 Buchholz's Hydra Wilfried Buchholz 8 Buchholz's ψ Function Wilfried Buchholz 9 1st Catching Point of G/F Girard	5	Ordinal diagrams	Gaisi Takeuti
8 Buchholz's ψ Function Wilfried Buchholz 9 1st Catching Point of G/F Girard	6	Feferman's θ	Fefermann
9 1st Catching Point of G/F Girard	7	Buchholz's Hydra	Wilfried Buchholz
,	8	Buchholz's ψ Function	Wilfried Buchholz
10 Madore's ψ Function Madore	9	1st Catching Point of G/F	Girard
	10	Madore's ψ Function	Madore

排名	名称	提出者
11	Bachmann's ψ	Bachmann
12	Veblen Function	Oswald Veblen
13	Γ function	-
14	Doubly variables Veblen Function	Oswald Veblen
15	η function	-

G.17 1996 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	CG Function	John Horton Conway, Richard Kenneth Guy
4	Chained Arrow	John Horton Conway, Richard Kenneth Guy
5	Graham's Function $G(n)$	Ronald Graham
6	Graham's Function $g(n)$	Ronald Graham
7	Hyperlicious Function	-
8	Ackermann's Function	Wilhelm Ackermann
9	Knuth's Up-Arraw	Donald Ervin Knuth
10	Hyper Operation	-
11	Down-Arraw	Donald Ervin Knuth
12	Munafo's Hyper Operation	Munafo
13	Sudan function	Sudan
14	Gödel numbers	Gödel
15	Grzegorczyk's hierarchy	Grzegorczyk
16	$G_n + 2(n)$ function	Milton Green

排名	名称	提出者
17	$B_n(n)$ function	Milton Green
18	$M_n + 2(n)$ function	Milton Green
19	Peter's function	Rosza Peter
20	Robinsion's function	Raphael M. Robinson
21	Buck's function	Buck
22	Robert's function	Robert Ritchie
23	Meyer-Ritchie function	Meyer, Robert Ritchie
24	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
25	Alteration of M/R's Ackf	-
26	Baxter's Derivation	Lew Baxter
27	E# (Old)	-
28	Mixed Factorial	-
29	Moser's Polygon Notation	Leo Moser
30	Pentiration	-
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	1st Catching Point of G/F	Girard
10	Madore's ψ Function	Madore
11	Bachmann's ψ	Bachmann

排名	名称	提出者
12	Veblen Function	Oswald Veblen
13	Γ function	-
14	Doubly variables Veblen Function	Oswald Veblen
15	η function	-

G.18 1997 年

排名	名称	提出者
	大数	
1	Goodstein Sequence	Goodstein
2	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
3	CG Function	John Horton Conway, Richard Kenneth Guy
4	Chained Arrow	John Horton Conway, Richard Kenneth Guy
5	Graham's Function $G(n)$	Ronald Graham
6	Graham's Function $g(n)$	Ronald Graham
7	Hyperlicious Function	-
8	Ackermann's Function	Wilhelm Ackermann
9	Knuth's Up-Arraw	Donald Ervin Knuth
10	Hyper Operation	-
11	Down-Arraw	Donald Ervin Knuth
12	Munafo's Hyper Operation	Munafo
13	Mythical tree problem	Harvey Friedman
14	Sudan function	Sudan
15	Gödel numbers	Gödel
16	Grzegorczyk's hierarchy	Grzegorczyk
17	$G_n + 2(n)$ function	Milton Green

排名	名称	提出者
18	$B_n(n)$ function	Milton Green
19	$M_n + 2(n)$ function	Milton Green
20	Peter's function	Rosza Peter
21	Robinsion's function	Raphael M. Robinson
22	Buck's function	Buck
23	Robert's function	Robert Ritchie
24	Meyer-Ritchie function	Meyer, Robert Ritchie
25	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
26	Alteration of M/R's Ackf	-
27	Baxter's Derivation	Lew Baxter
28	E# (Old)	-
29	Mixed Factorial	-
30	Moser's Polygon Notation	Leo Moser
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	1st Catching Point of G/F	Girard
10	Madore's ψ Function	Madore
11	Bachmann's ψ	Bachmann
12	Veblen Function	Oswald Veblen

排名	名称	提出者
13	Γ function	-
14	Doubly variables Veblen Function	Oswald Veblen
15	η function	-

G.19 1998 年

排名	名称	提出者
	大数	
1	Friedman's Sequence	Harvey Friedman
2	Goodstein Sequence	Goodstein
3	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
4	CG Function	John Horton Conway, Richard Kenneth Guy
5	Chained Arrow	John Horton Conway, Richard Kenneth Guy
6	Clarkkkkson	-
7	Graham's Function $G(n)$	Ronald Graham
8	Graham's Function $g(n)$	Ronald Graham
9	Hyperlicious Function	-
10	Ackermann's Function	Wilhelm Ackermann
11	Knuth's Up-Arraw	Donald Ervin Knuth
12	Hyper Operation	-
13	Down-Arraw	Donald Ervin Knuth
14	Munafo's Hyper Operation	Munafo
15	Mythical tree problem	Harvey Friedman
16	Munafo's function	Munafo
17	Sudan function	Sudan
18	Gödel numbers	Gödel

排名	名称	提出者
19	Grzegorczyk's hierarchy	Grzegorczyk
20	$G_n + 2(n)$ function	Milton Green
21	$B_n(n)$ function	Milton Green
22	$M_n + 2(n)$ function	Milton Green
23	Peter's function	Rosza Peter
24	Robinsion's function	Raphael M. Robinson
25	Buck's function	Buck
26	Robert's function	Robert Ritchie
27	Meyer-Ritchie function	Meyer, Robert Ritchie
28	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
29	Alteration of M/R's Ackf	-
30	Baxter's Derivation	Lew Baxter
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	1st Catching Point of G/F	Girard
10	Madore's ψ Function	Madore
11	Bachmann's ψ	Bachmann
12	Veblen Function	Oswald Veblen
13	Γ function	-

排名	名称	提出者
14	Doubly variables Veblen Function	Oswald Veblen
15	η function	-

G.20 1999 年

排名	名称	提出者
	大数	
1	Friedman's Sequence	Harvey Friedman
2	Goodstein Sequence	Goodstein
3	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
4	CG Function	John Horton Conway, Richard Kenneth Guy
5	Chained Arrow	John Horton Conway, Richard Kenneth Guy
6	Clarkkkkson	-
7	Graham's Function $G(n)$	Ronald Graham
8	Graham's Function $g(n)$	Ronald Graham
9	Hyperlicious Function	-
10	Ackermann's Function	Wilhelm Ackermann
11	Knuth's Up-Arraw	Donald Ervin Knuth
12	Hyper Operation	-
13	Bowers' Operators	Jonathan Bowers
14	Nambir's Hyper Operation	Nambir
15	R-R Hyper operation	Ruzorbov Romolio
16	Down-Arraw	Donald Ervin Knuth
17	Munafo's Hyper Operation	Munafo
18	Mythical tree problem	Harvey Friedman
19	Sudan function	Sudan

排名	名称	提出者
20	Gödel numbers	Gödel
21	Grzegorczyk's hierarchy	Grzegorczyk
22	$G_n + 2(n)$ function	Milton Green
23	$B_n(n)$ function	Milton Green
24	$M_n + 2(n)$ function	Milton Green
25	Peter's function	Rosza Peter
26	Robinsion's function	Raphael M. Robinson
27	Buck's function	Buck
28	Robert's function	Robert Ritchie
29	Meyer-Ritchie function	Meyer, Robert Ritchie
30	Edelsbrunner-Herbert's function	Edelsbrunner, Herbert
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	1st Catching Point of G/F	Girard
10	Madore's ψ Function	Madore
11	Bachmann's ψ	Bachmann
12	Veblen Function	Oswald Veblen
13	Γ function	-
14	Doubly variables Veblen Function	Oswald Veblen

排名	名称	提出者
15	η function	-

G.21 2000 年

排名	名称	提出者
	大数	
1	Friedman's Sequence	Harvey Friedman
2	Goodstein Sequence	Goodstein
3	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
4	CG Function	John Horton Conway, Richard Kenneth Guy
5	Bowers' {}	Jonathan Bowers
6	Chained Arrow	John Horton Conway, Richard Kenneth Guy
7	Clarkkkkson	-
8	Graham's Function $G(n)$	Ronald Graham
9	Graham's Function $g(n)$	Ronald Graham
10	Hyperlicious Function	-
11	Ackermann's Function	Wilhelm Ackermann
12	Knuth's Up-Arraw	Donald Ervin Knuth
13	Hyper Operation	-
14	Bowers' Operators	Jonathan Bowers
15	Nambir's Hyper Operation	Nambir
16	R-R Hyper Operation	Ruzorbov Romolio
17	Down-Arraw	Donald Ervin Knuth
18	Munafo's Hyper Operation	Munafo
19	Mythical tree problem	Harvey Friedman
20	Sudan function	Sudan

