MPS 文件数学模型提取

完整版

MPS Extractor

2025 年 7 月 8 日

目录

1 模型概览

文件名: n3706.mps
模型名: name
变量总数: 10000
约束总数: 5150
优化方向: Minimize

2 目标函数

目标函数摘要:

$$\min \quad Z = \sum_i c_i Y_i + \sum_j d_j X_j \tag{1}$$

Y 变量: 5000 个，系数范围 [6403, 25596]
X 变量: 5000 个，系数范围 [3, 8]
完整目标函数:

$$\begin{aligned}
\min \quad Z = {} & 20249Y_{4998} + 14984Y_0 + 22914Y_1 && (2)\\
& + 8655Y_2 + 20473Y_3 + 6782Y_4 && (3)\\
& + 13407Y_5 + 23337Y_6 + 7686Y_7 && (4)\\
& + 15423Y_8 + 17482Y_9 + 14289Y_{10} && (5)\\
& + 17707Y_{11} + 12402Y_{12} + 9434Y_{13} && (6)\\
& + 15013Y_{14} + 16219Y_{15} + 19937Y_{16} && (7)\\
& + 10494Y_{17} + 13592Y_{18} + 19533Y_{19} && (8)\\
& + 10729Y_{20} + 22986Y_{21} + 25230Y_{22} && (9)\\
& + 22180Y_{23} + 19184Y_{24} + 8709Y_{25} && (10)\\
& + 12441Y_{26} + 11575Y_{27} + 12816Y_{28} && (11)\\
& + 17414Y_{29} + 11542Y_{30} + 22950Y_{31} && (12)\\
& + 8385Y_{32} + 20047Y_{33} + 9051Y_{34} && (13)\\
& + 16707Y_{35} + 18228Y_{36} + 22960Y_{37} && (14)\\
& + 24479Y_{38} + 20392Y_{39} + 8742Y_{40} && (15)\\
& + 25240Y_{41} + 21807Y_{42} + 13812Y_{43} && (16)\\
& + 13270Y_{44} + 20383Y_{45} + 16486Y_{46} && (17)\\
& + 16695Y_{47} + 21426Y_{48} + 13507Y_{49} && (18)\\
& + 20973Y_{50} + 6741Y_{51} + 10592Y_{52} && (19)\\
& + 10355Y_{53} + 15045Y_{54} + 17351Y_{55} && (20)\\
& + 21626Y_{56} + 12986Y_{57} + 25031Y_{58} && (21)\\
& + 8571Y_{59} + 15951Y_{60} + 13682Y_{61} && (22)\\
& + 11676Y_{62} + 16819Y_{63} + 21636Y_{64} && (23)\\
& + 7376Y_{65} + 23944Y_{66} + 9561Y_{67} && (24)\\
& + 14676Y_{68} + 24320Y_{69} + 7407Y_{70} && (25)
\end{aligned}$$

$$+ 22302Y_{71} + 9125Y_{72} + 13664Y_{73} \tag{26}$$

$$+ 12230Y_{74} + 7363Y_{75} + 20636Y_{76} \tag{27}$$

$$+ 17611Y_{77} + 12217Y_{78} + 14876Y_{79} \tag{28}$$

$$+ 23839Y_{80} + 13134Y_{81} + 10400Y_{82} \tag{29}$$

$$+ 24204Y_{83} + 22849Y_{84} + 10040Y_{85} \tag{30}$$

$$+ 21960Y_{86} + 9658Y_{87} + 14735Y_{88} \tag{31}$$

$$+ 11740Y_{89} + 23772Y_{90} + 13611Y_{91} \tag{32}$$

$$+ 11805Y_{92} + 7100Y_{93} + 22893Y_{94} \tag{33}$$

$$+ 17115Y_{95} + 19822Y_{96} + 13094Y_{97} \tag{34}$$

$$+ 20179Y_{98} + 8122Y_{99} + 24712Y_{100} \tag{35}$$

$$+ 14312Y_{101} + 8964Y_{102} + 18478Y_{103} \tag{36}$$

$$+ 18831Y_{104} + 21542Y_{105} + 7531Y_{106} \tag{37}$$

$$+ 19593Y_{107} + 18839Y_{108} + 18467Y_{109} \tag{38}$$

$$+ 7201Y_{110} + 7224Y_{111} + 12465Y_{112} \tag{39}$$

$$+ 6554Y_{113} + 11285Y_{114} + 25178Y_{115} \tag{40}$$

$$+ 22553Y_{116} + 24804Y_{117} + 24810Y_{118} \tag{41}$$

$$+ 9423Y_{119} + 13895Y_{120} + 15503Y_{121} \tag{42}$$

$$+ 16265Y_{122} + 22617Y_{123} + 22913Y_{124} \tag{43}$$

$$+ 20685Y_{125} + 19669Y_{126} + 17412Y_{127} \tag{44}$$

$$+ 11622Y_{128} + 20412Y_{129} + 20388Y_{130} \tag{45}$$

$$+ 14157Y_{131} + 24365Y_{132} + 9715Y_{133} \tag{46}$$

$$+ 7600Y_{134} + 24383Y_{135} + 18220Y_{136} \tag{47}$$

$$+ 23973Y_{137} + 16473Y_{138} + 8027Y_{139} \tag{48}$$

$$+ 15288Y_{140} + 19470Y_{141} + 8418Y_{142} \tag{49}$$

$$+ 24567Y_{143} + 20384Y_{144} + 17736Y_{145} \tag{50}$$

$$+ 7644Y_{146} + 9519Y_{147} + 7651Y_{148} \tag{51}$$

$$+ 11640Y_{149} + 24937Y_{150} + 13509Y_{151} \tag{52}$$

$$+ 13439Y_{152} + 21124Y_{153} + 21874Y_{154} \tag{53}$$

$$+ 17134Y_{155} + 11930Y_{156} + 11121Y_{157} \tag{54}$$

$$+ 24562Y_{158} + 11088Y_{159} + 17287Y_{160} \tag{55}$$

$$+ 22514Y_{161} + 20300Y_{162} + 10356Y_{163} \tag{56}$$

$$+ 13940Y_{164} + 13918Y_{165} + 23488Y_{166} \tag{57}$$

$$+ 21693Y_{167} + 22810Y_{168} + 17311Y_{169} \tag{58}$$

$$+ 13931Y_{170} + 21914Y_{171} + 20655Y_{172} \tag{59}$$

$$+ 20157Y_{173} + 21670Y_{174} + 24150Y_{175} \tag{60}$$

$$+ 23816Y_{176} + 7441Y_{177} + 8189Y_{178} \tag{61}$$

$$+ 18867Y_{179} + 25092Y_{180} + 9165Y_{181} \tag{62}$$

$$+ 23739Y_{182} + 22105Y_{183} + 17950Y_{184} \tag{63}$$

$$+ 8240Y_{185} + 17966Y_{186} + 17230Y_{187} \tag{64}$$

$$+ 8232Y_{188} + 18024Y_{189} + 16142Y_{190} \tag{65}$$

$$+ 9900Y_{191} + 19370Y_{192} + 7776Y_{193} \tag{66}$$

$$+ 19791Y_{194} + 17811Y_{195} + 11757Y_{196} \tag{67}$$

$$+ 6856Y_{197} + 8215Y_{198} + 11861Y_{199} \tag{68}$$

$$+ 25200Y_{200} + 7151Y_{201} + 22650Y_{202} \tag{69}$$

$$+ 14295Y_{203} + 8667Y_{204} + 7698Y_{205} \tag{70}$$

$$+ 17707Y_{206} + 14288Y_{207} + 13886Y_{208} \tag{71}$$

$$+ 7740Y_{209} + 7562Y_{210} + 22627Y_{211} \tag{72}$$

$$+ 21298Y_{212} + 9014Y_{213} + 23541Y_{214} \tag{73}$$

$$+ 12011Y_{215} + 25157Y_{216} + 16990Y_{217} \tag{74}$$

$$+ 8717Y_{218} + 17414Y_{219} + 19913Y_{220} \tag{75}$$

$$+ 9002Y_{221} + 12441Y_{222} + 22622Y_{223} \tag{76}$$

$$+ 25152Y_{224} + 25502Y_{225} + 6841Y_{226} \tag{77}$$

$$+ 9846Y_{227} + 21707Y_{228} + 13469Y_{229} \tag{78}$$

$$+ 12505Y_{230} + 22950Y_{231} + 12360Y_{232} \tag{79}$$

$$+ 25515Y_{233} + 20763Y_{234} + 9042Y_{235} \tag{80}$$

$$+ 16498Y_{236} + 20393Y_{237} + 25468Y_{238} \tag{81}$$

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$$+ 13489Y_{242} + 10208Y_{243} + 15758Y_{244} \tag{83}$$

$$+ 15098Y_{245} + 10578Y_{246} + 17806Y_{247} \tag{84}$$

$$+ 15258Y_{248} + 22780Y_{249} + 12158Y_{250} \tag{85}$$

$$+ 18025Y_{251} + 24137Y_{252} + 6976Y_{253} \tag{86}$$

$$+ 8547Y_{254} + 12617Y_{255} + 16776Y_{256} \tag{87}$$

$$+ 20886Y_{257} + 19032Y_{258} + 22380Y_{259} \tag{88}$$

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$$+ 23882Y_{263} + 10881Y_{264} + 16795Y_{265} \tag{90}$$

$$+ 22060Y_{266} + 19859Y_{267} + 16101Y_{268} \tag{91}$$

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$$+ 9954Y_{272} + 20572Y_{273} + 14495Y_{274} \tag{93}$$

$$+ 13655Y_{275} + 13643Y_{276} + 8193Y_{277} \tag{94}$$

$$+ 23733Y_{278} + 17201Y_{279} + 23072Y_{280} \tag{95}$$

$$+ 21237Y_{281} + 14934Y_{282} + 9136Y_{283} \tag{96}$$

$$+ 24669Y_{284} + 25119Y_{285} + 9870Y_{286} \tag{97}$$

$$+ 22141Y_{287} + 13991Y_{288} + 21994Y_{289} \tag{98}$$

$$+ 6638Y_{290} + 24244Y_{291} + 11731Y_{292} \tag{99}$$

$$+ 8593Y_{293} + 10385Y_{294} + 14561Y_{295} \tag{100}$$

$$+ 20255Y_{296} + 24696Y_{297} + 20180Y_{298} \tag{101}$$

$$+ 25041Y_{299} + 18470Y_{300} + 8675Y_{301} \tag{102}$$

$$+ 23046Y_{302} + 17704Y_{303} + 14076Y_{304} \tag{103}$$

$$+ 16653Y_{305} + 7299Y_{306} + 19448Y_{307} \tag{104}$$

$$+ 7173Y_{308} + 22668Y_{309} + 15776Y_{310} \tag{105}$$

$$+ 17046Y_{311} + 11339Y_{312} + 22656Y_{313} \tag{106}$$

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$$+ 24699Y_{497} + 19802Y_{498} + 23572Y_{499} \tag{168}$$

$$+ 16162Y_{500} + 21528Y_{501} + 12276Y_{502} \tag{169}$$

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$$+ 21529Y_{509} + 6432Y_{510} + 13539Y_{511} \tag{172}$$

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$$+ 21044Y_{515} + 21725Y_{516} + 7566Y_{517} \tag{174}$$

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$$+ 11580Y_{521} + 11541Y_{522} + 20046Y_{523} \tag{176}$$

$$+ 21282Y_{524} + 6459Y_{525} + 10634Y_{526} \tag{177}$$

$$+ 24535Y_{527} + 15028Y_{528} + 24767Y_{529} \tag{178}$$

$$+ 12337Y_{530} + 10619Y_{531} + 12499Y_{532} \tag{179}$$

$$+ 21471Y_{533} + 20390Y_{534} + 19492Y_{535} \tag{180}$$

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$$+ 9539Y_{539} + 17402Y_{540} + 10397Y_{541} \tag{182}$$

$$+ 8412Y_{542} + 11044Y_{543} + 19602Y_{544} \tag{183}$$

$$+ 12366Y_{545} + 9253Y_{546} + 8018Y_{547} \tag{184}$$

$$+ 15749Y_{548} + 15091Y_{549} + 13968Y_{550} \tag{185}$$

$$+ 11638Y_{551} + 14707Y_{552} + 22031Y_{553} \tag{186}$$

$$+ 15648Y_{554} + 23677Y_{555} + 16019Y_{556} \tag{187}$$

$$+ 6598Y_{557} + 19861Y_{558} + 20937Y_{559} \tag{188}$$

$$+ 7896Y_{560} + 7886Y_{561} + 16055Y_{562} \tag{189}$$

$$+ 14803Y_{563} + 11083Y_{564} + 13932Y_{565} \tag{190}$$

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$$+ 13683Y_{572} + 10071Y_{573} + 22428Y_{574} \tag{193}$$

$$+ 20233Y_{575} + 19093Y_{576} + 11086Y_{577} \tag{194}$$

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$$+ 25289Y_{623} + 15717Y_{624} + 9274Y_{625} \tag{210}$$

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$$+ 9476Y_{635} + 22494Y_{636} + 18730Y_{637} \tag{214}$$

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$$+ 13696Y_{662} + 24162Y_{663} + 25432Y_{664} \tag{223}$$

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$$+ 17202Y_{677} + 18652Y_{678} + 8191Y_{679} \tag{228}$$

$$+ 17951Y_{680} + 11736Y_{681} + 24198Y_{682} \tag{229}$$

$$+ 24887Y_{683} + 13365Y_{684} + 15696Y_{685} \tag{230}$$

$$+ 8248Y_{686} + 11158Y_{687} + 8042Y_{688} \tag{231}$$

$$+ 11736Y_{689} + 22126Y_{690} + 13311Y_{691} \tag{232}$$

$$+ 25130Y_{692} + 25359Y_{693} + 22349Y_{694} \tag{233}$$

$$+ 8591Y_{695} + 13335Y_{696} + 23796Y_{697} \tag{234}$$

$$+ 11371Y_{698} + 16567Y_{699} + 15807Y_{700} \tag{235}$$

$$+ 22599Y_{701} + 14077Y_{702} + 11530Y_{703} \tag{236}$$

$$+ 16587Y_{704} + 19222Y_{705} + 20691Y_{706} \tag{237}$$

$$+ 9355Y_{707} + 17485Y_{708} + 14275Y_{709} \tag{238}$$

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$$+ 19666Y_{734} + 19479Y_{735} + 22968Y_{736} \tag{247}$$

$$+ 20411Y_{737} + 9089Y_{738} + 22729Y_{739} \tag{248}$$

$$+ 15507Y_{740} + 14223Y_{741} + 22457Y_{742} \tag{249}$$

$$+ 12508Y_{743} + 21379Y_{744} + 16300Y_{745} \tag{250}$$

$$+ 22501Y_{746} + 10645Y_{747} + 15082Y_{748} \tag{251}$$

$$+ 20290Y_{749} + 7663Y_{750} + 14482Y_{751} \tag{252}$$

$$+ 8788Y_{752} + 17286Y_{753} + 14713Y_{754} \tag{253}$$

$$+ 9624Y_{755} + 12145Y_{756} + 10357Y_{757} \tag{254}$$

$$+ 20072Y_{758} + 8862Y_{759} + 7638Y_{760} \tag{255}$$

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$$+ 14673Y_{764} + 8334Y_{765} + 11077Y_{766} \tag{257}$$

$$+ 13682Y_{767} + 18645Y_{768} + 25068Y_{769} \tag{258}$$

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$$+ 7853Y_{773} + 16102Y_{774} + 8628Y_{775} \tag{260}$$

