Table of examples with $p_g = 1$

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Contents

1 $2I_8 + I_4 + I_2 + 2I_1$

Input:

```
Output: data/K3_2I82I1I2I4
Summary_Output: tables/K3_2I82I1I2I4
Summary_Style: LaTeX_Table

Single_Chain: Y
Double_Chain: Y
Single_QHD: Y
Double_QHD: Y
Keep_First: global
# Search_For: 11
Search_For: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

Nef_Check: print
Effective_Check: N
Obstruction_Check: N

Summary_Include_GCD: Y
LaTeX_Include_Subsection: Y



Fibers:
    I8 Fix
        L_2 E_7 E_8 L_3 E_4 L_1 E_2 E_1
    I8
        LL_2 EE_7 EE_8 LL_3 EE_4 LL_1 EE_2 EE_1
    I1
        F_1
    I1
        F_2
    I2
        B1 B2
    I4
        L P1 C P2


Merge:
    G_1
        F_1 F_1
    G_2
```

```
        F_2 F_2

Sections(-2):
    E_3 Fix
        E_2 EE_2 F_1 F_2 B1 C
    E_5
        E_4 EE_4 F_1 F_2 B1 L
    E_6
        L_2 LL_2 F_1 F_2 B1 L
    E_9
        E_8 EE_8 F_1 F_2 B1 C

    M
        E_4 L_2 EE_4 LL_2 G_1 G_2 B2 B2 C C
    N
        E_2 E_8 EE_2 EE_8 G_1 G_2 B2 B2 L L

    MR2
        E_1 L_3 EE_1 LL_3 G_1 G_2 B1 B1 P2 P2
    ML1
        E_7 L_1 EE_7 LL_1 G_1 G_2 B1 B1 P1 P1

    MR1
        E_1 LL_3 F_1 F_2 B2 P1
    MMR1
        EE_1 L_3 F_1 F_2 B2 P1

    ML2
        E_7 LL_1 F_1 F_2 B2 P2
    MML2
        EE_7 L_1 F_1 F_2 B2 P2
```

Result:

1.1 2 chains, $K^2 = 10$

2 chains, $K^2 = 10$							
(n, a)	Length	(n, a)	Length	GCD	Nef	WH	Index
$(513, 212)$	13	$(121, 50)$	10	1	YES	–	1
$(19309, 5695)$	22	$(139, 41)$	11	1	YES	NO	2
$(19843, 5873)$	22	$(571, 169)$	14	1	YES	NO	3

1.2 2 chains, $K^2 = 11$

2 chains, $K^2 = 11$							
(n, a)	Length	(n, a)	Length	GCD	Nef	WH	Index
$(58441, 21457)$	24	$(42249, 15512)$	23	1	YES	NO	4
$(88889, 33952)$	24	$(51584, 19703)$	23	1	YES	NO	5

1.3 2 chains, $K^2 = 12$

2 chains, $K^2 = 12$							
(n, a)	Length	(n, a)	Length	GCD	Nef	WH	Index
$(2687, 795)$	17	$(436, 129)$	13	1	YES	–	6
$(86547, 25607)$	24	$(12, 5)$	5	3	YES	–	7
$(86682, 25631)$	24	$(18, 5)$	6	6	YES	–	8
$(263303, 77905)$	27	$(436, 129)$	13	1	YES	NO	9

(n, a)	Length	(n, a)	Length	GCD	Nef	WH	Index
$(266348, 78757)$	27	$(487, 144)$	13	1	YES	NO	10
$(267721, 78962)$	27	$(4, 1)$	3	1	YES	–	11
$(326316, 96487)$	27	$(3, 1)$	2	3	YES	NO	12
$(g; 0, 0, 0; 19)$	6	$(28577, 6522)$	23	1	YES	–	13
$(h; 0, 1, 0; 8)$	6	$(24587, 7302)$	22	1	YES	–	14