排名	名称	提出者
21	Gödel numbers	Gödel
22	Grzegorczyk's hierarchy	Grzegorczyk
23	$G_n + 2(n)$ function	Milton Green
24	$B_n(n)$ function	Milton Green
25	$M_n + 2(n)$ function	Milton Green
26	Peter's function	Rosza Peter
27	Robinsion's function	Raphael M. Robinson
28	Buck's function	Buck
29	Robert's function	Robert Ritchie
30	Meyer-Ritchie function	Meyer, Robert Ritchie
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's ∃	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
9	Buchholz's ψ Function	Wilfried Buchholz
9	1st Catching Point of G/F	Girard
10	Madore's ψ Function	Madore
11	Bachmann's ψ	Bachmann
12	Veblen Function	Oswald Veblen
13	otree function	Harvey Friedman
14	tree function	Harvey Friedman
15	Γ function	-

G.22 2001 年

排名	名称	提出者
	大数	
1	marxen.c function	Heiner Marxen
2	Friedman's Sequence	Harvey Friedman
3	Goodstein Sequence	Goodstein
4	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
5	Extended Bowers'Array Notation	Jonathan Bowers
6	Bowers'Array Notation	Jonathan Bowers
7	Pete.C function series	Pete
8	CG Function	John Horton Conway, Richard Kenneth Guy
9	Bowers' {}	Jonathan Bowers
10	Chained Arrow	John Horton Conway, Richard Kenneth Guy
11	Clarkkkkson	-
12	Graham's Function $G(n)$	Ronald Graham
13	Graham's Function $g(n)$	Ronald Graham
14	Hyperlicious Function	-
15	Ackermann's Function	Wilhelm Ackermann
16	Knuth's Up-Arraw	Donald Ervin Knuth
17	Hyper Operation	-
18	Bowers' Operators	Jonathan Bowers
19	Nambir's Hyper Operation	Nambir
20	R-R Hyper Operation	Ruzorbov Romolio
21	Down-Arraw	Donald Ervin Knuth
22	Munafo's Hyper Operation	Munafo
23	Mythical tree problem	Harvey Friedman

排名	名称	提出者
24	Sudan function	Sudan
25	Gödel numbers	Gödel
26	Grzegorczyk's hierarchy	Grzegorczyk
27	$G_n + 2(n)$ function	Milton Green
28	$B_n(n)$ function	Milton Green
29	$M_n + 2(n)$ function	Milton Green
30	Peter's function	Rosza Peter
#	Loader.C 被 Loader 提出	
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	Patterns of Resemblance	Carlson
10	1st Catching Point of G/F	Girard
11	Madore's ψ Function	Madore
12	Bachmann's ψ	Bachmann
13	Veblen Function	Oswald Veblen
14	TREE function	Harvey Friedman
15	otree function	Harvey Friedman

G.23 2002 年

排名	名称	提出者
	大数	
1	marxen.c function	Heiner Marxen
2	Multi Dimensional Arrays	Jonathan Bowers
3	Friedman's Sequence	Harvey Friedman
4	Worm function	-
5	Goodstein Sequence	Goodstein
6	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
7	Dimensional Arrays	Jonathan Bowers
8	Linar Arrays	Jonathan Bowers
9	Extended Bowers'Array Notation	Jonathan Bowers
10	Bowers'Array Notation	Jonathan Bowers
11	Pete.C function series	Pete
12	CG Function	John Horton Conway, Richard Kenneth Guy
13	Bowers' {}	Jonathan Bowers
14	Chained Arrow	John Horton Conway, Richard Kenneth Guy
15	Clarkkkkson	-
16	Graham's Function $G(n)$	Ronald Graham
17	Graham's Function $g(n)$	Ronald Graham
18	Hyperlicious Function	-
19	Ackermann's Function	Wilhelm Ackermann
20	Knuth's Up-Arraw	Donald Ervin Knuth
21	Hyper Operation	-
22	Bowers' Operators	Jonathan Bowers
23	Nambir's Hyper Operation	Nambir
24	R-R Hyper Operation	Ruzorbov Romolio
25	Down-Arraw	Donald Ervin Knuth

排名	名称	提出者
26	Munafo's Hyper Operation	Munafo
27	Mythical tree problem	Harvey Friedman
28	Sudan function	Sudan
29	Gödel numbers	Gödel
30	Grzegorczyk's hierarchy	Grzegorczyk
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	Patterns of Resemblance	Carlson
10	1st Catching Point of G/F	Girard
11	Madore's ψ Function	Madore
12	Bachmann's ψ	Bachmann
13	Veblen Function	Oswald Veblen
14	TREE function	Harvey Friedman
15	otree function	Harvey Friedman

G.24 2003 年

排名	名称	提出者
	大数	
1	Bowers' Dimensional Arrays with []	-

排名	名称	提出者
2	marxen.c function	Heiner Marxen
3	Multi Dimensional Arrays	Jonathan Bowers
4	Friedman's Sequence	Harvey Friedman
5	Worm function	-
6	Goodstein Sequence	Goodstein
7	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
8	Dimensional Arrays	Jonathan Bowers
9	Linar Arrays	Jonathan Bowers
10	Extended Bowers'Array Notation	Jonathan Bowers
11	Bowers'Array Notation	Jonathan Bowers
12	Pete.C function series	Pete
13	CG Function	John Horton Conway, Richard Kenneth Guy
14	Bowers' {}	Jonathan Bowers
15	Chained Arrow	John Horton Conway, Richard Kenneth Guy
16	Clarkkkkson	-
17	Graham's Function $G(n)$	Ronald Graham
18	Graham's Function $g(n)$	Ronald Graham
19	Hyperlicious Function	-
20	Ackermann's Function	Wilhelm Ackermann
21	Knuth's Up-Arraw	Donald Ervin Knuth
22	Hyper Operation	-
23	Bowers' Operators	Jonathan Bowers
24	Nambir's Hyper Operation	Nambir
25	R-R Hyper Operation	Ruzorbov Romolio
26	Down-Arraw	Donald Ervin Knuth
27	Munafo's Hyper Operation	Munafo

排名	名称	提出者
28	Mythical tree problem	Harvey Friedman
29	Sudan function	Sudan
30	Gödel numbers	Gödel
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	Patterns of Resemblance	Carlson
10	1st Catching Point of G/F	Girard
11	Madore's ψ Function	Madore
12	Bachmann's ψ	Bachmann
13	Veblen Function	Oswald Veblen
14	TREE function	Harvey Friedman
15	otree function	Harvey Friedman

G.25 2004 年

排名	名称	提出者
	大数	
1	E# with # Hyper Operation	Sbiis Saibian
2	Bowers' Dimensional Arrays with []	-
3	marxen.c function	Heiner Marxen

排名	名称	提出者
4	Multi Dimensional Arrays	Jonathan Bowers
5	E# with # Operation	Sbiis Saibian
6	Friedman's Sequence	Harvey Friedman
7	Worm function	-
8	Goodstein Sequence	Goodstein
9	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
10	Dimensional Arrays	Jonathan Bowers
11	Linar Arrays	Jonathan Bowers
12	E# with Multiple #	Sbiis Saibian
13	Extended Bowers'Array Notation	Jonathan Bowers
14	Bowers'Array Notation	Jonathan Bowers
15	Pete.C function series	Pete
16	CG Function	John Horton Conway, Richard Kenneth Guy
17	Bowers' {}	Jonathan Bowers
18	Chained Arrow	John Horton Conway, Richard Kenneth Guy
19	Clarkkkkson	-
20	Graham's Function $G(n)$	Ronald Graham
21	Graham's Function $g(n)$	Ronald Graham
22	Hyperlicious Function	-
23	Ackermann's Function	Wilhelm Ackermann
24	Knuth's Up-Arraw	Donald Ervin Knuth
25	Hyper Operation	-
26	Bowers' Operators	Jonathan Bowers
27	Nambir's Hyper Operation	Nambir
28	R-R Hyper Operation	Ruzorbov Romolio
29	Down-Arraw	Donald Ervin Knuth