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$$+ 12686Y_{779} + 21604Y_{780} + 18891Y_{781} \tag{262}$$

$$+ 13336Y_{782} + 18904Y_{783} + 17214Y_{784} \tag{263}$$

$$+ 20849Y_{785} + 8889Y_{786} + 7786Y_{787} \tag{264}$$

$$+ 18923Y_{788} + 24591Y_{789} + 25351Y_{790} \tag{265}$$

$$+ 14363Y_{791} + 11129Y_{792} + 12880Y_{793} \tag{266}$$

$$+ 20167Y_{794} + 21611Y_{795} + 15132Y_{796} \tag{267}$$

$$+ 24915Y_{797} + 12647Y_{798} + 19203Y_{799} \tag{268}$$

$$+ 11294Y_{800} + 10691Y_{801} + 11313Y_{802} \tag{269}$$

$$+ 21544Y_{803} + 21316Y_{804} + 13842Y_{805} \tag{270}$$

$$+ 18154Y_{806} + 7912Y_{807} + 19968Y_{808} \tag{271}$$

$$+ 6807Y_{809} + 8969Y_{810} + 14335Y_{811} \tag{272}$$

$$+ 9367Y_{812} + 14566Y_{813} + 21300Y_{814} \tag{273}$$

$$+ 21275Y_{815} + 18416Y_{816} + 10720Y_{817} \tag{274}$$

$$+ 10954Y_{818} + 22537Y_{819} + 18128Y_{820} \tag{275}$$

$$+ 8652Y_{821} + 23508Y_{822} + 18430Y_{823} \tag{276}$$

$$+ 22515Y_{824} + 10988Y_{825} + 6507Y_{826} \tag{277}$$

$$+ 19649Y_{827} + 6857Y_{828} + 25506Y_{829} \tag{278}$$

$$+ 10600Y_{830} + 9258Y_{831} + 21387Y_{832} \tag{279}$$

$$+ 24763Y_{833} + 8424Y_{834} + 6539Y_{835} \tag{280}$$

$$+ 24710Y_{836} + 15303Y_{837} + 21325Y_{838} \tag{281}$$

$$+ 10529Y_{839} + 9071Y_{840} + 16464Y_{841} \tag{282}$$

$$+ 16685Y_{842} + 22919Y_{843} + 19604Y_{844} \tag{283}$$

$$+ 19987Y_{845} + 6715Y_{846} + 6590Y_{847} \tag{284}$$

$$+ 17894Y_{848} + 8414Y_{849} + 8301Y_{850} \tag{285}$$

$$+ 19802Y_{851} + 15245Y_{852} + 11723Y_{853} \tag{286}$$

$$+ 12765Y_{854} + 14853Y_{855} + 13962Y_{856} \tag{287}$$

$$+ 8779Y_{857} + 25397Y_{858} + 18955Y_{859} \tag{288}$$

$$+ 20877Y_{860} + 19401Y_{861} + 18285Y_{862} \tag{289}$$

$$+ 20543Y_{863} + 15964Y_{864} + 11090Y_{865} \tag{290}$$

$$+ 15196Y_{866} + 7807Y_{867} + 17178Y_{868} \tag{291}$$

$$+ 18588Y_{869} + 11073Y_{870} + 20923Y_{871} \tag{292}$$

$$+ 8282Y_{872} + 18318Y_{873} + 14811Y_{874} \tag{293}$$

$$+ 23696Y_{875} + 13926Y_{876} + 6579Y_{877} \tag{294}$$

$$+ 6956Y_{878} + 16792Y_{879} + 21238Y_{880} \tag{295}$$

$$+ 13125Y_{881} + 8942Y_{882} + 18622Y_{883} \tag{296}$$

$$+ 7109Y_{884} + 13356Y_{885} + 25149Y_{886} \tag{297}$$

$$+ 9877Y_{887} + 18021Y_{888} + 12860Y_{889} \tag{298}$$

$$+ 14936Y_{890} + 20197Y_{891} + 18625Y_{892} \tag{299}$$

$$+ 10768Y_{893} + 25101Y_{894} + 14380Y_{895} \tag{300}$$

$$+ 7754Y_{896} + 6632Y_{897} + 20631Y_{898} \tag{301}$$

$$+ 23870Y_{899} + 14080Y_{900} + 15435Y_{901} \tag{302}$$

$$+ 16571Y_{902} + 23049Y_{903} + 21064Y_{904} \tag{303}$$

$$+ 12401Y_{905} + 14295Y_{906} + 20722Y_{907} \tag{304}$$

$$+ 21306Y_{908} + 14951Y_{909} + 24046Y_{910} \tag{305}$$

$$+ 16591Y_{911} + 12467Y_{912} + 19207Y_{913} \tag{306}$$

$$+ 10497Y_{914} + 7191Y_{915} + 6819Y_{916} \tag{307}$$

$$+ 15369Y_{917} + 24056Y_{918} + 9395Y_{919} \tag{308}$$

$$+ 17450Y_{920} + 21446Y_{921} + 9718Y_{922} \tag{309}$$

$$+ 23510Y_{923} + 15490Y_{924} + 17415Y_{925} \tag{310}$$

$$+ 20032Y_{926} + 6494Y_{927} + 16522Y_{928} \tag{311}$$

$$+ 17390Y_{929} + 24380Y_{930} + 9060Y_{931} \tag{312}$$

$$+ 11957Y_{932} + 10991Y_{933} + 24023Y_{934} \tag{313}$$

$$+ 15274Y_{935} + 9274Y_{936} + 24771Y_{937} \tag{314}$$

$$+ 24769Y_{938} + 15302Y_{939} + 10587Y_{940} \tag{315}$$

$$+ 12528Y_{941} + 18566Y_{942} + 22479Y_{943} \tag{316}$$

$$+ 16243Y_{944} + 7660Y_{945} + 9076Y_{946} \tag{317}$$

$$+ 22945Y_{947} + 12006Y_{948} + 23596Y_{949} \tag{318}$$

$$+ 8320Y_{950} + 18731Y_{951} + 12760Y_{952} \tag{319}$$

$$+ 21125Y_{953} + 11943Y_{954} + 21647Y_{955} \tag{320}$$

$$+ 11921Y_{956} + 6613Y_{957} + 18045Y_{958} \tag{321}$$

$$+ 12148Y_{959} + 12963Y_{960} + 8319Y_{961} \tag{322}$$

$$+ 17514Y_{962} + 16803Y_{963} + 14462Y_{964} \tag{323}$$

$$+ 20947Y_{965} + 12156Y_{966} + 21917Y_{967} \tag{324}$$

$$+ 11478Y_{968} + 11679Y_{969} + 21103Y_{970} \tag{325}$$

$$+ 18598Y_{971} + 10081Y_{972} + 19420Y_{973} \tag{326}$$

$$+ 15904Y_{974} + 10886Y_{975} + 18653Y_{976} \tag{327}$$

$$+ 14822Y_{977} + 11770Y_{978} + 7897Y_{979} \tag{328}$$

$$+ 18611Y_{980} + 22801Y_{981} + 24639Y_{982} \tag{329}$$

$$+ 23174Y_{983} + 9216Y_{984} + 17966Y_{985} \tag{330}$$

$$+ 7351Y_{986} + 6469Y_{987} + 19807Y_{988} \tag{331}$$

$$+ 16134Y_{989} + 9129Y_{990} + 12859Y_{991} \tag{332}$$

$$+ 23050Y_{992} + 23855Y_{993} + 18695Y_{994} \tag{333}$$

$$+ 22338Y_{995} + 12880Y_{996} + 11753Y_{997} \tag{334}$$

$$+ 9636Y_{998} + 16687Y_{999} + 22587Y_{1000} \tag{335}$$

$$+ 15359Y_{1001} + 25218Y_{1002} + 20470Y_{1003} \tag{336}$$

$$+ 17023Y_{1004} + 7686Y_{1005} + 8960Y_{1006} \tag{337}$$

$$+ 25206Y_{1007} + 19207Y_{1008} + 11309Y_{1009} \tag{338}$$

$$+ 10110Y_{1010} + 8970Y_{1011} + 6453Y_{1012} \tag{339}$$

$$+ 14107Y_{1013} + 22579Y_{1014} + 20041Y_{1015} \tag{340}$$

$$+ 16159Y_{1016} + 23008Y_{1017} + 22999Y_{1018} \tag{341}$$

$$+ 22179Y_{1019} + 20046Y_{1020} + 20034Y_{1021} \tag{342}$$

$$+ 15367Y_{1022} + 16632Y_{1023} + 15738Y_{1024} \tag{343}$$

$$+ 23283Y_{1025} + 14555Y_{1026} + 14136Y_{1027} \tag{344}$$

$$+ 22727Y_{1028} + 22532Y_{1029} + 7476Y_{1030} \tag{345}$$

$$+ 20794Y_{1031} + 9720Y_{1032} + 20783Y_{1033} \tag{346}$$

$$+ 9493Y_{1034} + 10538Y_{1035} + 15496Y_{1036} \tag{347}$$

$$+ 14230Y_{1037} + 15526Y_{1038} + 15518Y_{1039} \tag{348}$$

$$+ 11980Y_{1040} + 7660Y_{1041} + 7513Y_{1042} \tag{349}$$

$$+ 14639Y_{1043} + 12547Y_{1044} + 16678Y_{1045} \tag{350}$$

$$+ 21808Y_{1046} + 10639Y_{1047} + 14256Y_{1048} \tag{351}$$

$$+ 23972Y_{1049} + 20060Y_{1050} + 14193Y_{1051} \tag{352}$$

$$+ 19013Y_{1052} + 25023Y_{1053} + 22483Y_{1054} \tag{353}$$

$$+ 12024Y_{1055} + 6604Y_{1056} + 8873Y_{1057} \tag{354}$$

$$+ 18571Y_{1058} + 13047Y_{1059} + 10102Y_{1060} \tag{355}$$

$$+ 13712Y_{1061} + 17545Y_{1062} + 19428Y_{1063} \tag{356}$$

$$+ 11909Y_{1064} + 12960Y_{1065} + 25073Y_{1066} \tag{357}$$

$$+ 20551Y_{1067} + 8054Y_{1068} + 23692Y_{1069} \tag{358}$$

$$+ 7859Y_{1070} + 18964Y_{1071} + 22802Y_{1072} \tag{359}$$

$$+ 16389Y_{1073} + 18884Y_{1074} + 6690Y_{1075} \tag{360}$$

$$+ 6982Y_{1076} + 6687Y_{1077} + 11191Y_{1078} \tag{361}$$

$$+ 8256Y_{1079} + 12891Y_{1080} + 8266Y_{1081} \tag{362}$$

$$+ 11655Y_{1082} + 11814Y_{1083} + 23824Y_{1084} \tag{363}$$

$$+ 22101Y_{1085} + 22858Y_{1086} + 12933Y_{1087} \tag{364}$$

$$+ 16366Y_{1088} + 14788Y_{1089} + 12639Y_{1090} \tag{365}$$

$$+ 19140Y_{1091} + 10407Y_{1092} + 18915Y_{1093} \tag{366}$$

$$+ 8906Y_{1094} + 20192Y_{1095} + 22897Y_{1096} \tag{367}$$

$$+ 18677Y_{1097} + 14793Y_{1098} + 16126Y_{1099} \tag{368}$$

$$+ 14531Y_{1100} + 22206Y_{1101} + 9401Y_{1102} \tag{369}$$

$$+ 23779Y_{1103} + 9777Y_{1104} + 13175Y_{1105} \tag{370}$$

$$+ 24307Y_{1106} + 15811Y_{1107} + 7157Y_{1108} \tag{371}$$

$$+ 18473Y_{1109} + 19180Y_{1110} + 14950Y_{1111} \tag{372}$$

$$+ 11284Y_{1112} + 7198Y_{1113} + 9813Y_{1114} \tag{373}$$

$$+ 12087Y_{1115} + 23535Y_{1116} + 9825Y_{1117} \tag{374}$$

$$+ 12252Y_{1118} + 18161Y_{1119} + 20450Y_{1120} \tag{375}$$

$$+ 22975Y_{1121} + 9398Y_{1122} + 16545Y_{1123} \tag{376}$$

$$+ 14318Y_{1124} + 17786Y_{1125} + 19524Y_{1126} \tag{377}$$

$$+ 19515Y_{1127} + 22949Y_{1128} + 12486Y_{1129} \tag{378}$$

$$+ 15477Y_{1130} + 15716Y_{1131} + 22725Y_{1132} \tag{379}$$

$$+ 7474Y_{1133} + 16714Y_{1134} + 15500Y_{1135} \tag{380}$$

$$+ 21452Y_{1136} + 7992Y_{1137} + 24526Y_{1138} \tag{381}$$

$$+ 21409Y_{1139} + 16928Y_{1140} + 14221Y_{1141} \tag{382}$$