排名	名称	提出者
30	Munafo's Hyper Operation	Munafo
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	Patterns of Resemblance	Carlson
10	1st Catching Point of G/F	Girard
11	Madore's ψ Function	Madore
12	Bachmann's ψ	Bachmann
13	Veblen Function	Oswald Veblen
14	TREE function	Harvey Friedman
15	otree function	Harvey Friedman

G.26 2005 年

排名	名称	提出者
	大数	
1	E# with # Hyper Operation	Sbiis Saibian
2	Bowers' Dimensional Arrays with []	-
3	marxen.c function	Heiner Marxen
4	Multi Dimensional Arrays	Jonathan Bowers
5	E# with # Operation	Sbiis Saibian

排名	名称	提出者
6	Friedman's Sequence	Harvey Friedman
7	Worm function	-
8	Goodstein Sequence	Goodstein
9	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
10	Dimensional Arrays	Jonathan Bowers
11	Linar Arrays	Jonathan Bowers
12	E# with Multiple #	Sbiis Saibian
13 E	Extended Bowers'Array Notation	Jonathan Bowers
14	Bowers'Array Notation	Jonathan Bowers
15	Pete.C function series	Pete
16	CG Function	John Horton Conway, Richard Kenneth Guy
17	Bowers' {}	Jonathan Bowers
18	Chained Arrow	John Horton Conway, Richard Kenneth Guy
19	Clarkkkkson	-
20	Graham's Function $G(n)$	Ronald Graham
21	Graham's Function $g(n)$	Ronald Graham
22	Hyperlicious Function	-
23	Ackermann's Function	Wilhelm Ackermann
24	Knuth's Up-Arraw	Donald Ervin Knuth
25	Hyper Operation	-
26	Bowers' Operators	Jonathan Bowers
27	Nambir's Hyper Operation	Nambir
28	R-R Hyper Operation	Ruzorbov Romolio
29	Down-Arraw	Donald Ervin Knuth
20	Munafo's Hyper Operation	Munafo
30	Jr - r - r	

排名	名称	提出者
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	Patterns of Resemblance	Carlson
10	1st Catching Point of G/F	Girard
11	Madore's ψ Function	Madore
12	Bachmann's ψ	Bachmann
13	Veblen Function	Oswald Veblen
14	TREE function	Harvey Friedman
15	otree function	Harvey Friedman

G.27 2006 年

排名	名称	提出者
	大数	
1	Bird's Array (V1)	Chris Bird
2	E# with # Hyper Operation	Sbiis Saibian
3	Bowers' Dimensional Arrays with []	-
4	Bird's multiple []	Chris Bird
5	marxen.c function	Heiner Marxen
6	Multi Dimensional Arrays	Jonathan Bowers
7	E# with # Operation	Sbiis Saibian

排名	名称	提出者
8	Bird's []	Chris Bird
9	Friedman's Sequence	Harvey Friedman
10	Worm function	-
11	Goodstein Sequence	Goodstein
12	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
13	Dimensional Arrays	Jonathan Bowers
14	Linar Arrays	Jonathan Bowers
15	E# with Multiple #	Sbiis Saibian
16	Extended Bowers'Array Notation	Jonathan Bowers
17	Bowers'Array Notation	Jonathan Bowers
18	Bowers'Array Notation	Jonathan Bowers
19	Pete.C function series	Pete
20	CG Function	John Horton Conway, Richard Kenneth Guy
21	Bowers' {}	Jonathan Bowers
22	Chained Arrow	John Horton Conway, Richard Kenneth Guy
23	Clarkkkkson	-
24	Graham's Function $G(n)$	Ronald Graham
25	Graham's Function $g(n)$	Ronald Graham
26	Hyperlicious Function	-
27	Ackermann's Function	Wilhelm Ackermann
28	Knuth's Up-Arraw	Donald Ervin Knuth
29	Hyper Operation	-
30	Bowers' Operators	Jonathan Bowers
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen

排名	名称	提出者
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Buchholz's Φ	Wilfried Buchholz
5	Ordinal diagrams	Gaisi Takeuti
6	Feferman's θ	Fefermann
7	Buchholz's Hydra	Wilfried Buchholz
8	Buchholz's ψ Function	Wilfried Buchholz
9	SCG Function	-
10	SSCG Function	-
11	Patterns of Resemblance	Carlson
12	1st Catching Point of G/F	Girard
13	Madore's ψ Function	Madore
14	Bachmann's ψ	Bachmann
15	Veblen Function	Oswald Veblen

G.28 2007 年

排名	名称	提出者
	大数	
1	Bird's Array (V1)	Chris Bird
2	Bowers' &	Jonathan Bowers
3	E# with # Hyper Operation	Sbiis Saibian
4	Bowers' Dimensional Arrays with []	-
5	Bird's multiple []	Chris Bird
6	marxen.c function	Heiner Marxen
7	Multi Dimensional Arrays	Jonathan Bowers
8	E# with # Operation	Sbiis Saibian

排名	名称	提出者
9	Bird's []	Chris Bird
10	Friedman's Sequence	Harvey Friedman
11	Worm function	-
12	Goodstein Sequence	Goodstein
13	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
14	Dimensional Arrays	Jonathan Bowers
15	Linar Arrays	Jonathan Bowers
16	Taro's multivariable Ackermann function	Taro
17	E# with Multiple #	Sbiis Saibian
18	Extended Bowers'Array Notation	Jonathan Bowers
19	Bowers'Array Notation	Jonathan Bowers
20	Bowers'Array Notation	Jonathan Bowers
21	Pete.C function series	Pete
22	CG Function	John Horton Conway, Richard Kenneth Guy
23	Bowers' {}	Jonathan Bowers
24	Chained Arrow	John Horton Conway, Richard Kenneth Guy
25	Clarkkkkson	-
26	Graham's Function $G(n)$	Ronald Graham
27	Graham's Function $g(n)$	Ronald Graham
28	Hyperlicious Function	-
29	Ackermann's Function	Wilhelm Ackermann
30	Knuth's Up-Arraw	Donald Ervin Knuth
#	Rayo 函数被 Rayo 提出	
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen

排名	名称	提出者
2	Rathjen's Ξ	Rathjen
3	Rathjen's χ	Rathjen
4	Mahlo OCF	-
5	I OCF	Gerhard Jäger, Wilfried Buchholz
6	Buchholz's Φ	Wilfried Buchholz
7	Ordinal diagrams	Gaisi Takeuti
8	Feferman's θ	Fefermann
9	Buchholz's Hydra	Wilfried Buchholz
10	Buchholz's ψ Function	Wilfried Buchholz
11	SCG Function	-
12	SSCG Function	-
13	Patterns of Resemblance	Carlson
14	Wilken's θ	Gunnar Wilken
15	1st Catching Point of G/F	Girard

G.29 2008 年

排名	名称	提出者
	大数	
1	Bird's Array (V1)	Chris Bird
2	Bowers' Exploding Array Function	Jonathan Bowers
3	Bowers' &	Jonathan Bowers
4	Hyper-E Notation	Sbiis Saibian
5	E# with # Hyper Operation	Sbiis Saibian
6	Bowers' Dimensional Arrays with []	-
7	Bird's multiple []	Chris Bird
8	marxen.c function	Heiner Marxen

排名	名称	提出者
9	Multi Dimensional Arrays	Jonathan Bowers
10	E# with # Operation	Sbiis Saibian
11	Bird's []	Chris Bird
12	Friedman's Sequence	Harvey Friedman
13	Worm function	-
14	Goodstein Sequence	Goodstein
15	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
16	Dimensional Arrays	Jonathan Bowers
17	Linar Arrays	Jonathan Bowers
18	Taro's multivariable Ackermann function	Taro
19	E# with Multiple #	Sbiis Saibian
20	Extended Bowers'Array Notation	Jonathan Bowers
21	Bowers'Array Notation	Jonathan Bowers
22	Bowers'Array Notation	Jonathan Bowers
23	Pete.C function series	Pete
24	CG Function	John Horton Conway, Richard Kenneth Guy
25	Bowers' {}	Jonathan Bowers
26	Chained Arrow	John Horton Conway, Richard Kenneth Guy
27	Clarkkkkson	-
28	Graham's Function $G(n)$	Ronald Graham
29	Graham's Function $g(n)$	Ronald Graham
30	Hyperlicious Function	-
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Duchhart's OCF	Duchhart

排名	名称	提出者
3	Rathjen's Ξ	Rathjen
4	Rathjen's χ	Rathjen
5	Mahlo OCF	-
6	I OCF	Gerhard Jäger, Wilfried Buchholz
7	Buchholz's Φ	Wilfried Buchholz
8	Ordinal diagrams	Gaisi Takeuti
9	Feferman's θ	Fefermann
10	Buchholz's Hydra	Wilfried Buchholz
11	Buchholz's ψ Function	Wilfried Buchholz
12	SCG Function	-
13	SSCG Function	-
14	Patterns of Resemblance	Carlson
15	Wilken's θ	Gunnar Wilken

G.30 2009 年

排名	名称	提出者
	大数	
1	Bird's Array (V1)	Chris Bird
2	Bowers' Exploding Array Function	Jonathan Bowers
3	Bowers' &	Jonathan Bowers
4	Hyper-E Notation	Sbiis Saibian
5	E# with # Hyper Operation	Sbiis Saibian
6	Bower's Dimensional Arrays with []	-
7	Bird's multiple []	Chris Bird
8	marxen.c function	Heiner Marxen
9	Multi Dimensional Arrays	Jonathan Bowers

排名	名称	提出者
10	E# with # Operation	Sbiis Saibian
11	Bird's []	Chris Bird
12	Friedman's Sequence	Harvey Friedman
13	Worm function	-
14	Goodstein Sequence	Goodstein
15	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
16	Dimensional Arrays	Jonathan Bowers
17	Linar Arrays	Jonathan Bowers
18	Taro's multivariable Ackermann function	Taro
19	E# with Multiple #	Sbiis Saibian
20	Extended Bowers'Array Notation	Jonathan Bowers
21	Bowers'Array Notation	Jonathan Bowers
22	Bowers'Array Notation	Jonathan Bowers
23	Pete.C function series	Pete
24	CG Function	John Horton Conway, Richard Kenneth Guy
25	Bowers' {}	Jonathan Bowers
26	Chained Arrow	John Horton Conway, Richard Kenneth Guy
27	Clarkkkkson	-
28	Graham's Function $G(n)$	Ronald Graham
29	Graham's Function $g(n)$	Ronald Graham
30	Hyperlicious Function	-
#	FPCI 被发明 同年 Carlson 记号被提出	
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Duchhart's OCF	Duchhart

排名	名称	提出者
3	Rathjen's Ξ	Rathjen
4	Rathjen's χ	Rathjen
5	Mahlo OCF	-
6	I OCF	Gerhard Jäger, Wilfried Buchholz
7	Buchholz's Φ	Wilfried Buchholz
8	Ordinal diagrams	Gaisi Takeuti
9	Feferman's θ	Fefermann
10	Buchholz's Hydra	Wilfried Buchholz
11	Buchholz's ψ Function	Wilfried Buchholz
12	SCG Function	-
13	SSCG Function	-
14	Patterns of Resemblance	Carlson
15	Wilken's θ	Gunnar Wilken

G.31 2010 年

排名	名称	提出者
	大数	
1	Bird's Array (V1)	Chris Bird
2	Bowers' Exploding Array Function	Jonathan Bowers
3	Bowers' &	Jonathan Bowers
4	Hyper-E Notation	Sbiis Saibian
5	E# with # Hyper Operation	Sbiis Saibian
6	Bower's Dimensional Arrays with []	-
7	Bird's multiple []	Chris Bird
8	marxen.c function	Heiner Marxen
9	Multi Dimensional Arrays	Jonathan Bowers

排名	名称	提出者
10	E# with # Operation	Sbiis Saibian
11	Bird's []	Chris Bird
12	Friedman's Sequence	Harvey Friedman
13	Worm function	-
14	Goodstein Sequence	Goodstein
15	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
16	Dimensional Arrays	Jonathan Bowers
17	Linar Arrays	Jonathan Bowers
18	Taro's multivariable Ackermann function	Taro
19	E# with Multiple #	Sbiis Saibian
20	Extended Bowers'Array Notation	Jonathan Bowers
21	Bowers'Array Notation	Jonathan Bowers
22	Bowers'Array Notation	Jonathan Bowers
23	Pete.C function series	Pete
24	CG Function	John Horton Conway, Richard Kenneth Guy
25	Bowers' {}	Jonathan Bowers
26	Chained Arrow	John Horton Conway, Richard Kenneth Guy
27	Clarkkkkson	-
28	Graham's Function $G(n)$	Ronald Graham
29	Graham's Function $g(n)$	Ronald Graham
30	Hyperlicious Function	-
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Duchhart's OCF	Duchhart
3	Rathjen's Ξ	Rathjen

排名	名称	提出者
4	Rathjen's χ	Rathjen
5	Mahlo OCF	-
6	I OCF	Gerhard Jäger, Wilfried Buchholz
7	Buchholz's Φ	Wilfried Buchholz
8	Ordinal diagrams	Gaisi Takeuti
9	Feferman's θ	Fefermann
10	Buchholz's Hydra	Wilfried Buchholz
11	Buchholz's ψ Function	Wilfried Buchholz
12	SCG Function	-
13	SSCG Function	-
14	Patterns of Resemblance	Carlson
15	Wilken's θ	Gunnar Wilken

G.32 2011 年

排名	名称	提出者
	大数	
1	Bird's Array (V2)	Chris Bird
2	Bird's \sim	Chris Bird
3	Bird's Array (V1)	Chris Bird
4	Bowers' Exploding Array Function	Jonathan Bowers
5	Bowers' &	Jonathan Bowers
6	Hyper-E Notation	Sbiis Saibian
7	E# with # Hyper Operation	Sbiis Saibian
8	Bower's Dimensional Arrays with []	-
9	Bird's multiple []	Chris Bird
10	marxen.c function	Heiner Marxen

排名	名称	提出者
11	Multi Dimensional Arrays	Jonathan Bowers
12	E# with # Operation	Sbiis Saibian
13	Bird's []	Chris Bird
14	Friedman's Sequence	Harvey Friedman
15	Worm function	-
16	Goodstein Sequence	Goodstein
17	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
18	Dimensional Arrays	Jonathan Bowers
19	Linar Arrays	Jonathan Bowers
20	Taro's multivariable Ackermann function	Taro
21	E# with Multiple #	Sbiis Saibian
22	Bird's Linar Arrays	Chris Bird
23	C Function Peter	Hurford
24	Extended Bowers'Array Notation	Jonathan Bowers
25	Bowers'Array Notation	Jonathan Bowers
26	Bowers'Array Notation	Jonathan Bowers
27	Pete.C function series	Pete
28	CG Function	John Horton Conway, Richard Kenneth Guy
29	Bowers' {}	Jonathan Bowers
30	Chained Arrow	John Horton Conway, Richard Kenneth Guy
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Stegart's Large OCF	Jan-Carl Stegart
3	Stegart's Small OCF	Jan-Carl Stegart
4	Duchhart's OCF	Duchhart

排名	名称	提出者
5	Rathjen's Ξ	Rathjen
6	Rathjen's χ	Rathjen
7	Mahlo OCF	-
8	I OCF	Gerhard Jäger, Wilfried Buchholz
9	Buchholz's Φ	Wilfried Buchholz
10	Ordinal diagrams	Gaisi Takeuti
11	Feferman's θ	Fefermann
12	Buchholz's Hydra	Wilfried Buchholz
13	Buchholz's ψ Function	Wilfried Buchholz
14	SCG Function	-
15	SSCG Function	-

G.33 2012 年

排名	名称	提出者
	大数	
1	Bird's Array (V2)	Chris Bird
2	Bird's \sim	Chris Bird
3	Bird's Array (V1)	Chris Bird
4	Bowers' Exploding Array Function	Jonathan Bowers
5	Bowers' &	Jonathan Bowers
6	Hyper-E Notation	Sbiis Saibian
7	E# with # Hyper Operation	Sbiis Saibian
8	Bower's Dimensional Arrays with []	-
9	Bird's multiple []	Chris Bird
10	marxen.c function	Heiner Marxen
11	Fusible number	-

排名	名称	提出者
12	Multi Dimensional Arrays	Jonathan Bowers
13	E# with # Operation	Sbiis Saibian
14	Bird's []	Chris Bird
15	Friedman's Sequence	Harvey Friedman
16	Worm function	-
17	Goodstein Sequence	Goodstein
18	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
19	Dimensional Arrays	Jonathan Bowers
20	Linar Arrays	Jonathan Bowers
21	Taro's multivariable Ackermann function	Taro
22	E# with Multiple #	Sbiis Saibian
23	Bird's Linar Arrays	Chris Bird
24	Linar R Function (Old)	HypCos
25	C Function Peter	Hurford
26	Extended Bowers'Array Notation	Jonathan Bowers
27	Bowers'Array Notation	Jonathan Bowers
28	Bowers'Array Notation	Jonathan Bowers
29	Pete.C function series	Pete
30	CG Function	John Horton Conway, Richard Kenneth Guy
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Stegart's Large OCF	Jan-Carl Stegart
3	Stegart's Small OCF	Jan-Carl Stegart
4	Duchhart's OCF	Duchhart
5	Rathjen's Ξ	Rathjen