$$+ 6479Y_{1142} + 24703Y_{1143} + 18196Y_{1144} \tag{383}$$

$$+ 7631Y_{1145} + 10552Y_{1146} + 12345Y_{1147} \tag{384}$$

$$+ 7495Y_{1148} + 25032Y_{1149} + 22178Y_{1150} \tag{385}$$

$$+ 23903Y_{1151} + 21809Y_{1152} + 17744Y_{1153} \tag{386}$$

$$+ 13724Y_{1154} + 18575Y_{1155} + 11109Y_{1156} \tag{387}$$

$$+ 24987Y_{1157} + 11684Y_{1158} + 22447Y_{1159} \tag{388}$$

$$+ 16429Y_{1160} + 22475Y_{1161} + 6957Y_{1162} \tag{389}$$

$$+ 18321Y_{1163} + 16398Y_{1164} + 19835Y_{1165} \tag{390}$$

$$+ 20336Y_{1166} + 12568Y_{1167} + 20331Y_{1168} \tag{391}$$

$$+ 10944Y_{1169} + 14918Y_{1170} + 23740Y_{1171} \tag{392}$$

$$+ 8947Y_{1172} + 10072Y_{1173} + 7821Y_{1174} \tag{393}$$

$$+ 21557Y_{1175} + 11778Y_{1176} + 20820Y_{1177} \tag{394}$$

$$+ 7800Y_{1178} + 14408Y_{1179} + 10040Y_{1180} \tag{395}$$

$$+ 9146Y_{1181} + 9897Y_{1182} + 9871Y_{1183} \tag{396}$$

$$+ 17590Y_{1184} + 13659Y_{1185} + 16083Y_{1186} \tag{397}$$

$$+ 7332Y_{1187} + 19345Y_{1188} + 25352Y_{1189} \tag{398}$$

$$+ 15647Y_{1190} + 15863Y_{1191} + 13994Y_{1192} \tag{399}$$

$$+ 9116Y_{1193} + 13334Y_{1194} + 14904Y_{1195} \tag{400}$$

$$+ 20218Y_{1196} + 7757Y_{1197} + 17102Y_{1198} \tag{401}$$

$$+ 18248Y_{1199} + 14984Y_{1200} + 7153Y_{1201} \tag{402}$$

$$+ 19203Y_{1202} + 21766Y_{1203} + 21537Y_{1204} \tag{403}$$

$$+ 15796Y_{1205} + 19716Y_{1206} + 24823Y_{1207} \tag{404}$$

$$+ 20491Y_{1208} + 15787Y_{1209} + 13157Y_{1210} \tag{405}$$

$$+ 19732Y_{1211} + 17701Y_{1212} + 21078Y_{1213} \tag{406}$$

$$+ 16217Y_{1214} + 24419Y_{1215} + 19153Y_{1216} \tag{407}$$

$$+ 10912Y_{1217} + 9405Y_{1218} + 21266Y_{1219} \tag{408}$$

$$+ 19707Y_{1220} + 9387Y_{1221} + 6829Y_{1222} \tag{409}$$

$$+ 24787Y_{1223} + 9397Y_{1224} + 23509Y_{1225} \tag{410}$$

$$+ 18124Y_{1226} + 21707Y_{1227} + 8735Y_{1228} \tag{411}$$

$$+ 16583Y_{1229} + 15029Y_{1230} + 7964Y_{1231} \tag{412}$$

$$+ 15054Y_{1232} + 7985Y_{1233} + 21462Y_{1234} \tag{413}$$

$$+ 16922Y_{1235} + 18724Y_{1236} + 21569Y_{1237} \tag{414}$$

$$+ 24716Y_{1238} + 13267Y_{1239} + 6546Y_{1240} \tag{415}$$

$$+ 12521Y_{1241} + 22460Y_{1242} + 6759Y_{1243} \tag{416}$$

$$+ 20350Y_{1244} + 7647Y_{1245} + 11239Y_{1246} \tag{417}$$

$$+ 22932Y_{1247} + 24501Y_{1248} + 21328Y_{1249} \tag{418}$$

$$+ 15084Y_{1250} + 7656Y_{1251} + 21873Y_{1252} \tag{419}$$

$$+ 21350Y_{1253} + 13968Y_{1254} + 13074Y_{1255} \tag{420}$$

$$+ 20080Y_{1256} + 11213Y_{1257} + 24764Y_{1258} \tag{421}$$

$$+ 23196Y_{1259} + 19466Y_{1260} + 19868Y_{1261} \tag{422}$$

$$+ 21417Y_{1262} + 8513Y_{1263} + 12959Y_{1264} \tag{423}$$

$$+ 10826Y_{1265} + 8506Y_{1266} + 15960Y_{1267} \tag{424}$$

$$+ 21695Y_{1268} + 6959Y_{1269} + 13513Y_{1270} \tag{425}$$

$$+ 22047Y_{1271} + 23171Y_{1272} + 21893Y_{1273} \tag{426}$$

$$+ 10071Y_{1274} + 22082Y_{1275} + 21175Y_{1276} \tag{427}$$

$$+ 14931Y_{1277} + 9943Y_{1278} + 8942Y_{1279} \tag{428}$$

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$$+ 17203Y_{1283} + 14655Y_{1284} + 16089Y_{1285} \tag{430}$$

$$+ 10804Y_{1286} + 9672Y_{1287} + 11421Y_{1288} \tag{431}$$

$$+ 15582Y_{1289} + 18017Y_{1290} + 15101Y_{1291} \tag{432}$$

$$+ 20852Y_{1292} + 11144Y_{1293} + 16886Y_{1294} \tag{433}$$

$$+ 11133Y_{1295} + 20580Y_{1296} + 23480Y_{1297} \tag{434}$$

$$+ 10012Y_{1298} + 12300Y_{1299} + 21310Y_{1300} \tag{435}$$

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$$+ 17037Y_{1307} + 25159Y_{1308} + 12027Y_{1309} \tag{438}$$

$$+ 10934Y_{1310} + 15458Y_{1311} + 19583Y_{1312} \tag{439}$$

$$+ 25558Y_{1313} + 16985Y_{1314} + 21452Y_{1315} \tag{440}$$

$$+ 23527Y_{1316} + 7715Y_{1317} + 21442Y_{1318} \tag{441}$$

$$+ 19161Y_{1319} + 7256Y_{1320} + 24031Y_{1321} \tag{442}$$

$$+ 20992Y_{1322} + 23610Y_{1323} + 8713Y_{1324} \tag{443}$$

$$+ 23626Y_{1325} + 9055Y_{1326} + 25274Y_{1327} \tag{444}$$

$$+ 19284Y_{1328} + 7629Y_{1329} + 25269Y_{1330} \tag{445}$$

$$+ 19280Y_{1331} + 18200Y_{1332} + 16502Y_{1333} \tag{446}$$

$$+ 18732Y_{1334} + 20389Y_{1335} + 16272Y_{1336} \tag{447}$$

$$+ 8792Y_{1337} + 14166Y_{1338} + 23593Y_{1339} \tag{448}$$

$$+ 20756Y_{1340} + 13812Y_{1341} + 9099Y_{1342} \tag{449}$$

$$+ 25472Y_{1343} + 15093Y_{1344} + 23982Y_{1345} \tag{450}$$

$$+ 15761Y_{1346} + 22486Y_{1347} + 15314Y_{1348} \tag{451}$$

$$+ 9749Y_{1349} + 14191Y_{1350} + 19836Y_{1351} \tag{452}$$

$$+ 13024Y_{1352} + 23894Y_{1353} + 17564Y_{1354} \tag{453}$$

$$+ 22777Y_{1355} + 23136Y_{1356} + 21648Y_{1357} \tag{454}$$

$$+ 24551Y_{1358} + 7071Y_{1359} + 13054Y_{1360} \tag{455}$$

$$+ 22392Y_{1361} + 14844Y_{1362} + 17553Y_{1363} \tag{456}$$

$$+ 12582Y_{1364} + 8859Y_{1365} + 9176Y_{1366} \tag{457}$$

$$+ 12592Y_{1367} + 11919Y_{1368} + 7843Y_{1369} \tag{458}$$

$$+ 16823Y_{1370} + 18061Y_{1371} + 17177Y_{1372} \tag{459}$$

$$+ 25339Y_{1373} + 12117Y_{1374} + 18065Y_{1375} \tag{460}$$

$$+ 11195Y_{1376} + 19335Y_{1377} + 15587Y_{1378} \tag{461}$$

$$+ 23351Y_{1379} + 11767Y_{1380} + 10434Y_{1381} \tag{462}$$

$$+ 8268Y_{1382} + 17956Y_{1383} + 21945Y_{1384} \tag{463}$$

$$+ 17978Y_{1385} + 16328Y_{1386} + 14031Y_{1387} \tag{464}$$

$$+ 12693Y_{1388} + 25120Y_{1389} + 23097Y_{1390} \tag{465}$$

$$+ 10397Y_{1391} + 24901Y_{1392} + 20168Y_{1393} \tag{466}$$

$$+ 9108Y_{1394} + 8139Y_{1395} + 13625Y_{1396} \tag{467}$$

$$+ 23797Y_{1397} + 20249Y_{1398} + 24330Y_{1399} \tag{468}$$

$$+ 11296Y_{1400} + 17920Y_{1401} + 21534Y_{1402} \tag{469}$$

$$+ 12798Y_{1403} + 25211Y_{1404} + 24462Y_{1405} \tag{470}$$

$$+ 9435Y_{1406} + 10711Y_{1407} + 22645Y_{1408} \tag{471}$$

$$+ 19939Y_{1409} + 19583Y_{1410} + 9359Y_{1411} \tag{472}$$

$$+ 14332Y_{1412} + 12409Y_{1413} + 17442Y_{1414} \tag{473}$$

$$+ 19906Y_{1415} + 24066Y_{1416} + 14108Y_{1417} \tag{474}$$

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$$+ 11565Y_{1421} + 15466Y_{1422} + 16176Y_{1423} \tag{476}$$

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$$+ 16560Y_{1427} + 17897Y_{1428} + 13588Y_{1429} \tag{478}$$

$$+ 21715Y_{1430} + 21457Y_{1431} + 16558Y_{1432} \tag{479}$$

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$$+ 24256Y_{1436} + 13750Y_{1437} + 8743Y_{1438} \tag{481}$$

$$+ 18505Y_{1439} + 22496Y_{1440} + 6450Y_{1441} \tag{482}$$

$$+ 11645Y_{1442} + 9384Y_{1443} + 19999Y_{1444} \tag{483}$$

$$+ 10646Y_{1445} + 19488Y_{1446} + 13819Y_{1447} \tag{484}$$

$$+ 17824Y_{1448} + 9705Y_{1449} + 23679Y_{1450} \tag{485}$$

$$+ 17824Y_{1451} + 6751Y_{1452} + 7439Y_{1453} \tag{486}$$

$$+ 15298Y_{1454} + 13823Y_{1455} + 22009Y_{1456} \tag{487}$$

$$+ 24710Y_{1457} + 23686Y_{1458} + 19462Y_{1459} \tag{488}$$

$$+ 22452Y_{1460} + 23653Y_{1461} + 10889Y_{1462} \tag{489}$$

$$+ 22000Y_{1463} + 17178Y_{1464} + 8769Y_{1465} \tag{490}$$

$$+ 9773Y_{1466} + 13809Y_{1467} + 7827Y_{1468} \tag{491}$$

$$+ 18606Y_{1469} + 18997Y_{1470} + 8031Y_{1471} \tag{492}$$

$$+ 23447Y_{1472} + 6682Y_{1473} + 19329Y_{1474} \tag{493}$$

$$+ 14802Y_{1475} + 6638Y_{1476} + 11434Y_{1477} \tag{494}$$

$$+ 22053Y_{1478} + 23196Y_{1479} + 7899Y_{1480} \tag{495}$$

$$+ 7120Y_{1481} + 22311Y_{1482} + 25100Y_{1483} \tag{496}$$

$$+ 12674Y_{1484} + 12674Y_{1485} + 24647Y_{1486} \tag{497}$$

$$+ 25098Y_{1487} + 12226Y_{1488} + 16367Y_{1489} \tag{498}$$

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$$+ 21612Y_{1496} + 21988Y_{1497} + 24917Y_{1498} \tag{501}$$

$$+ 10085Y_{1499} + 21535Y_{1500} + 12047Y_{1501} \tag{502}$$

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$$+ 25582Y_{1505} + 11505Y_{1506} + 7174Y_{1507} \tag{504}$$