排名	名称	提出者
6	Rathjen's χ	Rathjen
7	Mahlo OCF	-
8	I OCF	Gerhard Jäger, Wilfried Buchholz
9	Buchholz's Φ	Wilfried Buchholz
10	Ordinal diagrams	Gaisi Takeuti
11	Feferman's θ	Fefermann
12	Buchholz's Hydra	Wilfried Buchholz
13	Buchholz's ψ Function	Wilfried Buchholz
14	SCG Function	-
15	SSCG Function	

G.34 2013 年

排名	名称	提出者
	大数	
1	Dollar Function	Wythagoras
2	Linar R Function	HypCos
3	Hyper-factoral Array Notation	Lawerence Hollom
4	Bowers' Exploding Array Function	Jonathan Bowers
5	Bird's $U(n)$	function Chris Bird
6	Bowers' &	Jonathan Bowers
7	Bird's Array $(V2)$	Chris Bird
8	Bird's \sim	Chris Bird
9	Bird's $S(n)$ function	Chris Bird
10	Bird's Array (V1)	Chris Bird
11	Bird's $H(n)$ function	Chris Bird
12	Extended Hyper-E	-

排名	名称	提出者
13	Hyper-E Notation	Sbiis Saibian
14	E# with # Hyper Operation	Sbiis Saibian
15	Bower's Dimensional	Arrays with [] -
16	Bird's multiple []	Chris Bird
17	marxen.c function	Heiner Marxen
18	Fusible number	-
19	Multi Dimensional Arrays	Jonathan Bowers
20	E# with #	Operation Sbiis Saibian
21	Bird's []	Chris Bird
22	Friedman's Sequence	Harvey Friedman
23	Worm function	-
24	Goodstein Sequence	Goodstein
25	Kirby-Paris Hydra	Laurie Kirby, Jeff Paris
26	Cascading-E Notation	Sbiis Saibian
27	Dimensional Arrays	Jonathan Bowers
28	Linar Arrays	Jonathan Bowers
29	Taro's multivariable Ackermann function	Taro
30	E# with multiple #	Sbiis Saibian
	序数	
1	Rathjen's Ordinal Collapsing Function	Rathjen
2	Stegart's Large OCF	Jan-Carl Stegart
3	Stegart's Small OCF	Jan-Carl Stegart
4	Duchhart's OCF	Duchhart
5	Rathjen's Ξ	Rathjen
6	K OCF	-
7	Rathjen's χ	Rathjen

排名	名称	提出者
8	Mahlo OCF	-
9	I OCF	Gerhard Jäger, Wilfried Buchholz
10	Buchholz's Φ	Wilfried Buchholz
11	Ordinal diagrams	Gaisi Takeuti
12	Feferman's θ	Fefermann
13	Buchholz's Hydra	Wilfried Buchholz
14	Buchholz's ψ Function	Wilfried Buchholz
15	SCG Function	-

G.35 2014 年

排名	名称	提出者
1	[]-Stb	HypCos
2	Rathjen's Ordinal Collapsing Function	Rathjen
3	Catching Function	HypCos
4	R Function	HypCos
5	Bowers' Exploding Array Function	Jonathan Bowers
6	Stegart's Large OCF	Jan-Carl Stegart
7	Stegart's Small OCF	Jan-Carl Stegart
8	Duchhart's OCF	Duchhart
9	Dollar Function	Wythagoras
10	Rathjen's Ξ	Rathjen
11	K OCF	-
12	Rathjen's χ	Rathjen
13	Mahlo OCF	-
14	Linar R Function	HypCos
15	Hyper-factoral Array Notation	Lawerence Hollom

排名	名称	提出者
16	I OCF	Gerhard Jäger
		Wilfried Buchholz
17	Buchhoz's Φ	Wilfried Buchholz
18	Bird's Array	Chris Bird
19	Ordinal diagrams	Gaisi Takeuti
20	Feferman's θ	Fefermann
21	Buchholz's Hydra	Wilfried Buchholz
22	Buchholz's ψ Function	Wilfried Buchholz
23	SCG Function	-
24	SSCG Function	-
25	Bowers' &	Jonathan Bowers
26	Taranovsky's Ordinal Notation (Old)	Taranovsky
27	Patterns of Resemblance	Carlson
28	Wilken's θ	Gunnar Wilken
29	Extended Hyper-E	-
30	1st Catching Point of G/F	Girard
31	Bird's $U(n)$ function	Chris Bird
32	Bird's Array (V2)	Chris Bird
33	Bird's \sim	Chris Bird
34	Madore's ψ Function	Madore
35	Bachmann's ψ	Bachmann
36	Bird's $S(n)$ function	Chris Bird
37	Bird's Array (V1)	Chris Bird
38	Bird's $H(n)$ function	Chris Bird
39	Veblen Function	Oswald Veblen
40	TREE function	Harvey Friedman

G.36 2015 年

排名	名称	提出者
1	Taranovsky's Ordinal Notation	Taranovsky
2	Trio Sequence System	Bashicu
3	[]-Stb	HypCos
4	Catching Function	HypCos
5	Strong Array Notation	HypCos
6	Rathjen's Ordinal Collapsing Function	Rathjen
7	R Function	HypCos
8	Bowers' Exploding Array Function	Jonathan Bowers
9	Secondry Dropping Array Notation	HypCos
10	Degrees of Reflection	Taranovsky
11	Stegart's Large OCF	Jan-Carl Stegart
12	Pirmary Dropping Array Notation	HypCos
13	Stegart's Small OCF	Jan-Carl Stegart
14	Duchhart's OCF	Duchhart
15	Dollar Function	Wythagoras
16	Rathjen's Ξ	Rathjen
17	K OCF	-
18	Rathjen's χ	Rathjen
19	Mahlo OCF	-
20	Linar R Function	HypCos
21	Hyper-factoral Array Notation	Lawerence Hollom
22	I OCF	Gerhard Jäger Wilfried Buchholz
23	Buchhoz's Φ	Wilfried Buchholz
24	Bird's $H(n)$ function	Chris Bird
25	Bird's Array	Chris Bird

排名	名称	提出者
26	Ordinal diagrams	Gaisi Takeuti
27	Feferman's θ	Fefermann
28	Buchholz's Hydra	Wilfried Buchholz
29	Buchholz's ψ Function	Wilfried Buchholz
30	SCG Function	-
31	SSCG Function	-
32	Bowers' &	Jonathan Bowers
33	Taranovsky's Ordinal Notation (Old)	Taranovsky
34	Patterns of Resemblance	Carlson
35	Wilken's θ	Gunnar Wilken
36	Pair Sequence System	Bashicu
37	Extended Hyper-E	-
38	Mulptily Expanding Array Notation	HypCos
39	1st Catching Point of G/F	Girard
40	Bird's $U(n)$ function	Chris Bird

G.37 2016 年

排名	名称	提出者
1	Taranovsky's Ordinal Notation	Taranovsky
2	Trio Sequence System	Bashicu
3	[]—Stb	HypCos
4	Rathjen's Ordinal Collapsing Function	Rathjen
5	Iteration of n-built from below	Taranovsky
6	Built-from-below	Taranovsky
7	Degrees of Reflection	Taranovsky
8	Reflection configuration	Taranovsky

排名	名称	提出者
9	Catching Function	HypCos
10	Strong Array Notation	HypCos
11	Dropping hydra	HypCos
12	R Function	HypCos
13	3-Dropping hydra	HypCos
14	Bowers' Exploding Array Function	Jonathan Bowers
15	Secondry Dropping Array Notation	HypCos
16	Stegart's Large OCF	HypCos
17	Pirmary Dropping Array Notation	Jan-Carl Stegart
18	Stegart's Small OCF	HypCos
19	2-Dropping hydra	Jan-Carl Stegart
20	Duchhart's OCF	Wythagoras
21	Dollar Function	Duchhart
22	Rathjen's Ξ	Rathjen
23	K OCF	-
24	Rathjen's χ	Rathjen
25	Mahlo OCF	-
26	Linar R Function	HypCos
27	Hyper-factoral Array Notation	Lawerence Hollom
28	I OCF	Gerhard Jäger Wilfried Buchholz
29	Buchhoz's Φ	Wilfried Buchholz
30	Extended Buchholz's ψ Function	Denis Maksudov
31	Bird's $H(n)$ function	Chris Bird
32	Bird's Array	Chris Bird
33	Ordinal diagrams	Fefermann
34	Feferman's θ	Gaisi Takeuti

排名	名称	提出者
35	Buchholz's Hydra	Wilfried Buchholz
36	Buchholz's ψ Function	Wilfried Buchholz
37	SCG Function	-
38	SSCG Function	-
39	Bowers' &	Jonathan Bowers
40	Taranovsky's Ordinal Notation (Old)	Taranovsky

G.38 2017 年

排名	名称	提出者
1	Taranovsky's Ordinal Notation	Taranovsky
2	idealized Bashicu Martix System	Bashicu
3	Trio Sequence System	Bashicu
4	primary Dropper Dropping Notation	HypCos
5	[]—Stb	HypCos
6	Rathjen's Ordinal Collapsing Function	Rathjen
7	WDmEN	HypCos
8	Iteration of n-built from below	Taranovsky
9	Built-from-below	Taranovsky
10	Degrees of Reflection	Taranovsky
11	Reflection configuration	Taranovsky
12	Catching Function	HypCos
13	Multiple Weak Declinator Expanding	HypCos
14	Weak Declinator Expanding	HypCos
15	Nested Dropping Array Notation	HypCos
16	Strong Array Notation	HypCos
17	Dropping hydra	HypCos

排名	名称	提出者
18	R Function	HypCos
19	3-Dropping hydra	HypCos
20	Bowers' Exploding Array Function	Jonathan Bowers
21	Secondry Dropping Array Notation	HypCos
22	Stegart's Large OCF	Jan-Carl Stegart
23	Pirmary Dropping Array Notation	HypCos
24	Stegart's Small OCF	Jan-Carl Stegart
25	2-Dropping hydra	HypCos
26	Duchhart's OCF	Duchhart
27	Dollar Function	Wythagoras
28	Rathjen's Ξ	Rathjen
29	K OCF	-
30	Rathjen's χ	Rathjen
31	Mahlo OCF	-
32	Linar R Function	HypCos
33	Hyper-factoral Array Notation	Lawerence Hollom
34	I OCF	Gerhard Jäger Wilfried Buchholz
35	Buchhoz's Φ	Wilfried Buchholz
36	Sudden Sequence System	Bashicu
37	Extended Buchholz's ψ Function	Denis Maksudov
38	Bird's $H(n)$ function	Chris Bird
39	Bird's Array	Chris Bird
40	Ordinal diagrams	Gaisi Takeuti
#	Little Bigeddon 被 Emlightened 提出	

G.39 2018 年

排名	名称	提出者
1	Bashicu Matrix System	Bashicu
2	BMOCF	P 進大好き bot
3	idealized Bashicu Martix System	Bashicu
4	Quadro Sequence System	Bashicu
5	Trio Sequence System	Bashicu
6	primary Dropper Dropping Notation	HypCos
7	[]-Stb	HypCos
8	Rathjen's Ordinal Collapsing Function	Rathjen
9	Sudden Hydra	Bashicu
10	WDmEN	HypCos
11	Iteration of n-built from below	Taranovsky
12	Built-from-below	Taranovsky
13	Degrees of Reflection	Taranovsky
14	Reflection configuration	Taranovsky
15	Catching Function	HypCos
16	Multiple Weak Declinator Expanding	HypCos
17	Weak Declinator Expanding	HypCos
18	Nested Dropping Array Notation	HypCos
19	Username5243's OCF	Username5243
20	Taranovsky's Ordinal Notation	Taranovsky
21	Strong Array Notation	HypCos
22	Dropping hydra	HypCos
23	R Function	HypCos
24	NICE Function	Naroyuko
25	3-Dropping hydra	HypCos
26	Bowers' Exploding Array Function	Jonathan Bowers

排名	名称	提出者
27	Secondry Dropping Array Notation	HypCos
28	Stegart's Large OCF	Jan-Carl Stegart
29	Pirmary Dropping Array Notation	HypCos
30	Stegart's Small OCF	Jan-Carl Stegart
31	2-Dropping hydra	HypCos
32	π Notation	Username5243
33	Duchhart's OCF	Duchhart
34	Dollar Function	Wythagoras
35	Weak Username5243's OCF	Username5243
36	Rathjen's Ξ	Rathjen
37	K OCF	-
38	Rathjen's χ	Rathjen
39	Mahlo OCF	-
40	Linar R Function	HypCos
#	Sasquatch 被 Emlightened 提出	

G.40 2019 年

排名	名称	提出者
1	Bubby3 TBMS Extended	Bubby3
2	Bubby3 TBMS Normal	Bubby3
3	Bashicu Sudden Matrix	Bashicu
4	Bashicu Hyper Matrix	Bashicu
5	Bashicu Matrix System	Bashicu
6	Bashicu Matrix V4.1	Bashicu
7	BMOCF	P 進大好き bot
8	idealized Bashicu Martix System	Bashicu

排名	名称	提出者
9	Quadro Sequence System	Bashicu
10	Trio Sequence System	Bashicu
11	primary Dropper Dropping Notation	HypCos
12	[]-Stb	HypCos
13	Rathjen's Ordinal Collapsing Function	Rathjen
14	Sudden Hydra	Bashicu
15	WDmEN	HypCos
16	Iteration of n-built from below	Taranovsky
17	Built-from-below	Taranovsky
18	Degrees of Reflection	Taranovsky
19	Reflection configuration	Taranovsky
20	Multiple Weak Declinator Expanding	HypCos
21	Weak Declinator Expanding	HypCos
22	Nested Dropping Array Notation	HypCos
23	Username5243's OCF	Username5243
24	Taranovsky's Ordinal Notation	Taranovsky
25	Strong Array Notation	HypCos
26	Dropping hydra	HypCos
27	R Function	HypCos
28	NICE Function	Naroyuko
29	3-Dropping hydra	HypCos
30	Secondry Dropping Array Notation	HypCos
31	Catching Function	HypCos
32	Stegart's Large OCF	Jan-Carl Stegart
33	Pirmary Dropping Array Notation	HypCos
34	Stegart's Small OCF	Jan-Carl Stegart

排名	名称	提出者
35	2-Dropping hydra	HypCos
36	Order Level Array Notation V3	ych
37	π Notation	Username5243
38	Duchhart's OCF	Duchhart
39	Dollar Function	Wythagoras
40	Weak Username5243's OCF	Username5243

G.41 2020 年

排名	名称	提出者
1	Y Sequence	Yukito
2	Bubby3 TBMS Extended	Bubby3
3	Bubby3 TBMS Normal	Bubby3
4	Hassium's TBMS	Hassium
5	Weak Splatium TBMS	Bubby3
6	Bashicu Sudden Matrix	Bashicu
7	Bashicu Hyper Matrix	Bashicu
8	Bashicu Matrix System	Bashicu
9	Bashicu Matrix V4.1	Bashicu
10	0-Y Sequence	Yukito
11	BMOCF	P 進大好き bot
12	idealized Bashicu Martix System	Bashicu
13	Quadro Sequence System	Bashicu
14	Small Hyper Projection Notation	test_alpha0
15	Trio Sequence System	Bashicu
16	Simple Projection	test_alpha0
17	ex-UNOCF	P 進大好き bot

排名	名称	提出者
18	3-Projection	test_alpha0
19	primary Dropper Dropping Notation	HypCos
20	[]-Stb	HypCos
21	Rathjen's Ordinal Collapsing Function	Rathjen
22	Sudden Hydra	Bashicu
23	WDmEN	HypCos
24	Iteration of n-built from below	Taranovsky
25	Built-from-below	Taranovsky
26	Degrees of Reflection	Taranovsky
27	Reflection configuration	Taranovsky
28	2—Projection	test_alpha0
29	Multiple Weak Declinator Expanding	HypCos
30	Weak Declinator Expanding	HypCos
31	Nested Dropping Array Notation	HypCos
32	Username5243's OCF	Username5243
33	Taranovsky's Ordinal Notation	Taranovsky
34	Strong Array Notation	HypCos
35	Dropping hydra	HypCos
36	R Function	HypCos
37	Order Level Array Notation V4	ych
38	NICE Function	Naroyuko
39	3—Dropping hydra	HypCos
40	Secondry Dropping Array Notation	HypCos