$$+ 15049Y_{1508} + 8674Y_{1509} + 14326Y_{1510} \tag{505}$$

$$+ 22626Y_{1511} + 24288Y_{1512} + 16158Y_{1513} \tag{506}$$

$$+ 19904Y_{1514} + 18128Y_{1515} + 19158Y_{1516} \tag{507}$$

$$+ 14542Y_{1517} + 7196Y_{1518} + 11326Y_{1519} \tag{508}$$

$$+ 23309Y_{1520} + 7569Y_{1521} + 25154Y_{1522} \tag{509}$$

$$+ 25503Y_{1523} + 20682Y_{1524} + 15032Y_{1525} \tag{510}$$

$$+ 19179Y_{1526} + 18568Y_{1527} + 25273Y_{1528} \tag{511}$$

$$+ 13467Y_{1529} + 25522Y_{1530} + 25511Y_{1531} \tag{512}$$

$$+ 16721Y_{1532} + 18752Y_{1533} + 6478Y_{1534} \tag{513}$$

$$+ 25164Y_{1535} + 9089Y_{1536} + 6540Y_{1537} \tag{514}$$

$$+ 22906Y_{1538} + 9760Y_{1539} + 21350Y_{1540} \tag{515}$$

$$+ 22676Y_{1541} + 17802Y_{1542} + 25475Y_{1543} \tag{516}$$

$$+ 12156Y_{1544} + 20986Y_{1545} + 17509Y_{1546} \tag{517}$$

$$+ 23979Y_{1547} + 21420Y_{1548} + 13971Y_{1549} \tag{518}$$

$$+ 17832Y_{1550} + 6963Y_{1551} + 22029Y_{1552} \tag{519}$$

$$+ 21639Y_{1553} + 16388Y_{1554} + 21469Y_{1555} \tag{520}$$

$$+ 20071Y_{1556} + 25011Y_{1557} + 13045Y_{1558} \tag{521}$$

$$+ 21864Y_{1559} + 10896Y_{1560} + 18576Y_{1561} \tag{522}$$

$$+ 23139Y_{1562} + 10828Y_{1563} + 9961Y_{1564} \tag{523}$$

$$+ 12946Y_{1565} + 23706Y_{1566} + 22815Y_{1567} \tag{524}$$

$$+ 8051Y_{1568} + 17346Y_{1569} + 11251Y_{1570} \tag{525}$$

$$+ 7409Y_{1571} + 16809Y_{1572} + 8185Y_{1573} \tag{526}$$

$$+ 17222Y_{1574} + 19110Y_{1575} + 20588Y_{1576} \tag{527}$$

$$+ 23743Y_{1577} + 14013Y_{1578} + 17607Y_{1579} \tag{528}$$

$$+ 23079Y_{1580} + 13131Y_{1581} + 18642Y_{1582} \tag{529}$$

$$+ 9187Y_{1583} + 7802Y_{1584} + 11868Y_{1585} \tag{530}$$

$$+ 6900Y_{1586} + 24360Y_{1587} + 7097Y_{1588} \tag{531}$$

$$+ 15639Y_{1589} + 21063Y_{1590} + 18383Y_{1591} \tag{532}$$

$$+ 12649Y_{1592} + 17097Y_{1593} + 17242Y_{1594} \tag{533}$$

$$+ 24240Y_{1595} + 17094Y_{1596} + 8133Y_{1597} \tag{534}$$

$$+ 10489Y_{1598} + 9090Y_{1599} + 7683Y_{1600} \tag{535}$$

$$+ 25596Y_{1601} + 12423Y_{1602} + 13861Y_{1603} \tag{536}$$

$$+ 19952Y_{1604} + 20715Y_{1605} + 16581Y_{1606} \tag{537}$$

$$+ 14475Y_{1607} + 13842Y_{1608} + 22637Y_{1609} \tag{538}$$

$$+ 10261Y_{1610} + 8699Y_{1611} + 22636Y_{1612} \tag{539}$$

$$+ 6438Y_{1613} + 23006Y_{1614} + 6449Y_{1615} \tag{540}$$

$$+ 16984Y_{1616} + 7942Y_{1617} + 18810Y_{1618} \tag{541}$$

$$+ 20795Y_{1619} + 10283Y_{1620} + 19298Y_{1621} \tag{542}$$

$$+ 8383Y_{1622} + 7915Y_{1623} + 16173Y_{1624} \tag{543}$$

$$+ 10161Y_{1625} + 12347Y_{1626} + 13596Y_{1627} \tag{544}$$

$$+ 15034Y_{1628} + 19649Y_{1629} + 18532Y_{1630} \tag{545}$$

$$+ 24744Y_{1631} + 14475Y_{1632} + 18242Y_{1633} \tag{546}$$

$$+ 10627Y_{1634} + 13484Y_{1635} + 21835Y_{1636} \tag{547}$$

$$+ 19705Y_{1637} + 15074Y_{1638} + 14149Y_{1639} \tag{548}$$

$$+ 8860Y_{1640} + 22521Y_{1641} + 17355Y_{1642} \tag{549}$$

$$+ 18476Y_{1643} + 12515Y_{1644} + 8388Y_{1645} \tag{550}$$

$$+ 19130Y_{1646} + 9222Y_{1647} + 12997Y_{1648} \tag{551}$$

$$+ 12386Y_{1649} + 23901Y_{1650} + 9525Y_{1651} \tag{552}$$

$$+ 7882Y_{1652} + 15622Y_{1653} + 12578Y_{1654} \tag{553}$$

$$+ 7043Y_{1655} + 18045Y_{1656} + 22765Y_{1657} \tag{554}$$

$$+ 12592Y_{1658} + 14460Y_{1659} + 15589Y_{1660} \tag{555}$$

$$+ 7410Y_{1661} + 23153Y_{1662} + 8549Y_{1663} \tag{556}$$

$$+ 16416Y_{1664} + 8060Y_{1665} + 18601Y_{1666} \tag{557}$$

$$+ 16062Y_{1667} + 13022Y_{1668} + 24223Y_{1669} \tag{558}$$

$$+ 19064Y_{1670} + 7033Y_{1671} + 14442Y_{1672} \tag{559}$$

$$+ 12891Y_{1673} + 6907Y_{1674} + 21209Y_{1675} \tag{560}$$

$$+ 9688Y_{1676} + 20133Y_{1677} + 16302Y_{1678} \tag{561}$$

$$+ 18353Y_{1679} + 22877Y_{1680} + 13665Y_{1681} \tag{562}$$

$$+ 15102Y_{1682} + 25322Y_{1683} + 7331Y_{1684} \tag{563}$$

$$+ 6655Y_{1685} + 11824Y_{1686} + 7350Y_{1687} \tag{564}$$

$$+ 25350Y_{1688} + 20198Y_{1689} + 7326Y_{1690} \tag{565}$$

$$+ 8205Y_{1691} + 14381Y_{1692} + 16362Y_{1693} \tag{566}$$

$$+ 12872Y_{1694} + 20172Y_{1695} + 20868Y_{1696} \tag{567}$$

$$+ 8133Y_{1697} + 12195Y_{1698} + 22858Y_{1699} \tag{568}$$

$$+ 13150Y_{1700} + 22659Y_{1701} + 19578Y_{1702} \tag{569}$$

$$+ 21086Y_{1703} + 15429Y_{1704} + 19221Y_{1705} \tag{570}$$

$$+ 17708Y_{1706} + 16216Y_{1707} + 23330Y_{1708} \tag{571}$$

$$+ 7559Y_{1709} + 24077Y_{1710} + 14122Y_{1711} \tag{572}$$

$$+ 22201Y_{1712} + 22186Y_{1713} + 22625Y_{1714} \tag{573}$$

$$+ 13582Y_{1715} + 8463Y_{1716} + 12460Y_{1717} \tag{574}$$

$$+ 13573Y_{1718} + 10498Y_{1719} + 8490Y_{1720} \tag{575}$$

$$+ 16175Y_{1721} + 10013Y_{1722} + 23511Y_{1723} \tag{576}$$

$$+ 19561Y_{1724} + 22720Y_{1725} + 21820Y_{1726} \tag{577}$$

$$+ 21073Y_{1727} + 12058Y_{1728} + 14612Y_{1729} \tag{578}$$

$$+ 8786Y_{1730} + 24012Y_{1731} + 14173Y_{1732} \tag{579}$$

$$+ 13037Y_{1733} + 21879Y_{1734} + 21788Y_{1735} \tag{580}$$

$$+ 22699Y_{1736} + 17372Y_{1737} + 13797Y_{1738} \tag{581}$$

$$+ 11707Y_{1739} + 15304Y_{1740} + 21652Y_{1741} \tag{582}$$

$$+ 21795Y_{1742} + 19255Y_{1743} + 20082Y_{1744} \tag{583}$$

$$+ 23885Y_{1745} + 12988Y_{1746} + 23134Y_{1747} \tag{584}$$

$$+ 12970Y_{1748} + 9601Y_{1749} + 7884Y_{1750} \tag{585}$$

$$+ 23885Y_{1751} + 18272Y_{1752} + 20878Y_{1753} \tag{586}$$

$$+ 14845Y_{1754} + 21634Y_{1755} + 22389Y_{1756} \tag{587}$$

$$+ 12976Y_{1757} + 14662Y_{1758} + 7840Y_{1759} \tag{588}$$

$$+ 9179Y_{1760} + 25060Y_{1761} + 7837Y_{1762} \tag{589}$$

$$+ 11434Y_{1763} + 18068Y_{1764} + 25073Y_{1765} \tag{590}$$

$$+ 23173Y_{1766} + 16044Y_{1767} + 11060Y_{1768} \tag{591}$$

$$+ 17348Y_{1769} + 12559Y_{1770} + 11884Y_{1771} \tag{592}$$

$$+ 21663Y_{1772} + 19882Y_{1773} + 8263Y_{1774} \tag{593}$$

$$+ 17972Y_{1775} + 17969Y_{1776} + 15676Y_{1777} \tag{594}$$

$$+ 17596Y_{1778} + 21187Y_{1779} + 10805Y_{1780} \tag{595}$$

$$+ 10013Y_{1781} + 16858Y_{1782} + 9152Y_{1783} \tag{596}$$

$$+ 22099Y_{1784} + 16312Y_{1785} + 8526Y_{1786} \tag{597}$$

$$+ 20887Y_{1787} + 16842Y_{1788} + 20853Y_{1789} \tag{598}$$

$$+ 10867Y_{1790} + 13143Y_{1791} + 20844Y_{1792} \tag{599}$$

$$+ 25125Y_{1793} + 17111Y_{1794} + 8140Y_{1795} \tag{600}$$

$$+ 12200Y_{1796} + 18844Y_{1797} + 13319Y_{1798} \tag{601}$$

$$+ 7349Y_{1799} + 24847Y_{1800} + 23032Y_{1801} \tag{602}$$

$$+ 10680Y_{1802} + 23040Y_{1803} + 15343Y_{1804} \tag{603}$$

$$+ 10487Y_{1805} + 7172Y_{1806} + 12403Y_{1807} \tag{604}$$

$$+ 16663Y_{1808} + 23319Y_{1809} + 9004Y_{1810} \tag{605}$$

$$+ 14560Y_{1811} + 15407Y_{1812} + 21047Y_{1813} \tag{606}$$

$$+ 18405Y_{1814} + 17655Y_{1815} + 17437Y_{1816} \tag{607}$$

$$+ 9452Y_{1817} + 18105Y_{1818} + 25180Y_{1819} \tag{608}$$

$$+ 13575Y_{1820} + 22154Y_{1821} + 6832Y_{1822} \tag{609}$$

$$+ 15826Y_{1823} + 8998Y_{1824} + 17005Y_{1825} \tag{610}$$

$$+ 24034Y_{1826} + 13242Y_{1827} + 10539Y_{1828} \tag{611}$$

$$+ 7474Y_{1829} + 20388Y_{1830} + 14132Y_{1831} \tag{612}$$

$$+ 8494Y_{1832} + 24872Y_{1833} + 18496Y_{1834} \tag{613}$$

$$+ 24760Y_{1835} + 16295Y_{1836} + 10672Y_{1837} \tag{614}$$

$$+ 22682Y_{1838} + 15074Y_{1839} + 7229Y_{1840} \tag{615}$$

$$+ 7502Y_{1841} + 17772Y_{1842} + 20603Y_{1843} \tag{616}$$

$$+ 20385Y_{1844} + 23954Y_{1845} + 9004Y_{1846} \tag{617}$$

$$+ 19016Y_{1847} + 20064Y_{1848} + 20976Y_{1849} \tag{618}$$

$$+ 17291Y_{1850} + 17804Y_{1851} + 15535Y_{1852} \tag{619}$$

$$+ 21348Y_{1853} + 18175Y_{1854} + 11940Y_{1855} \tag{620}$$

$$+ 19040Y_{1856} + 6658Y_{1857} + 20932Y_{1858} \tag{621}$$

$$+ 14463Y_{1859} + 6552Y_{1860} + 16300Y_{1861} \tag{622}$$

$$+ 16303Y_{1862} + 7410Y_{1863} + 22336Y_{1864} \tag{623}$$

$$+ 14930Y_{1865} + 20935Y_{1866} + 18065Y_{1867} \tag{624}$$

$$+ 17188Y_{1868} + 17605Y_{1869} + 11771Y_{1870} \tag{625}$$

$$+ 12894Y_{1871} + 16808Y_{1872} + 19784Y_{1873} \tag{626}$$

$$+ 20809Y_{1874} + 24639Y_{1875} + 24632Y_{1876} \tag{627}$$

$$+ 16307Y_{1877} + 6667Y_{1878} + 17060Y_{1879} \tag{628}$$

$$+ 19085Y_{1880} + 16860Y_{1881} + 20215Y_{1882} \tag{629}$$

$$+ 21955Y_{1883} + 15921Y_{1884} + 20129Y_{1885} \tag{630}$$

$$+ 8234Y_{1886} + 11362Y_{1887} + 23846Y_{1888} \tag{631}$$

$$+ 23844Y_{1889} + 15172Y_{1890} + 14798Y_{1891} \tag{632}$$

$$+ 21581Y_{1892} + 16360Y_{1893} + 24891Y_{1894} \tag{633}$$

$$+ 17089Y_{1895} + 19347Y_{1896} + 9004Y_{1897} \tag{634}$$

$$+ 17243Y_{1898} + 12154Y_{1899} + 13548Y_{1900} \tag{635}$$

$$+ 19730Y_{1901} + 18439Y_{1902} + 21541Y_{1903} \tag{636}$$

$$+ 23564Y_{1904} + 21545Y_{1905} + 14294Y_{1906} \tag{637}$$

$$+ 23042Y_{1907} + 24459Y_{1908} + 10931Y_{1909} \tag{638}$$

$$+ 25569Y_{1910} + 7169Y_{1911} + 19904Y_{1912} \tag{639}$$

$$+ 23302Y_{1913} + 15381Y_{1914} + 19158Y_{1915} \tag{640}$$

$$+ 18454Y_{1916} + 17660Y_{1917} + 9449Y_{1918} \tag{641}$$

$$+ 9838Y_{1919} + 7594Y_{1920} + 23306Y_{1921} \tag{642}$$

$$+ 7597Y_{1922} + 23287Y_{1923} + 25183Y_{1924} \tag{643}$$

$$+ 10743Y_{1925} + 15400Y_{1926} + 17005Y_{1927} \tag{644}$$

$$+ 25539Y_{1928} + 15401Y_{1929} + 8722Y_{1930} \tag{645}$$

$$+ 13226Y_{1931} + 20773Y_{1932} + 21511Y_{1933} \tag{646}$$

$$+ 19497Y_{1934} + 8489Y_{1935} + 10542Y_{1936} \tag{647}$$

$$+ 7673Y_{1937} + 13791Y_{1938} + 23636Y_{1939} \tag{648}$$

$$+ 12002Y_{1940} + 14177Y_{1941} + 7530Y_{1942} \tag{649}$$

$$+ 14176Y_{1943} + 9071Y_{1944} + 18703Y_{1945} \tag{650}$$

$$+ 14716Y_{1946} + 17892Y_{1947} + 18193Y_{1948} \tag{651}$$

$$+ 23880Y_{1949} + 25041Y_{1950} + 21170Y_{1951} \tag{652}$$

$$+ 23459Y_{1952} + 10867Y_{1953} + 23890Y_{1954} \tag{653}$$

$$+ 20080Y_{1955} + 7447Y_{1956} + 24111Y_{1957} \tag{654}$$

$$+ 10882Y_{1958} + 21861Y_{1959} + 25002Y_{1960} \tag{655}$$

$$+ 19779Y_{1961} + 12601Y_{1962} + 10825Y_{1963} \tag{656}$$

$$+ 6559Y_{1964} + 10890Y_{1965} + 23687Y_{1966} \tag{657}$$

$$+ 9561Y_{1967} + 24962Y_{1968} + 20800Y_{1969} \tag{658}$$

$$+ 9820Y_{1970} + 25045Y_{1971} + 20801Y_{1972} \tag{659}$$

$$+ 23705Y_{1973} + 19776Y_{1974} + 15168Y_{1975} \tag{660}$$

$$+ 18350Y_{1976} + 13638Y_{1977} + 22315Y_{1978} \tag{661}$$

$$+ 22088Y_{1979} + 17985Y_{1980} + 8245Y_{1981} \tag{662}$$

$$+ 21574Y_{1982} + 15856Y_{1983} + 20586Y_{1984} \tag{663}$$

$$+ 12903Y_{1985} + 9915Y_{1986} + 10795Y_{1987} \tag{664}$$

$$+ 16141Y_{1988} + 10397Y_{1989} + 18600Y_{1990} \tag{665}$$

$$+ 9625Y_{1991} + 23091Y_{1992} + 22892Y_{1993} \tag{666}$$

$$+ 23413Y_{1994} + 9626Y_{1995} + 16349Y_{1996} \tag{667}$$

$$+ 25362Y_{1997} + 16863Y_{1998} + 21127Y_{1999} \tag{668}$$

$$+ 24319Y_{2000} + 13552Y_{2001} + 23039Y_{2002} \tag{669}$$

$$+ 6788Y_{2003} + 24085Y_{2004} + 9333Y_{2005} \tag{670}$$

$$+ 19675Y_{2006} + 9782Y_{2007} + 17038Y_{2008} \tag{671}$$

$$+ 24314Y_{2009} + 16588Y_{2010} + 23321Y_{2011} \tag{672}$$

$$+ 25177Y_{2012} + 7927Y_{2013} + 16534Y_{2014} \tag{673}$$

$$+ 18779Y_{2015} + 12037Y_{2016} + 23008Y_{2017} \tag{674}$$

$$+ 19165Y_{2018} + 17885Y_{2019} + 22998Y_{2020} \tag{675}$$

$$+ 17004Y_{2021} + 19164Y_{2022} + 15443Y_{2023} \tag{676}$$

$$+ 22539Y_{2024} + 16630Y_{2025} + 12704Y_{2026} \tag{677}$$

$$+ 16624Y_{2027} + 10957Y_{2028} + 8386Y_{2029} \tag{678}$$

$$+ 21255Y_{2030} + 17684Y_{2031} + 10556Y_{2032} \tag{679}$$

$$+ 13756Y_{2033} + 23666Y_{2034} + 20902Y_{2035} \tag{680}$$

$$+ 16493Y_{2036} + 6487Y_{2037} + 6731Y_{2038} \tag{681}$$

$$+ 25232Y_{2039} + 9296Y_{2040} + 24546Y_{2041} \tag{682}$$

$$+ 19842Y_{2042} + 23579Y_{2043} + 17817Y_{2044} \tag{683}$$

$$+ 7492Y_{2045} + 14251Y_{2046} + 6771Y_{2047} \tag{684}$$

$$+ 16699Y_{2048} + 15546Y_{2049} + 9541Y_{2050} \tag{685}$$

$$+ 24345Y_{2051} + 15773Y_{2052} + 23981Y_{2053} \tag{686}$$

$$+ 23454Y_{2054} + 23449Y_{2055} + 17357Y_{2056} \tag{687}$$

$$+ 7041Y_{2057} + 10360Y_{2058} + 12982Y_{2059} \tag{688}$$

$$+ 11464Y_{2060} + 13919Y_{2061} + 10144Y_{2062} \tag{689}$$

$$+ 14704Y_{2063} + 17162Y_{2064} + 16780Y_{2065} \tag{690}$$

$$+ 9564Y_{2066} + 11904Y_{2067} + 16422Y_{2068} \tag{691}$$

$$+ 23713Y_{2069} + 9936Y_{2070} + 15177Y_{2071} \tag{692}$$

$$+ 14927Y_{2072} + 23098Y_{2073} + 21559Y_{2074} \tag{693}$$

$$+ 22791Y_{2075} + 10314Y_{2076} + 20213Y_{2077} \tag{694}$$

$$+ 21193Y_{2078} + 9173Y_{2079} + 20600Y_{2080} \tag{695}$$

$$+ 18327Y_{2081} + 18637Y_{2082} + 12915Y_{2083} \tag{696}$$

$$+ 13218Y_{2084} + 13362Y_{2085} + 16107Y_{2086} \tag{697}$$

$$+ 24232Y_{2087} + 22324Y_{2088} + 11814Y_{2089} \tag{698}$$

$$+ 15865Y_{2090} + 18913Y_{2091} + 10782Y_{2092} \tag{699}$$

$$+ 6873Y_{2093} + 15854Y_{2094} + 19345Y_{2095} \tag{700}$$

$$+ 25127Y_{2096} + 11803Y_{2097} + 18372Y_{2098} \tag{701}$$

$$+ 22842Y_{2099} + 19197Y_{2100} + 12417Y_{2101} \tag{702}$$

$$+ 20468Y_{2102} + 9401Y_{2103} + 9790Y_{2104} \tag{703}$$

$$+ 10481Y_{2105} + 7686Y_{2106} + 6419Y_{2107} \tag{704}$$

$$+ 17710Y_{2108} + 7557Y_{2109} + 11277Y_{2110} \tag{705}$$

$$+ 13218Y_{2111} + 22203Y_{2112} + 20715Y_{2113} \tag{706}$$

$$+ 17438Y_{2114} + 6831Y_{2115} + 20652Y_{2116} \tag{707}$$

$$+ 13215Y_{2117} + 9388Y_{2118} + 22537Y_{2119} \tag{708}$$

$$+ 8465Y_{2120} + 10159Y_{2121} + 24412Y_{2122} \tag{709}$$

$$+ 20457Y_{2123} + 15476Y_{2124} + 21440Y_{2125} \tag{710}$$

$$+ 21845Y_{2126} + 20039Y_{2127} + 10983Y_{2128} \tag{711}$$

$$+ 9719Y_{2129} + 17396Y_{2130} + 14232Y_{2131} \tag{712}$$

$$+ 25290Y_{2132} + 13249Y_{2133} + 11220Y_{2134} \tag{713}$$

$$+ 10557Y_{2135} + 7291Y_{2136} + 20369Y_{2137} \tag{714}$$

$$+ 20002Y_{2138} + 21809Y_{2139} + 22412Y_{2140} \tag{715}$$

$$+ 25466Y_{2141} + 13518Y_{2142} + 12021Y_{2143} \tag{716}$$

$$+ 10203Y_{2144} + 18196Y_{2145} + 16903Y_{2146} \tag{717}$$

$$+ 21426Y_{2147} + 16437Y_{2148} + 11710Y_{2149} \tag{718}$$

$$+ 20067Y_{2150} + 22786Y_{2151} + 7054Y_{2152} \tag{719}$$

$$+ 14858Y_{2153} + 17286Y_{2154} + 20275Y_{2155} \tag{720}$$

$$+ 20280Y_{2156} + 10341Y_{2157} + 19403Y_{2158} \tag{721}$$

$$+ 10368Y_{2159} + 24757Y_{2160} + 11705Y_{2161} \tag{722}$$

$$+ 15603Y_{2162} + 13724Y_{2163} + 13368Y_{2164} \tag{723}$$

$$+ 23193Y_{2165} + 23923Y_{2166} + 14399Y_{2167} \tag{724}$$

$$+ 18988Y_{2168} + 8306Y_{2169} + 14687Y_{2170} \tag{725}$$

$$+ 8927Y_{2171} + 12229Y_{2172} + 21667Y_{2173} \tag{726}$$

$$+ 15193Y_{2174} + 9691Y_{2175} + 20122Y_{2176} \tag{727}$$

$$+ 16058Y_{2177} + 19778Y_{2178} + 16314Y_{2179} \tag{728}$$

$$+ 11411Y_{2180} + 14366Y_{2181} + 24901Y_{2182} \tag{729}$$

$$+ 19090Y_{2183} + 21958Y_{2184} + 7123Y_{2185} \tag{730}$$

$$+ 20164Y_{2186} + 13145Y_{2187} + 7781Y_{2188} \tag{731}$$

$$+ 25115Y_{2189} + 23865Y_{2190} + 6875Y_{2191} \tag{732}$$

$$+ 13101Y_{2192} + 14900Y_{2193} + 17255Y_{2194} \tag{733}$$

$$+ 20617Y_{2195} + 13631Y_{2196} + 6849Y_{2197} \tag{734}$$

$$+ 13324Y_{2198} + 18500Y_{2199} + 17916Y_{2200} \tag{735}$$

$$+ 23572Y_{2201} + 19719Y_{2202} + 19542Y_{2203} \tag{736}$$

$$+ 21315Y_{2204} + 19959Y_{2205} + 17713Y_{2206} \tag{737}$$

$$+ 10485Y_{2207} + 15781Y_{2208} + 18189Y_{2209} \tag{738}$$

$$+ 20393Y_{2210} + 19536Y_{2211} + 12414Y_{2212} \tag{739}$$

$$+ 16990Y_{2213} + 24427Y_{2214} + 21494Y_{2215} \tag{740}$$

$$+ 15394Y_{2216} + 16608Y_{2217} + 9464Y_{2218} \tag{741}$$

$$+ 17462Y_{2219} + 12297Y_{2220} + 21490Y_{2221} \tag{742}$$

$$+ 19557Y_{2222} + 12325Y_{2223} + 22526Y_{2224} \tag{743}$$

$$+ 9280Y_{2225} + 6722Y_{2226} + 24740Y_{2227} \tag{744}$$

$$+ 14594Y_{2228} + 9285Y_{2229} + 10615Y_{2230} \tag{745}$$

$$+ 19498Y_{2231} + 21399Y_{2232} + 15719Y_{2233} \tag{746}$$

$$+ 9036Y_{2234} + 16278Y_{2235} + 22974Y_{2236} \tag{747}$$

$$+ 11205Y_{2237} + 24537Y_{2238} + 22945Y_{2239} \tag{748}$$

$$+ 14251Y_{2240} + 11240Y_{2241} + 17530Y_{2242} \tag{749}$$

$$+ 16684Y_{2243} + 17374Y_{2244} + 17368Y_{2245} \tag{750}$$

$$+ 24511Y_{2246} + 7273Y_{2247} + 7265Y_{2248} \tag{751}$$

$$+ 9765Y_{2249} + 22244Y_{2250} + 20904Y_{2251} \tag{752}$$

$$+ 16011Y_{2252} + 24119Y_{2253} + 8552Y_{2254} \tag{753}$$

$$+ 8737Y_{2255} + 25397Y_{2256} + 18574Y_{2257} \tag{754}$$

$$+ 12515Y_{2258} + 9990Y_{2259} + 14849Y_{2260} \tag{755}$$

$$+ 17529Y_{2261} + 10144Y_{2262} + 11905Y_{2263} \tag{756}$$

$$+ 13488Y_{2264} + 24125Y_{2265} + 24969Y_{2266} \tag{757}$$

$$+ 20349Y_{2267} + 22755Y_{2268} + 12110Y_{2269} \tag{758}$$

$$+ 9198Y_{2270} + 18994Y_{2271} + 19443Y_{2272} \tag{759}$$

$$+ 24601Y_{2273} + 19851Y_{2274} + 19323Y_{2275} \tag{760}$$

$$+ 23935Y_{2276} + 6916Y_{2277} + 13124Y_{2278} \tag{761}$$

$$+ 17952Y_{2279} + 8644Y_{2280} + 21650Y_{2281} \tag{762}$$

$$+ 13666Y_{2282} + 13603Y_{2283} + 10425Y_{2284} \tag{763}$$

$$+ 11739Y_{2285} + 8173Y_{2286} + 11741Y_{2287} \tag{764}$$

$$+ 14357Y_{2288} + 7318Y_{2289} + 11155Y_{2290} \tag{765}$$

$$+ 13303Y_{2291} + 14743Y_{2292} + 15871Y_{2293} \tag{766}$$

$$+ 12198Y_{2294} + 12871Y_{2295} + 23417Y_{2296} \tag{767}$$

$$+ 10395Y_{2297} + 21983Y_{2298} + 20609Y_{2299} \tag{768}$$

$$+ 11520Y_{2300} + 22659Y_{2301} + 10240Y_{2302} \tag{769}$$

$$+ 22214Y_{2303} + 7156Y_{2304} + 8655Y_{2305} \tag{770}$$

$$+ 7926Y_{2306} + 15339Y_{2307} + 23570Y_{2308} \tag{771}$$

$$+ 8676Y_{2309} + 21528Y_{2310} + 21547Y_{2311} \tag{772}$$

$$+ 23550Y_{2312} + 9837Y_{2313} + 19536Y_{2314} \tag{773}$$

$$+ 6440Y_{2315} + 6814Y_{2316} + 16531Y_{2317} \tag{774}$$

$$+ 7477Y_{2318} + 15449Y_{2319} + 10740Y_{2320} \tag{775}$$

$$+ 21487Y_{2321} + 10974Y_{2322} + 11576Y_{2323} \tag{776}$$

$$+ 7595Y_{2324} + 19936Y_{2325} + 6466Y_{2326} \tag{777}$$

$$+ 20998Y_{2327} + 20420Y_{2328} + 14162Y_{2329} \tag{778}$$

$$+ 10613Y_{2330} + 8755Y_{2331} + 25489Y_{2332} \tag{779}$$

$$+ 19973Y_{2333} + 9035Y_{2334} + 15720Y_{2335} \tag{780}$$

$$+ 14254Y_{2336} + 12372Y_{2337} + 17405Y_{2338} \tag{781}$$

$$+ 11250Y_{2339} + 23643Y_{2340} + 25008Y_{2341} \tag{782}$$

$$+ 12546Y_{2342} + 12372Y_{2343} + 14493Y_{2344} \tag{783}$$

$$+ 17369Y_{2345} + 19629Y_{2346} + 10616Y_{2347} \tag{784}$$

$$+ 8320Y_{2348} + 22227Y_{2349} + 16384Y_{2350} \tag{785}$$

$$+ 18563Y_{2351} + 9548Y_{2352} + 6514Y_{2353} \tag{786}$$

$$+ 23300Y_{2354} + 18940Y_{2355} + 6976Y_{2356} \tag{787}$$

$$+ 20909Y_{2357} + 8112Y_{2358} + 16782Y_{2359} \tag{788}$$

$$+ 15971Y_{2360} + 16021Y_{2361} + 22057Y_{2362} \tag{789}$$

$$+ 18072Y_{2363} + 24158Y_{2364} + 17177Y_{2365} \tag{790}$$

$$+ 7853Y_{2366} + 11442Y_{2367} + 8078Y_{2368} \tag{791}$$

$$+ 18968Y_{2369} + 22062Y_{2370} + 18604Y_{2371} \tag{792}$$

$$+ 16807Y_{2372} + 24171Y_{2373} + 14472Y_{2374} \tag{793}$$

$$+ 11906Y_{2375} + 11057Y_{2376} + 14877Y_{2377} \tag{794}$$

$$+ 9920Y_{2378} + 23715Y_{2379} + 25008Y_{2380} \tag{795}$$

$$+ 22314Y_{2381} + 11849Y_{2382} + 16143Y_{2383} \tag{796}$$

$$+ 9146Y_{2384} + 23372Y_{2385} + 8256Y_{2386} \tag{797}$$

$$+ 11797Y_{2387} + 24335Y_{2388} + 12245Y_{2389} \tag{798}$$

$$+ 11870Y_{2390} + 12641Y_{2391} + 15629Y_{2392} \tag{799}$$

$$+ 22345Y_{2393} + 23398Y_{2394} + 20197Y_{2395} \tag{800}$$

$$+ 14884Y_{2396} + 23410Y_{2397} + 20865Y_{2398} \tag{801}$$

$$+ 12225Y_{2399} + 10461Y_{2400} + 7160Y_{2401} \tag{802}$$