G.42 2021 年

排名	名称	提出者
1	Crater BMS	Bubby3, Aarex
2	ω -Y Sequence	Yukito, naruyoko
3	2-Y Sequence	Yukito, naruyoko
4	Y Sequence	Yukito
5	Dimensional Bashicu Martix System	-
6	ω +1 row Y	-
7	Bubby3 TBMS Extended	Bubby3
8	Bubby3 TBMS Normal	Bubby3
9	Aarex's strong ex-UNOCF with \$	Aarex
10	Hassium's TBMS	Hassium
11	Weak Splatium TBMS	Bubby3
12	Uncountable TBMS	-
13	Apotheosis Ordinal Notation	-
14	Bashicu Sudden Matrix	Bashicu
15	Bashicu Hyper Matrix	Bashicu
16	Bashicu Matrix System	Bashicu
17	Bashicu Matrix V4.1	Bashicu
18	0-Y Sequence	Yukito
19	BMOCF	P 進大好き bot
20	idealized Bashicu Martix System	Bashicu
21	Σ_2 Stb System	Yukito
22	Quadro Sequence System	Bashicu
23	Small Hyper Projection Notation	test_alpha0
24	Non-recursive TON	Taranovsky
25	Weak MCS projection	test_alpha0
26	Trio Sequence System	Bashicu

排名	名称	提出者
27	HPrSS ψ	-
28	Simple Projection	test_alpha0
29	ex-UNOCF	P 進大好き bot
30	3—Projection	test_alpha0
31	primary Dropper Dropping Notation	HypCos
32	Lifting K -Notation	test_alpha0
33	[]—Stb	HypCos
34	Rathjen's Ordinal Collapsing Function	Rathjen
35	Sudden Hydra	Bashicu
36	WDmEN	HypCos
37	Lifting Ω Notation	test_alpha0
38	Iteration of n-built from below	Taranovsky
39	Built-from-below	Taranovsky
40	Degrees of Reflection	Taranovsky

G.43 2022 年

排名	名称	提出者
1	fake fake Z function	yahtzee
2	Strong Ω -Y	-
3	Crater BMS	Bubby3, Aarex
4	Yto's Y-Y	-
5	Ω -Y Sequence	CIF, HypCos
6	ω -Y Sequence	Yukito, naruyoko
7	2-Y Sequence	Yukito, naruyoko
8	Patterns of Resemblance	Carlson
9	Y Sequence	Yukito

排名	名称	提出者
10	VZ-Sequense	-
11	Dimensional Bashicu Martix System	-
12	ω +1 row Y	-
13	Bubby3 TBMS Extended	Bubby3
14	Bubby3 TBMS Normal	Bubby3
15	Aarex's TBMS	Aarex
16	Aarex's strong ex-UNOCF with \$	Aarex
17	Aarex's Redirection	Aarex
18	Hassium's TBMS	Hassium
19	Weak Splatium TBMS	Bubby3
20	Uncountable TBMS	-
21	Crazy-Hydra Notation	Gomen
22	Apotheosis Ordinal Notation	-
23	Bashicu Sudden Matrix	Bashicu
24	Bashicu Hyper Matrix	Bashicu
25	Bashicu Matrix System	Bashicu
26	Bashicu Matrix V4.1	Bashicu
27	0-Y Sequence	Yukito
28	BMOCF	P 進大好き bot
29	idealized Bashicu Martix System	Bashicu
30	Σ_2 Stb System	Yukito
31	Quadro Sequence System	Bashicu
32	strong DLON	Aarex
33	Small Hyper Projection Notation	test_alpha0
34	Strong ex-UNOCF	-
35	Non-recursive TON	Taranovsky

排名	名称	提出者
36	Weak MCS projection	test_alpha0
37	Trio Sequence System	Bashicu
38	$\mathrm{HPrSS}\ \psi$	-
39	Simple Projection	test_alpha0
40	ex-UNOCF	P 進大好き bot

G.44 2023 年

排名	名称	提出者
1	Mutant Martix System	Aarex
2	Nested Crater Y	Bubby3
3	Crater Y	Bubby3, Aarex
4	Strong Ω -Y	-
5	Crater BMS	Bubby3, Aarex
6	Yto's Y-Y	-
7	Ω-Y Sequence	CIF, HypCos
8	X-Y Sequence	Gomen
9	$\omega-Y$ Sequence	Yukito, naruyoko
10	Dementional $n-Y$	series Gomen
11	2-Y Sequence	Yukito, naruyoko
12	Strong Y Sequence	-
13	Y Sequence	Yukito
14	VZ-Sequense	-
15	Dimensional Bashicu Martix System	-
16	Simpleness Admissble Mark	夏夜星空
17	fake fake Z function	yahtzee
18	ω +1 row Y	-

排名	名称	提出者
19	Bubby3 TBMS Extended	Bubby3
20	Strong Splatium TBMS	-
21	Bubby3 TBMS Normal	Bubby3
22	Aarex's TBMS	Aarex
23	Aarex's strong ex-UNOCF with \$	Aarex
24	Aarex's Redirection	Aarex
25	Hassium's TBMS	Hassium
26	Weak Splatium TBMS	Bubby3
27	Strong ex-UNOCF Redirection+rows	-
28	Strong ex-UNOCF Defection+1-plus rows	-
29	Uncountable TBMS	-
30	Crazy-Hydra Notation	Gomen
31	Arai's OCF	Toshiyasu Arai
32	Apotheosis Ordinal Notation	-
33	Patterns of Resemblance	Carlson
34	Bashicu Sudden Matrix	Bashicu
35	Bashicu Hyper Matrix	Bashicu
36	Crane Matrix System	test_alpha0
37	Bashicu Matrix System	Bashicu
38	Bashicu Matrix V4.1	Bashicu
39	0-Y Sequence	Yukito
40	Hierarchial Increase Unit Notation	318'4

G.45 2024 年上半年

排名	名称	提出者
1	Fake Fake Fake Z rules	Asheep233 & xyxk

排名	名称	提出者
2	Remaining Y System	-
3	a-Y Description	-
4	Basic Ordinal Sequence	qwerty
5	b-FOS 318'4	
6	X-Y Sequence	Gomen
7	Nested Crater Y	Bubby3
8	Crater Y	Bubby3 & Aarex
9	Mutant Martix System	Aarex
10	Strong Ω -Y	-
11	Crater BMS	Bubby3 & Aarex
12	Yto's Y-Y	-
13	CIF's Ω -Y Sequence	CIF & Hyp_cos
14	Transfinite DBMS	-
15	$\omega-Y$ Sequence	Yukito & naruyoko
16	Dementional $n-Y$ series	Gomen
17	abc Notation	-
18	2-Y Sequence	Yukito & naruyoko
19	Strong Y Sequence	-
20	Y Sequence	Yukito
21	Apotheosis Ordinal Notation	-
22	VZ-Sequense	-
23	Proportional Difference Martix	318'4
24	fake fake Z function	yahtzee
25	$\omega + 1 \text{ row Y}$	-
26	Bracket Sequence System	貓娘
27	Bubby3 TBMS Extended	Bubby3

排名	名称	提出者
28	Strong Splatium TBMS	-
29	Bubby3 TBMS Normal	Bubby3
30	Aarex's TBMS	Aarex
31	Aarex's strong ex-UNOCF with \$	Aarex
32	Aarex's Redirection	Aarex
33	Hassium's TBMS	Hassium
34	Weak Splatium TBMS	Bubby3
35	α -Ordinaal Notation	Bugit
36	Strong ex-UNOCF Redirection+rows	-
37	Strong ex-UNOCF Defection+1-plus rows	-
38	Uncountable TBMS	-
39	KPrSS	摆烂的小猫
40	Crazy-Hydra Notation	Gomen
#	Simpleness Admissble Mark	xyxk

G.46 2024 年下半年

排名	名称	提出者
1	FOS 911	318'4
2	Fake Fake Fake Z rules	Asheep233 & xyxk
3	Fake Fake Z actions	Yathzee & Aarex
4	X-P	最菜萌新
5	a-Y Description	-
6	$\omega \cdot 2$ Mountain Notation	Hyp_cos
7	Mutant Martix System	Aarex & Hyp_cos
8	X-Y Sequence	Gomen
9	Nested Crater Y	Bubby3