$$+ 18444Y_{2402} + 17700Y_{2403} + 14064Y_{2404} \tag{803}$$

$$+ 18547Y_{2405} + 18444Y_{2406} + 17932Y_{2407} \tag{804}$$

$$+ 24304Y_{2408} + 10250Y_{2409} + 23001Y_{2410} \tag{805}$$

$$+ 19597Y_{2411} + 23312Y_{2412} + 21280Y_{2413} \tag{806}$$

$$+ 15397Y_{2414} + 12474Y_{2415} + 10902Y_{2416} \tag{807}$$

$$+ 10521Y_{2417} + 7619Y_{2418} + 17910Y_{2419} \tag{808}$$

$$+ 13205Y_{2420} + 18547Y_{2421} + 22527Y_{2422} \tag{809}$$

$$+ 21770Y_{2423} + 11616Y_{2424} + 9391Y_{2425} \tag{810}$$

$$+ 15658Y_{2426} + 20963Y_{2427} + 19669Y_{2428} \tag{811}$$

$$+ 18234Y_{2429} + 6760Y_{2430} + 14613Y_{2431} \tag{812}$$

$$+ 12527Y_{2432} + 10196Y_{2433} + 19483Y_{2434} \tag{813}$$

$$+ 20012Y_{2435} + 6525Y_{2436} + 15545Y_{2437} \tag{814}$$

$$+ 21426Y_{2438} + 7658Y_{2439} + 22467Y_{2440} \tag{815}$$

$$+ 14323Y_{2441} + 22252Y_{2442} + 10564Y_{2443} \tag{816}$$

$$+ 21650Y_{2444} + 9097Y_{2445} + 12997Y_{2446} \tag{817}$$

$$+ 16459Y_{2447} + 23232Y_{2448} + 23148Y_{2449} \tag{818}$$

$$+ 23682Y_{2450} + 15998Y_{2451} + 12968Y_{2452} \tag{819}$$

$$+ 23450Y_{2453} + 15236Y_{2454} + 21632Y_{2455} \tag{820}$$

$$+ 21695Y_{2456} + 13419Y_{2457} + 21114Y_{2458} \tag{821}$$

$$+ 12138Y_{2459} + 12959Y_{2460} + 8121Y_{2461} \tag{822}$$

$$+ 18300Y_{2462} + 13694Y_{2463} + 8347Y_{2464} \tag{823}$$

$$+ 21160Y_{2465} + 9938Y_{2466} + 16044Y_{2467} \tag{824}$$

$$+ 24143Y_{2468} + 12125Y_{2469} + 17198Y_{2470} \tag{825}$$

$$+ 8307Y_{2471} + 10861Y_{2472} + 23919Y_{2473} \tag{826}$$

$$+ 17187Y_{2474} + 8805Y_{2475} + 17331Y_{2476} \tag{827}$$

$$+ 16098Y_{2477} + 19448Y_{2478} + 13353Y_{2479} \tag{828}$$

$$+ 14576Y_{2480} + 24208Y_{2481} + 7105Y_{2482} \tag{829}$$

$$+ 16830Y_{2483} + 13603Y_{2484} + 19300Y_{2485} \tag{830}$$

$$+ 12860Y_{2486} + 15107Y_{2487} + 21963Y_{2488} \tag{831}$$

$$+ 18918Y_{2489} + 12631Y_{2490} + 7403Y_{2491} \tag{832}$$

$$+ 10781Y_{2492} + 24920Y_{2493} + 17094Y_{2494} \tag{833}$$

$$+ 12883Y_{2495} + 8204Y_{2496} + 23420Y_{2497} \tag{834}$$

$$+ 11747Y_{2498} + 22872Y_{2499} + 19952Y_{2500} \tag{835}$$

$$+ 16748Y_{2501} + 19224Y_{2502} + 14121Y_{2503} \tag{836}$$

$$+ 23042Y_{2504} + 6793Y_{2505} + 19594Y_{2506} \tag{837}$$

$$+ 22193Y_{2507} + 23555Y_{2508} + 9840Y_{2509} \tag{838}$$

$$+ 14950Y_{2510} + 8683Y_{2511} + 8457Y_{2512} \tag{839}$$

$$+ 24794Y_{2513} + 21823Y_{2514} + 25500Y_{2515} \tag{840}$$

$$+ 14989Y_{2516} + 14999Y_{2517} + 16548Y_{2518} \tag{841}$$

$$+ 17445Y_{2519} + 22612Y_{2520} + 19518Y_{2521} \tag{842}$$

$$+ 7737Y_{2522} + 7214Y_{2523} + 16961Y_{2524} \tag{843}$$

$$+ 23237Y_{2525} + 13226Y_{2526} + 13465Y_{2527} \tag{844}$$

$$+ 22722Y_{2528} + 24549Y_{2529} + 23256Y_{2530} \tag{845}$$

$$+ 15499Y_{2531} + 12711Y_{2532} + 21842Y_{2533} \tag{846}$$

$$+ 15053Y_{2534} + 17837Y_{2535} + 11624Y_{2536} \tag{847}$$

$$+ 21473Y_{2537} + 21401Y_{2538} + 12608Y_{2539} \tag{848}$$

$$+ 10330Y_{2540} + 11618Y_{2541} + 22470Y_{2542} \tag{849}$$

$$+ 22678Y_{2543} + 16251Y_{2544} + 18980Y_{2545} \tag{850}$$

$$+ 11482Y_{2546} + 24128Y_{2547} + 9612Y_{2548} \tag{851}$$

$$+ 22411Y_{2549} + 14493Y_{2550} + 14488Y_{2551} \tag{852}$$

$$+ 17551Y_{2552} + 6989Y_{2553} + 13417Y_{2554} \tag{853}$$

$$+ 7437Y_{2555} + 12141Y_{2556} + 14670Y_{2557} \tag{854}$$

$$+ 10817Y_{2558} + 22767Y_{2559} + 9231Y_{2560} \tag{855}$$

$$+ 20553Y_{2561} + 7061Y_{2562} + 21158Y_{2563} \tag{856}$$

$$+ 9577Y_{2564} + 14896Y_{2565} + 25068Y_{2566} \tag{857}$$

$$+ 15177Y_{2567} + 22423Y_{2568} + 20939Y_{2569} \tag{858}$$

$$+ 12942Y_{2570} + 13685Y_{2571} + 11776Y_{2572} \tag{859}$$

$$+ 11654Y_{2573} + 23064Y_{2574} + 13112Y_{2575} \tag{860}$$

$$+ 10818Y_{2576} + 24189Y_{2577} + 11849Y_{2578} \tag{861}$$

$$+ 14389Y_{2579} + 14853Y_{2580} + 22835Y_{2581} \tag{862}$$

$$+ 7795Y_{2582} + 7331Y_{2583} + 22096Y_{2584} \tag{863}$$

$$+ 23841Y_{2585} + 13659Y_{2586} + 23746Y_{2587} \tag{864}$$

$$+ 24670Y_{2588} + 15100Y_{2589} + 7318Y_{2590} \tag{865}$$

$$+ 13317Y_{2591} + 22862Y_{2592} + 17100Y_{2593} \tag{866}$$

$$+ 14742Y_{2594} + 17621Y_{2595} + 14383Y_{2596} \tag{867}$$

$$+ 14005Y_{2597} + 21983Y_{2598} + 16529Y_{2599} \tag{868}$$

$$+ 11505Y_{2600} + 12401Y_{2601} + 23045Y_{2602} \tag{869}$$

$$+ 12434Y_{2603} + 17926Y_{2604} + 16211Y_{2605} \tag{870}$$

$$+ 16654Y_{2606} + 22647Y_{2607} + 24301Y_{2608} \tag{871}$$

$$+ 9816Y_{2609} + 16660Y_{2610} + 21496Y_{2611} \tag{872}$$

$$+ 23532Y_{2612} + 10505Y_{2613} + 20437Y_{2614} \tag{873}$$

$$+ 11335Y_{2615} + 15017Y_{2616} + 9822Y_{2617} \tag{874}$$

$$+ 24041Y_{2618} + 7738Y_{2619} + 18137Y_{2620} \tag{875}$$

$$+ 25534Y_{2621} + 24755Y_{2622} + 11951Y_{2623} \tag{876}$$

$$+ 9269Y_{2624} + 21453Y_{2625} + 10743Y_{2626} \tag{877}$$

$$+ 24446Y_{2627} + 18536Y_{2628} + 10547Y_{2629} \tag{878}$$

$$+ 18522Y_{2630} + 17798Y_{2631} + 10625Y_{2632} \tag{879}$$

$$+ 16964Y_{2633} + 24759Y_{2634} + 15827Y_{2635} \tag{880}$$

$$+ 20963Y_{2636} + 17369Y_{2637} + 25229Y_{2638} \tag{881}$$

$$+ 16645Y_{2639} + 16687Y_{2640} + 10193Y_{2641} \tag{882}$$

$$+ 9289Y_{2642} + 15091Y_{2643} + 20975Y_{2644} \tag{883}$$

$$+ 15545Y_{2645} + 11934Y_{2646} + 25262Y_{2647} \tag{884}$$

$$+ 7859Y_{2648} + 17351Y_{2649} + 20284Y_{2650} \tag{885}$$

$$+ 23462Y_{2651} + 16395Y_{2652} + 15615Y_{2653} \tag{886}$$

$$+ 15596Y_{2654} + 17158Y_{2655} + 11968Y_{2656} \tag{887}$$

$$+ 13922Y_{2657} + 11480Y_{2658} + 20545Y_{2659} \tag{888}$$

$$+ 14676Y_{2660} + 9566Y_{2661} + 22015Y_{2662} \tag{889}$$

$$+ 23958Y_{2663} + 13907Y_{2664} + 8632Y_{2665} \tag{890}$$

$$+ 12960Y_{2666} + 14687Y_{2667} + 17981Y_{2668} \tag{891}$$

$$+ 6684Y_{2669} + 23359Y_{2670} + 22080Y_{2671} \tag{892}$$

$$+ 21175Y_{2672} + 23168Y_{2673} + 7398Y_{2674} \tag{893}$$

$$+ 21895Y_{2675} + 17595Y_{2676} + 18647Y_{2677} \tag{894}$$

$$+ 18872Y_{2678} + 12907Y_{2679} + 12229Y_{2680} \tag{895}$$

$$+ 15923Y_{2681} + 15142Y_{2682} + 14792Y_{2683} \tag{896}$$

$$+ 14412Y_{2684} + 19079Y_{2685} + 17648Y_{2686} \tag{897}$$

$$+ 8968Y_{2687} + 23838Y_{2688} + 16313Y_{2689} \tag{898}$$

$$+ 22125Y_{2690} + 15907Y_{2691} + 15640Y_{2692} \tag{899}$$

$$+ 17123Y_{2693} + 12861Y_{2694} + 17643Y_{2695} \tag{900}$$

$$+ 13626Y_{2696} + 21233Y_{2697} + 10995Y_{2698} \tag{901}$$

$$+ 24909Y_{2699} + 8430Y_{2700} + 6403Y_{2701} \tag{902}$$

$$+ 15277Y_{2702} + 25589Y_{2703} + 21318Y_{2704} \tag{903}$$

$$+ 16202Y_{2705} + 10481Y_{2706} + 9435Y_{2707} \tag{904}$$

$$+ 7917Y_{2708} + 10933Y_{2709} + 21738Y_{2710} \tag{905}$$

$$+ 13161Y_{2711} + 19155Y_{2712} + 18833Y_{2713} \tag{906}$$

$$+ 7704Y_{2714} + 21268Y_{2715} + 11330Y_{2716} \tag{907}$$

$$+ 7640Y_{2717} + 22994Y_{2718} + 7244Y_{2719} \tag{908}$$

$$+ 17910Y_{2720} + 7734Y_{2721} + 17894Y_{2722} \tag{909}$$

$$+ 17675Y_{2723} + 11005Y_{2724} + 8360Y_{2725} \tag{910}$$

$$+ 11975Y_{2726} + 24005Y_{2727} + 25281Y_{2728} \tag{911}$$

$$+ 19661Y_{2729} + 15732Y_{2730} + 25298Y_{2731} \tag{912}$$

$$+ 9084Y_{2732} + 19269Y_{2733} + 9702Y_{2734} \tag{913}$$

$$+ 20769Y_{2735} + 7291Y_{2736} + 13789Y_{2737} \tag{914}$$

$$+ 8047Y_{2738} + 23204Y_{2739} + 9309Y_{2740} \tag{915}$$

$$+ 12735Y_{2741} + 13498Y_{2742} + 12365Y_{2743} \tag{916}$$

$$+ 9070Y_{2744} + 12757Y_{2745} + 13584Y_{2746} \tag{917}$$

$$+ 10642Y_{2747} + 24357Y_{2748} + 23269Y_{2749} \tag{918}$$

$$+ 17805Y_{2750} + 9978Y_{2751} + 16755Y_{2752} \tag{919}$$

$$+ 25412Y_{2753} + 7878Y_{2754} + 21899Y_{2755} \tag{920}$$

$$+ 8547Y_{2756} + 25041Y_{2757} + 23598Y_{2758} \tag{921}$$

$$+ 20301Y_{2759} + 16390Y_{2760} + 11479Y_{2761} \tag{922}$$

$$+ 17309Y_{2762} + 25442Y_{2763} + 22808Y_{2764} \tag{923}$$

$$+ 13715Y_{2765} + 24174Y_{2766} + 7827Y_{2767} \tag{924}$$

$$+ 18064Y_{2768} + 25069Y_{2769} + 9190Y_{2770} \tag{925}$$

$$+ 11479Y_{2771} + 13932Y_{2772} + 12927Y_{2773} \tag{926}$$

$$+ 20923Y_{2774} + 7022Y_{2775} + 16095Y_{2776} \tag{927}$$

$$+ 18885Y_{2777} + 7849Y_{2778} + 23732Y_{2779} \tag{928}$$

$$+ 19100Y_{2780} + 12237Y_{2781} + 21793Y_{2782} \tag{929}$$

$$+ 23733Y_{2783} + 15167Y_{2784} + 23076Y_{2785} \tag{930}$$

$$+ 24205Y_{2786} + 16838Y_{2787} + 23833Y_{2788} \tag{931}$$

$$+ 8630Y_{2789} + 7815Y_{2790} + 18088Y_{2791} \tag{932}$$

$$+ 10815Y_{2792} + 9642Y_{2793} + 25349Y_{2794} \tag{933}$$

$$+ 23862Y_{2795} + 20620Y_{2796} + 18366Y_{2797} \tag{934}$$

$$+ 25143Y_{2798} + 24703Y_{2799} + 22661Y_{2800} \tag{935}$$

$$+ 13846Y_{2801} + 19195Y_{2802} + 24298Y_{2803} \tag{936}$$

$$+ 25590Y_{2804} + 7530Y_{2805} + 7710Y_{2806} \tag{937}$$

$$+ 23322Y_{2807} + 8680Y_{2808} + 7196Y_{2809} \tag{938}$$

$$+ 20432Y_{2810} + 11285Y_{2811} + 8689Y_{2812} \tag{939}$$

$$+ 9445Y_{2813} + 9006Y_{2814} + 14103Y_{2815} \tag{940}$$

$$+ 12832Y_{2816} + 22172Y_{2817} + 18132Y_{2818} \tag{941}$$

$$+ 22172Y_{2819} + 17678Y_{2820} + 24252Y_{2821} \tag{942}$$

$$+ 6841Y_{2822} + 10732Y_{2823} + 17687Y_{2824} \tag{943}$$

$$+ 17862Y_{2825} + 14110Y_{2826} + 9500Y_{2827} \tag{944}$$

$$+ 8746Y_{2828} + 13751Y_{2829} + 6507Y_{2830} \tag{945}$$

$$+ 19167Y_{2831} + 19647Y_{2832} + 16719Y_{2833} \tag{946}$$

$$+ 11972Y_{2834} + 16711Y_{2835} + 24547Y_{2836} \tag{947}$$

$$+ 6710Y_{2837} + 22692Y_{2838} + 12372Y_{2839} \tag{948}$$

$$+ 11988Y_{2840} + 14175Y_{2841} + 20684Y_{2842} \tag{949}$$

$$+ 14696Y_{2843} + 9294Y_{2844} + 18202Y_{2845} \tag{950}$$

$$+ 15768Y_{2846} + 12371Y_{2847} + 21873Y_{2848} \tag{951}$$

$$+ 21795Y_{2849} + 17358Y_{2850} + 10578Y_{2851} \tag{952}$$

$$+ 10891Y_{2852} + 25407Y_{2853} + 23661Y_{2854} \tag{953}$$

$$+ 18558Y_{2855} + 13040Y_{2856} + 15317Y_{2857} \tag{954}$$

$$+ 16016Y_{2858} + 21105Y_{2859} + 14687Y_{2860} \tag{955}$$

$$+ 24939Y_{2861} + 20534Y_{2862} + 18639Y_{2863} \tag{956}$$

$$+ 10304Y_{2864} + 20947Y_{2865} + 8289Y_{2866} \tag{957}$$

$$+ 16025Y_{2867} + 18295Y_{2868} + 20091Y_{2869} \tag{958}$$

$$+ 14696Y_{2870} + 21675Y_{2871} + 23945Y_{2872} \tag{959}$$

$$+ 6559Y_{2873} + 11459Y_{2874} + 6949Y_{2875} \tag{960}$$

$$+ 22420Y_{2876} + 24592Y_{2877} + 24628Y_{2878} \tag{961}$$

$$+ 18973Y_{2879} + 23474Y_{2880} + 9160Y_{2881} \tag{962}$$

$$+ 8308Y_{2882} + 22079Y_{2883} + 21567Y_{2884} \tag{963}$$

$$+ 17213Y_{2885} + 19764Y_{2886} + 17212Y_{2887} \tag{964}$$

$$+ 8129Y_{2888} + 8884Y_{2889} + 12249Y_{2890} \tag{965}$$

$$+ 19756Y_{2891} + 12175Y_{2892} + 10037Y_{2893} \tag{966}$$

$$+ 20838Y_{2894} + 14379Y_{2895} + 23117Y_{2896} \tag{967}$$

$$+ 17615Y_{2897} + 16114Y_{2898} + 15464Y_{2899} \tag{968}$$

$$+ 24097Y_{2900} + 17931Y_{2901} + 19578Y_{2902} \tag{969}$$

$$+ 25590Y_{2903} + 12806Y_{2904} + 25572Y_{2905} \tag{970}$$

$$+ 25582Y_{2906} + 25198Y_{2907} + 12782Y_{2908} \tag{971}$$

$$+ 7545Y_{2909} + 20716Y_{2910} + 19646Y_{2911} \tag{972}$$

$$+ 19532Y_{2912} + 8477Y_{2913} + 14614Y_{2914} \tag{973}$$

$$+ 7942Y_{2915} + 12462Y_{2916} + 17667Y_{2917} \tag{974}$$

$$+ 13578Y_{2918} + 13564Y_{2919} + 22605Y_{2920} \tag{975}$$

$$+ 24413Y_{2921} + 18236Y_{2922} + 7591Y_{2923} \tag{976}$$

$$+ 13454Y_{2924} + 9733Y_{2925} + 23965Y_{2926} \tag{977}$$

$$+ 25295Y_{2927} + 9710Y_{2928} + 17209Y_{2929} \tag{978}$$

$$+ 19498Y_{2930} + 17770Y_{2931} + 21010Y_{2932} \tag{979}$$

$$+ 13270Y_{2933} + 16261Y_{2934} + 15513Y_{2935} \tag{980}$$

$$+ 7499Y_{2936} + 8121Y_{2937} + 7288Y_{2938} \tag{981}$$

$$+ 19230Y_{2939} + 23460Y_{2940} + 20051Y_{2941} \tag{982}$$

$$+ 17130Y_{2942} + 7263Y_{2943} + 22922Y_{2944} \tag{983}$$

$$+ 16678Y_{2945} + 20902Y_{2946} + 20311Y_{2947} \tag{984}$$

$$+ 20891Y_{2948} + 10883Y_{2949} + 11942Y_{2950} \tag{985}$$

$$+ 8104Y_{2951} + 17140Y_{2952} + 8871Y_{2953} \tag{986}$$

$$+ 18579Y_{2954} + 18252Y_{2955} + 8884Y_{2956} \tag{987}$$

$$+ 12600Y_{2957} + 23148Y_{2958} + 20938Y_{2959} \tag{988}$$

$$+ 9944Y_{2960} + 6563Y_{2961} + 13385Y_{2962} \tag{989}$$

$$+ 16038Y_{2963} + 22423Y_{2964} + 20549Y_{2965} \tag{990}$$

$$+ 23184Y_{2966} + 19892Y_{2967} + 8072Y_{2968} \tag{991}$$

$$+ 7818Y_{2969} + 8297Y_{2970} + 24596Y_{2971} \tag{992}$$

$$+ 16431Y_{2972} + 23812Y_{2973} + 25076Y_{2974} \tag{993}$$

$$+ 14926Y_{2975} + 22313Y_{2976} + 7143Y_{2977} \tag{994}$$

$$+ 25330Y_{2978} + 21583Y_{2979} + 10808Y_{2980} \tag{995}$$

$$+ 16785Y_{2981} + 19310Y_{2982} + 22313Y_{2983} \tag{996}$$

$$+ 18857Y_{2984} + 16311Y_{2985} + 13138Y_{2986} \tag{997}$$

$$+ 17591Y_{2987} + 23107Y_{2988} + 23380Y_{2989} \tag{998}$$

$$+ 12177Y_{2990} + 11734Y_{2991} + 8578Y_{2992} \tag{999}$$

$$+ 12209Y_{2993} + 20247Y_{2994} + 13109Y_{2995} \tag{1000}$$

$$+ 11747Y_{2996} + 11139Y_{2997} + 7300Y_{2998} \tag{1001}$$

$$+ 22847Y_{2999} + 18450Y_{3000} + 19202Y_{3001} \tag{1002}$$

$$+ 7916Y_{3002} + 7903Y_{3003} + 21864Y_{3004} \tag{1003}$$

$$+ 7530Y_{3005} + 18158Y_{3006} + 19397Y_{3007} \tag{1004}$$

$$+ 21327Y_{3008} + 12840Y_{3009} + 21523Y_{3010} \tag{1005}$$

$$+ 10513Y_{3011} + 13588Y_{3012} + 7205Y_{3013} \tag{1006}$$

$$+ 21623Y_{3014} + 21869Y_{3015} + 11560Y_{3016} \tag{1007}$$

$$+ 9037Y_{3017} + 16544Y_{3018} + 25158Y_{3019} \tag{1008}$$

$$+ 18769Y_{3020} + 22267Y_{3021} + 23510Y_{3022} \tag{1009}$$

$$+ 12332Y_{3023} + 10616Y_{3024} + 11216Y_{3025} \tag{1010}$$

$$+ 16733Y_{3026} + 13457Y_{3027} + 11974Y_{3028} \tag{1011}$$

$$+ 22947Y_{3029} + 12718Y_{3030} + 9713Y_{3031} \tag{1012}$$

$$+ 12350Y_{3032} + 17419Y_{3033} + 23453Y_{3034} \tag{1013}$$

$$+ 6490Y_{3035} + 22515Y_{3036} + 10135Y_{3037} \tag{1014}$$

$$+ 15521Y_{3038} + 21325Y_{3039} + 18509Y_{3040} \tag{1015}$$

$$+ 8412Y_{3041} + 21791Y_{3042} + 16694Y_{3043} \tag{1016}$$

$$+ 8775Y_{3044} + 7278Y_{3045} + 19256Y_{3046} \tag{1017}$$

$$+ 22260Y_{3047} + 18551Y_{3048} + 16095Y_{3049} \tag{1018}$$

$$+ 11026Y_{3050} + 9249Y_{3051} + 25024Y_{3052} \tag{1019}$$

$$+ 22770Y_{3053} + 11944Y_{3054} + 9969Y_{3055} \tag{1020}$$

$$+ 10368Y_{3056} + 15980Y_{3057} + 20311Y_{3058} \tag{1021}$$

$$+ 23664Y_{3059} + 23161Y_{3060} + 14703Y_{3061} \tag{1022}$$

$$+ 24553Y_{3062} + 18956Y_{3063} + 11905Y_{3064} \tag{1023}$$

$$+ 20529Y_{3065} + 21173Y_{3066} + 14839Y_{3067} \tag{1024}$$

$$+ 7010Y_{3068} + 19880Y_{3069} + 25331Y_{3070} \tag{1025}$$

$$+ 21623Y_{3071} + 24168Y_{3072} + 7398Y_{3073} \tag{1026}$$

$$+ 15934Y_{3074} + 20915Y_{3075} + 22415Y_{3076} \tag{1027}$$

$$+ 21175Y_{3077} + 9579Y_{3078} + 8638Y_{3079} \tag{1028}$$

$$+ 8301Y_{3080} + 13341Y_{3081} + 20814Y_{3082} \tag{1029}$$

$$+ 17106Y_{3083} + 6912Y_{3084} + 17249Y_{3085} \tag{1030}$$

$$+ 16837Y_{3086} + 20143Y_{3087} + 21204Y_{3088} \tag{1031}$$

$$+ 7110Y_{3089} + 10397Y_{3090} + 11800Y_{3091} \tag{1032}$$

$$+ 13306Y_{3092} + 21618Y_{3093} + 8213Y_{3094} \tag{1033}$$

$$+ 21240Y_{3095} + 24906Y_{3096} + 22885Y_{3097} \tag{1034}$$

$$+ 15658Y_{3098} + 14939Y_{3099} + 8965Y_{3100} \tag{1035}$$

$$+ 19948Y_{3101} + 16570Y_{3102} + 7686Y_{3103} \tag{1036}$$

$$+ 10457Y_{3104} + 13527Y_{3105} + 8662Y_{3106} \tag{1037}$$

$$+ 6800Y_{3107} + 8454Y_{3108} + 9352Y_{3109} \tag{1038}$$

$$+ 20688Y_{3110} + 21316Y_{3111} + 25174Y_{3112} \tag{1039}$$

$$+ 14331Y_{3113} + 10712Y_{3114} + 14560Y_{3115} \tag{1040}$$

$$+ 25173Y_{3116} + 24418Y_{3117} + 13588Y_{3118} \tag{1041}$$

$$+ 12829Y_{3119} + 10938Y_{3120} + 19157Y_{3121} \tag{1042}$$

$$+ 17682Y_{3122} + 23623Y_{3123} + 15825Y_{3124} \tag{1043}$$

$$+ 15486Y_{3125} + 16550Y_{3126} + 25270Y_{3127} \tag{1044}$$

$$+ 24370Y_{3128} + 22206Y_{3129} + 21433Y_{3130} \tag{1045}$$

$$+ 19665Y_{3131} + 13783Y_{3132} + 19287Y_{3133} \tag{1046}$$

$$+ 15277Y_{3134} + 20411Y_{3135} + 10555Y_{3136} \tag{1047}$$

$$+ 13195Y_{3137} + 19176Y_{3138} + 23955Y_{3139} \tag{1048}$$

$$+ 25285Y_{3140} + 17829Y_{3141} + 19668Y_{3142} \tag{1049}$$

$$+ 10537Y_{3143} + 12867Y_{3144} + 18547Y_{3145} \tag{1050}$$

$$+ 13479Y_{3146} + 18347Y_{3147} + 9078Y_{3148} \tag{1051}$$

$$+ 13058Y_{3149} + 23974Y_{3150} + 12539Y_{3151} \tag{1052}$$

$$+ 20760Y_{3152} + 9968Y_{3153} + 10866Y_{3154} \tag{1053}$$

$$+ 16767Y_{3155} + 15978Y_{3156} + 10867Y_{3157} \tag{1054}$$

$$+ 25014Y_{3158} + 11479Y_{3159} + 8565Y_{3160} \tag{1055}$$

$$+ 20892Y_{3161} + 7840Y_{3162} + 9559Y_{3163} \tag{1056}$$

$$+ 20320Y_{3164} + 22065Y_{3165} + 18591Y_{3166} \tag{1057}$$

$$+ 16792Y_{3167} + 10306Y_{3168} + 19046Y_{3169} \tag{1058}$$

$$+ 12579Y_{3170} + 20887Y_{3171} + 8055Y_{3172} \tag{1059}$$

$$+ 21385Y_{3173} + 20080Y_{3174} + 7813Y_{3175} \tag{1060}$$

$$+ 21556Y_{3176} + 22082Y_{3177} + 9681Y_{3178} \tag{1061}$$

$$+ 10436Y_{3179} + 12622Y_{3180} + 21564Y_{3181} \tag{1062}$$

$$+ 9192Y_{3182} + 20209Y_{3183} + 17207Y_{3184} \tag{1063}$$

$$+ 21204Y_{3185} + 20139Y_{3186} + 25098Y_{3187} \tag{1064}$$

$$+ 13142Y_{3188} + 9645Y_{3189} + 18625Y_{3190} \tag{1065}$$

$$+ 8597Y_{3191} + 23090Y_{3192} + 23091Y_{3193} \tag{1066}$$

$$+ 9856Y_{3194} + 19113Y_{3195} + 12628Y_{3196} \tag{1067}$$

$$+ 10008Y_{3197} + 12625Y_{3198} + 10948Y_{3199} \tag{1068}$$

$$+ 16190Y_{3200} + 10461Y_{3201} + 8963Y_{3202} \tag{1069}$$

$$+ 7688Y_{3203} + 17922Y_{3204} + 9775Y_{3205} \tag{1070}$$

$$+ 13152Y_{3206} + 23336Y_{3207} + 22222Y_{3208} \tag{1071}$$

$$+ 24293Y_{3209} + 18155Y_{3210} + 18109Y_{3211} \tag{1072}$$

$$+ 19681Y_{3212} + 16984Y_{3213} + 22174Y_{3214} \tag{1073}$$

$$+ 21332Y_{3215} + 20659Y_{3216} + 9827Y_{3217} \tag{1074}$$

$$+ 10276Y_{3218} + 7972Y_{3219} + 23282Y_{3220} \tag{1075}$$

$$+ 23289Y_{3221} + 24410Y_{3222} + 18122Y_{3223} \tag{1076}$$

$$+ 9393Y_{3224} + 21816Y_{3225} + 22561Y_{3226} \tag{1077}$$

$$+ 21262Y_{3227} + 18249Y_{3228} + 21732Y_{3229} \tag{1078}$$

$$+ 19185Y_{3230} + 9703Y_{3231} + 13773Y_{3232} \tag{1079}$$

$$+ 23535Y_{3233} + 16726Y_{3234} + 18427Y_{3235} \tag{1080}$$

$$+ 13791Y_{3236} + 10222Y_{3237} + 22466Y_{3238} \tag{1081}$$

$$+ 23953Y_{3239} + 22283Y_{3240} + 11019Y_{3241} \tag{1082}$$

$$+ 18703Y_{3242} + 23227Y_{3243} + 8856Y_{3244} \tag{1083}$$

$$+ 22533Y_{3245} + 25259Y_{3246} + 21798Y_{3247} \tag{1084}$$

$$+ 11490Y_{3248} + 13967Y_{3249} + 23450Y_{3250} \tag{1085}$$

$$+ 8015Y_{3251} + 18509Y_{3252} + 11481Y_{3253} \tag{1086}$$

$$+ 19298Y_{3254} + 24785Y_{3255} + 20522Y_{3256} \tag{1087}$$

$$+ 20503Y_{3257} + 22066Y_{3258} + 9556Y_{3259} \tag{1088}$$

$$+ 9241Y_{3260} + 7966Y_{3261} + 25449Y_{3262} \tag{1089}$$

$$+ 7030Y_{3263} + 20121Y_{3264} + 18884Y_{3265} \tag{1090}$$

$$+ 25305Y_{3266} + 9948Y_{3267} + 12671Y_{3268} \tag{1091}$$

$$+ 10441Y_{3269} + 7405Y_{3270} + 15805Y_{3271} \tag{1092}$$

$$+ 9695Y_{3272} + 18334Y_{3273} + 21572Y_{3274} \tag{1093}$$

$$+ 11773Y_{3275} + 17608Y_{3276} + 18870Y_{3277} \tag{1094}$$

$$+ 22101Y_{3278} + 6669Y_{3279} + 16141Y_{3280} \tag{1095}$$

$$+ 11169Y_{3281} + 14409Y_{3282} + 10777Y_{3283} \tag{1096}$$

$$+ 20580Y_{3284} + 15913Y_{3285} + 8913Y_{3286} \tag{1097}$$

$$+ 18380Y_{3287} + 13617Y_{3288} + 22870Y_{3289} \tag{1098}$$

$$+ 24239Y_{3290} + 16127Y_{3291} + 19118Y_{3292} \tag{1099}$$