排名	名称	提出者
10	High Elevate System	xyxk
11	Crater Y	Bubby3 & Aarex
12	Differential Matrix System	xyxk & Asheep233
13	SFSS	waffle3z
14	Strong Ω -Y	-
15	Experimental Remaning Matrix	Asheep233
16	Crater BMS	Bubby3 & Aarex
17	Yto's Y-Y	-
18	Transfinite ω Mountain Notation	Hyp_cos
19	CIF's Ω−Y Sequence	CIF & Hyp_cos
20	Transfinite DBMS	-
21	ω -Y Sequence	Yukito & naruyoko
22	Mountain Notation	Hyp_cos
23	$\omega \sim Y$ Sequence (Dimensional)	Gomen
24	ω -Dimension Multi Layer BMS Relation	Asheep233
25	abc Notation	-
26	2-Y Sequence	Yukito & naruyoko
27	Strong Y Sequence	_
28	Remaining Y System	_
29	Y Sequence	Yukito
30	Apotheosis Ordinal Notation	-
31	VZ-Sequense	-
32	Proportional Difference Martix	318'4
33	$\omega + 1 \text{ row Y}$	-
34	Basic Laver Pattern	Test_alpha0
35	Bracket Sequence System	貓娘

排名	名称	提出者
36	Bubby3 TBMS Extended	Bubby3
37	Strong Splatium TBMS	-
38	Bubby3 TBMS Normal	Bubby3
39	Aarex's TBMS	Aarex
40	Aarex's strong ex-UNOCF with \$	Aarex

附录 H 直接引用或者翻译的文献

由于作者水平所限,讲义中仍然包含着大量直接引用其他资料或者翻译其他资料的章节。作者感谢这些珍贵资料的创作者所付出的艰辛的努力,这些部分的内容应当全部归功于原作者。在本附录中,我们将对具体的章节及其来源进行说明,

vol.1

Veblen 函数

"扩展序元 Veblen 函数"一节的内容直接引自梅天狸的知乎文章^[214]。"弱 Veblen 函数"一节的分析引自 phyrion 的分析。

序数折叠函数

"FGH 与 SGH 的追平"一节的内容摘录自梅天狸的知乎文章 [215]。

大数相关问题(一)

"tree 函数和 TREE 函数"一节中的部分内容直接引自 HypCos 的知乎文章[216]。

反射序数

本章部分内容直接引自梅天狸的知乎文章[217],部分内容直接引自绵羊的知乎文章[218]。

稳定序数

本章内容直接引自绵羊的知乎文章[219-225]。

投影序数

本章内容直接引自绵羊的知乎文章[226-228]。

Bashicu 矩阵

"BMS 的强度"和"提升效应初探"两节的内容直接引自梅天狸的分析^[229,6],"BMS 的停机证明"一节内容直接引自反物质永恒之念的知乎文章^[230]。

Y 序列

"Y 序列的强度"一节引自 $^{[231,2]}$,"Y(1,3,4,3) 提升"一节的内容直接引自绵羊的知乎文章 $^{[232-234]}$ 。

大数相关问题 (二)

"Loader 函数"一节内容翻译自^[235],"有限承诺游戏"一节内容翻译自 Googology Wiki 的相应词条^[159],"Friedman 有限数函数"一节内容翻译自 Googology Wiki 的相应词条^[160],"贪心团序列函数"一节内容翻译自 Googology Wiki 的相应词条^[161],"Laver 表"一节内容翻译自 Googology Wiki 的相应词条^[162],"Laver Table Yarn"一节内容翻译自文献^[236]。

可计算性理论

"Kleene's O"一节翻译自 GoogologyWiki 的词条[164,237]。

不可计算数

"输出最大数的程序"一节的内容直接引自 HypCos 的知乎文章 $^{[238]}$,"TR 函数"一节翻译自 GoogologyWiki 的词条 $^{[239]}$,"无限时间 Turing 机"一节翻译自 GoogologyWiki 的词条 $^{[168]}$,"超计算模型"一节的内容翻译自 $^{[240]}$ 。

不可定义数

"大数花园数"一节翻译自 P 進大好き bot 的日文原文 $^{[241]}$ 。"DaVinci 数"一节内容翻译自 DaVinci 的文章 $^{[171]}$ 。

vol.2

良序性证明

"PrSS 停机性"一节的内容翻译自 [242] 的日文原文,"BMS 的停机证明"一节内容直接引自反物质永恒之念的知乎文章 [230],"变换映射"一节的内容翻译自 [243] 的日文原文,"PSS 停机性"一节的内容翻译自 [244] 的日文原文,"HPrSS 停机性"一节的内容翻译自 [245] 的日文原文,"DBMS 与 Y(1,3) 的转换(未完成)"一节的内容翻译自 [246] 的日文原文,"强制箭头记号的停机性"一节的内容翻译自 [247] 的日文原文,"巨型市场树的分析"一节的内容翻译自 [248] 的日文原文,"Hidohido 的停机证明"一节的内容翻译自 [249] 的日文原文。

形式化大数数学

"至 BO 的 OCF"一节的内容翻译自 $^{[250]}$,"Coq 形式化大数数学"一节的内容直接引自 $^{[251]}$,本章其余内容引自 ocau 的知乎专栏 $^{[252-263]}$ 。

序数折叠函数 (二)

本章中的各个版本记号翻译自英文原文,见各节的参考文献。

大数相关问题(三)

"tree(4) 的下界"一节的内容直接引自 HypCos 的知乎文章 [264],"SCG 平面图编序"一节的内容翻译自 HypCos 的文章 [265],"BB(5) 的证明"一节的内容翻译自 BBChallenge 合作组的论文 [266]。

Bowers 数阵

"Bowers 数阵"一章的内容引自[124,267-269]。

Bird 数阵

"Bird 数阵"一章的内容引自[96,270,124]。

美元记号

"美元数阵"一章的内容翻译自 GoogologyWiki 的词条[271,131]。

强数阵

"强数阵"一章的分析引自 $^{[2]}$,"R"函数一节翻译自 $^{[272-281]}$,"Dropping Hydra 记号"一节翻译自 $^{[282]}$,其余内容翻译自 $^{[283-311]}$ 。

Username's OCF

"Username's OCF"一章的内容翻译自 Username5243 的文章^[312]。

Taranovsky 序数记号

"Taranovsky 序数记号"一章的内容翻译自 HypCos 的文章 [313]。

超越 Rayo 数的记号

"超越 Rayo 数的记号"一章的内容翻译自 GoogologyWiki 的词条 $^{[314-322]}$ 。

解析与层次

"解析的增长层次"一节内容翻译自^[323],"非经典增长率"一节内容翻译自^[324-325],"FGH与 SGH的追平"、"追平函数"两节内容直接引自^[215],"沙拉数"一节内容直接引自^[326]。

Worm 型记号行为

"BHM"分析一节直接引自 $^{[327-334]}$,"BSM"分析一节直接引自 $^{[335-343]}$,"超限 BMS"一节直接引自 $^{[344-348]}$,"Bubby3's TBMS"一节直接引自 $^{[2,232-234]}$ 。

游戏与大数

"万智牌最大循环"一节的内容直接引自 HypCos 的知乎文章 [349],"几何冲刺"一节的内容翻译自[350],"增量游戏"一节的内容翻译自[351]。

集合论名词

"集合论复宇宙"一节内容直接引自[352]。

更高的非递归序数

"容许稳定"一节的内容翻译自 HypCos 的文章^[353]," Σ_2 稳定"一节的内容直接引自最菜萌新的知乎文章^[354],"间隙序数"一节的内容翻译自^[355]。

序列型记号扩展

"X-Y 序列"一节的内容直接引自[356],"山脉记号"一节的内容直接引自[357]。

传递型记号

"FOS"、"fffz"两节内容直接引自作者本人的定义文档。"fffz"一节的分析引自[358-377]。

传递型记号

"Arai's OCF"一节的内容翻译自 Arai 的论文^[378], "Laver Table Yarn"一节内容翻译自文献^[236],

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附录

附录"递归序数表"主要引自 $^{[1-2,6-17,24-28,32-37,18-23,29-31,38-41]}$,"重要记号及其极限"主要引自 $^{[3]}$,"可数非递归序数表"主要引自 $^{[172]}$,"证明论序数表"主要引自 $^{[174]}$,"有名字的序数表"主要引自 $^{[211]}$,"大基数表"主要引自 $^{[212]}$,"不同时期记号排名"主要引自 4574 的分析。

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"习题"部分内容引自[379],"记号的程序定义"见各节的参考文献,"有名字的大数"引自[5],"大型分析"引自[147,380]。

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