$$+ 19337Y_{3293} + 10756Y_{3294} + 18891Y_{3295} \tag{1100}$$

$$+ 19482Y_{3296} + 15648Y_{3297} + 18365Y_{3298} \tag{1101}$$

$$+ 21678Y_{3299} + 24472Y_{3300} + 21083Y_{3301} \tag{1102}$$

$$+ 21757Y_{3302} + 11527Y_{3303} + 12085Y_{3304} \tag{1103}$$

$$+ 11312Y_{3305} + 22535Y_{3306} + 16561Y_{3307} \tag{1104}$$

$$+ 16206Y_{3308} + 24068Y_{3309} + 16548Y_{3310} \tag{1105}$$

$$+ 9275Y_{3311} + 9626Y_{3312} + 16609Y_{3313} \tag{1106}$$

$$+ 10495Y_{3314} + 24713Y_{3315} + 24810Y_{3316} \tag{1107}$$

$$+ 13898Y_{3317} + 22243Y_{3318} + 17894Y_{3319} \tag{1108}$$

$$+ 22990Y_{3320} + 16181Y_{3321} + 23188Y_{3322} \tag{1109}$$

$$+ 9322Y_{3323} + 13037Y_{3324} + 8377Y_{3325} \tag{1110}$$

$$+ 6722Y_{3326} + 18429Y_{3327} + 16509Y_{3328} \tag{1111}$$

$$+ 14234Y_{3329} + 19283Y_{3330} + 19647Y_{3331} \tag{1112}$$

$$+ 18749Y_{3332} + 15251Y_{3333} + 7044Y_{3334} \tag{1113}$$

$$+ 19494Y_{3335} + 16723Y_{3336} + 9702Y_{3337} \tag{1114}$$

$$+ 17826Y_{3338} + 24015Y_{3339} + 7523Y_{3340} \tag{1115}$$

$$+ 22687Y_{3341} + 14855Y_{3342} + 24716Y_{3343} \tag{1116}$$

$$+ 19249Y_{3344} + 17328Y_{3345} + 19997Y_{3346} \tag{1117}$$

$$+ 16684Y_{3347} + 8782Y_{3348} + 9529Y_{3349} \tag{1118}$$

$$+ 21798Y_{3350} + 15089Y_{3351} + 25485Y_{3352} \tag{1119}$$

$$+ 16675Y_{3353} + 23671Y_{3354} + 13818Y_{3355} \tag{1120}$$

$$+ 10355Y_{3356} + 11716Y_{3357} + 11117Y_{3358} \tag{1121}$$

$$+ 25024Y_{3359} + 19002Y_{3360} + 8546Y_{3361} \tag{1122}$$

$$+ 17293Y_{3362} + 8858Y_{3363} + 7897Y_{3364} \tag{1123}$$

$$+ 17311Y_{3365} + 10361Y_{3366} + 22820Y_{3367} \tag{1124}$$

$$+ 20543Y_{3368} + 10305Y_{3369} + 14659Y_{3370} \tag{1125}$$

$$+ 12946Y_{3371} + 23921Y_{3372} + 11438Y_{3373} \tag{1126}$$

$$+ 23695Y_{3374} + 11878Y_{3375} + 16375Y_{3376} \tag{1127}$$

$$+ 19074Y_{3377} + 19056Y_{3378} + 7145Y_{3379} \tag{1128}$$

$$+ 12223Y_{3380} + 20915Y_{3381} + 15891Y_{3382} \tag{1129}$$

$$+ 15670Y_{3383} + 19310Y_{3384} + 23826Y_{3385} \tag{1130}$$

$$+ 25111Y_{3386} + 22104Y_{3387} + 22857Y_{3388} \tag{1131}$$

$$+ 8235Y_{3389} + 9651Y_{3390} + 12630Y_{3391} \tag{1132}$$

$$+ 6896Y_{3392} + 7769Y_{3393} + 24233Y_{3394} \tag{1133}$$

$$+ 23786Y_{3395} + 14903Y_{3396} + 23799Y_{3397} \tag{1134}$$

$$+ 14898Y_{3398} + 18885Y_{3399} + 13859Y_{3400} \tag{1135}$$

$$+ 19954Y_{3401} + 22219Y_{3402} + 17026Y_{3403} \tag{1136}$$

$$+ 10907Y_{3404} + 8967Y_{3405} + 24838Y_{3406} \tag{1137}$$

$$+ 8981Y_{3407} + 16212Y_{3408} + 15327Y_{3409} \tag{1138}$$

$$+ 11286Y_{3410} + 15331Y_{3411} + 17465Y_{3412} \tag{1139}$$

$$+ 21734Y_{3413} + 15024Y_{3414} + 22202Y_{3415} \tag{1140}$$

$$+ 9451Y_{3416} + 15390Y_{3417} + 24029Y_{3418} \tag{1141}$$

$$+ 10698Y_{3419} + 11332Y_{3420} + 14327Y_{3421} \tag{1142}$$

$$+ 13162Y_{3422} + 12288Y_{3423} + 19671Y_{3424} \tag{1143}$$

$$+ 16292Y_{3425} + 10516Y_{3426} + 14174Y_{3427} \tag{1144}$$

$$+ 23619Y_{3428} + 12486Y_{3429} + 17764Y_{3430} \tag{1145}$$

$$+ 20410Y_{3431} + 11961Y_{3432} + 21009Y_{3433} \tag{1146}$$

$$+ 14218Y_{3434} + 25297Y_{3435} + 17832Y_{3436} \tag{1147}$$

$$+ 14121Y_{3437} + 17378Y_{3438} + 22911Y_{3439} \tag{1148}$$

$$+ 22954Y_{3440} + 19625Y_{3441} + 9508Y_{3442} \tag{1149}$$

$$+ 7505Y_{3443} + 15082Y_{3444} + 15086Y_{3445} \tag{1150}$$

$$+ 8778Y_{3446} + 10605Y_{3447} + 7052Y_{3448} \tag{1151}$$

$$+ 14494Y_{3449} + 20531Y_{3450} + 13059Y_{3451} \tag{1152}$$

$$+ 13964Y_{3452} + 15991Y_{3453} + 23683Y_{3454} \tag{1153}$$

$$+ 7447Y_{3455} + 13730Y_{3456} + 16390Y_{3457} \tag{1154}$$

$$+ 22012Y_{3458} + 8068Y_{3459} + 19870Y_{3460} \tag{1155}$$

$$+ 8334Y_{3461} + 12953Y_{3462} + 18064Y_{3463} \tag{1156}$$

$$+ 18024Y_{3464} + 8308Y_{3465} + 20808Y_{3466} \tag{1157}$$

$$+ 19890Y_{3467} + 16439Y_{3468} + 14404Y_{3469} \tag{1158}$$

$$+ 18633Y_{3470} + 12667Y_{3471} + 6945Y_{3472} \tag{1159}$$

$$+ 22768Y_{3473} + 20237Y_{3474} + 15117Y_{3475} \tag{1160}$$

$$+ 23815Y_{3476} + 14801Y_{3477} + 20266Y_{3478} \tag{1161}$$

$$+ 15893Y_{3479} + 14793Y_{3480} + 9646Y_{3481} \tag{1162}$$

$$+ 24654Y_{3482} + 7113Y_{3483} + 17054Y_{3484} \tag{1163}$$

$$+ 19083Y_{3485} + 19082Y_{3486} + 23097Y_{3487} \tag{1164}$$

$$+ 17641Y_{3488} + 13605Y_{3489} + 9126Y_{3490} \tag{1165}$$

$$+ 8600Y_{3491} + 9119Y_{3492} + 22114Y_{3493} \tag{1166}$$

$$+ 11387Y_{3494} + 12856Y_{3495} + 13335Y_{3496} \tag{1167}$$

$$+ 15885Y_{3497} + 25149Y_{3498} + 16680Y_{3499} \tag{1168}$$

$$+ 18826Y_{3500} + 16567Y_{3501} + 19949Y_{3502} \tag{1169}$$

$$+ 25214Y_{3503} + 14528Y_{3504} + 10921Y_{3505} \tag{1170}$$

$$+ 19734Y_{3506} + 24064Y_{3507} + 12778Y_{3508} \tag{1171}$$

$$+ 7942Y_{3509} + 14952Y_{3510} + 16616Y_{3511} \tag{1172}$$

$$+ 12087Y_{3512} + 15809Y_{3513} + 22630Y_{3514} \tag{1173}$$

$$+ 15468Y_{3515} + 21038Y_{3516} + 16151Y_{3517} \tag{1174}$$

$$+ 13589Y_{3518} + 22689Y_{3519} + 16240Y_{3520} \tag{1175}$$

$$+ 18136Y_{3521} + 12708Y_{3522} + 7744Y_{3523} \tag{1176}$$

$$+ 10562Y_{3524} + 6833Y_{3525} + 19557Y_{3526} \tag{1177}$$

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$$+ 7491Y_{3533} + 7988Y_{3534} + 16716Y_{3535} \tag{1180}$$

$$+ 11597Y_{3536} + 9253Y_{3537} + 14145Y_{3538} \tag{1181}$$

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$$+ 12741Y_{3542} + 15300Y_{3543} + 18185Y_{3544} \tag{1183}$$

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$$+ 20881Y_{3548} + 8871Y_{3549} + 19235Y_{3550} \tag{1185}$$

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$$+ 18040Y_{3554} + 24608Y_{3555} + 20075Y_{3556} \tag{1187}$$

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$$+ 10883Y_{3560} + 15577Y_{3561} + 23490Y_{3562} \tag{1189}$$

$$+ 22446Y_{3563} + 17344Y_{3564} + 16488Y_{3565} \tag{1190}$$

$$+ 15928Y_{3566} + 14802Y_{3567} + 13003Y_{3568} \tag{1191}$$

$$+ 7136Y_{3569} + 23807Y_{3570} + 24639Y_{3571} \tag{1192}$$

$$+ 24182Y_{3572} + 8934Y_{3573} + 15143Y_{3574} \tag{1193}$$

$$+ 12674Y_{3575} + 10809Y_{3576} + 7120Y_{3577} \tag{1194}$$

$$+ 20821Y_{3578} + 17581Y_{3579} + 9662Y_{3580} \tag{1195}$$

$$+ 19135Y_{3581} + 16314Y_{3582} + 23768Y_{3583} \tag{1196}$$

$$+ 16144Y_{3584} + 24646Y_{3585} + 13982Y_{3586} \tag{1197}$$

$$+ 15639Y_{3587} + 12192Y_{3588} + 23850Y_{3589} \tag{1198}$$

$$+ 11804Y_{3590} + 22878Y_{3591} + 14885Y_{3592} \tag{1199}$$

$$+ 15651Y_{3593} + 20189Y_{3594} + 14744Y_{3595} \tag{1200}$$

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$$+ 17421Y_{3599} + 7527Y_{3600} + 13548Y_{3601} \tag{1202}$$

$$+ 8425Y_{3602} + 24471Y_{3603} + 19580Y_{3604} \tag{1203}$$

$$+ 22657Y_{3605} + 11311Y_{3606} + 7168Y_{3607} \tag{1204}$$

$$+ 10479Y_{3608} + 22190Y_{3609} + 7913Y_{3610} \tag{1205}$$

$$+ 23027Y_{3611} + 7729Y_{3612} + 16659Y_{3613} \tag{1206}$$

$$+ 14344Y_{3614} + 22493Y_{3615} + 24421Y_{3616} \tag{1207}$$

$$+ 10955Y_{3617} + 23024Y_{3618} + 16178Y_{3619} \tag{1208}$$

$$+ 10554Y_{3620} + 10726Y_{3621} + 7623Y_{3622} \tag{1209}$$

$$+ 14324Y_{3623} + 12701Y_{3624} + 20041Y_{3625} \tag{1210}$$

$$+ 8383Y_{3626} + 21447Y_{3627} + 21463Y_{3628} \tag{1211}$$

$$+ 18174Y_{3629} + 7611Y_{3630} + 16717Y_{3631} \tag{1212}$$

$$+ 19270Y_{3632} + 25126Y_{3633} + 13259Y_{3634} \tag{1213}$$

$$+ 6585Y_{3635} + 6707Y_{3636} + 19480Y_{3637} \tag{1214}$$

$$+ 21329Y_{3638} + 14252Y_{3639} + 12756Y_{3640} \tag{1215}$$

$$+ 15525Y_{3641} + 22930Y_{3642} + 15077Y_{3643} \tag{1216}$$

$$+ 12547Y_{3644} + 15307Y_{3645} + 9246Y_{3646} \tag{1217}$$

$$+ 21403Y_{3647} + 19831Y_{3648} + 25024Y_{3649} \tag{1218}$$

$$+ 23462Y_{3650} + 11258Y_{3651} + 12624Y_{3652} \tag{1219}$$

$$+ 7435Y_{3653} + 16409Y_{3654} + 20303Y_{3655} \tag{1220}$$

$$+ 21901Y_{3656} + 23894Y_{3657} + 10139Y_{3658} \tag{1221}$$

$$+ 11428Y_{3659} + 13422Y_{3660} + 25378Y_{3661} \tag{1222}$$

$$+ 14701Y_{3662} + 8512Y_{3663} + 16030Y_{3664} \tag{1223}$$

$$+ 10316Y_{3665} + 20883Y_{3666} + 10136Y_{3667} \tag{1224}$$

$$+ 23917Y_{3668} + 9184Y_{3669} + 12642Y_{3670} \tag{1225}$$

$$+ 15203Y_{3671} + 20920Y_{3672} + 9945Y_{3673} \tag{1226}$$

$$+ 19072Y_{3674} + 24642Y_{3675} + 19106Y_{3676} \tag{1227}$$

$$+ 13679Y_{3677} + 6920Y_{3678} + 10442Y_{3679} \tag{1228}$$

$$+ 8531Y_{3680} + 14393Y_{3681} + 15578Y_{3682} \tag{1229}$$

$$+ 21195Y_{3683} + 11853Y_{3684} + 20832Y_{3685} \tag{1230}$$

$$+ 15686Y_{3686} + 11817Y_{3687} + 24219Y_{3688} \tag{1231}$$

$$+ 19136Y_{3689} + 14725Y_{3690} + 17626Y_{3691} \tag{1232}$$

$$+ 22339Y_{3692} + 19344Y_{3693} + 18894Y_{3694} \tag{1233}$$

$$+ 15648Y_{3695} + 21620Y_{3696} + 10764Y_{3697} \tag{1234}$$

$$+ 9635Y_{3698} + 6698Y_{3699} + 9791Y_{3700} \tag{1235}$$

$$+ 24322Y_{3701} + 7730Y_{3702} + 12429Y_{3703} \tag{1236}$$

$$+ 14301Y_{3704} + 6807Y_{3705} + 22197Y_{3706} \tag{1237}$$

$$+ 21049Y_{3707} + 19556Y_{3708} + 12410Y_{3709} \tag{1238}$$

$$+ 23296Y_{3710} + 21274Y_{3711} + 24085Y_{3712} \tag{1239}$$

$$+ 11324Y_{3713} + 17783Y_{3714} + 24432Y_{3715} \tag{1240}$$

$$+ 20788Y_{3716} + 22287Y_{3717} + 9493Y_{3718} \tag{1241}$$

$$+ 14993Y_{3719} + 12499Y_{3720} + 14232Y_{3721} \tag{1242}$$

$$+ 6498Y_{3722} + 9266Y_{3723} + 19274Y_{3724} \tag{1243}$$

$$+ 7514Y_{3725} + 22267Y_{3726} + 6492Y_{3727} \tag{1244}$$

$$+ 21834Y_{3728} + 21020Y_{3729} + 22284Y_{3730} \tag{1245}$$

$$+ 17841Y_{3731} + 8392Y_{3732} + 18724Y_{3733} \tag{1246}$$

$$+ 24849Y_{3734} + 21428Y_{3735} + 7500Y_{3736} \tag{1247}$$

$$+ 17343Y_{3737} + 10194Y_{3738} + 10340Y_{3739} \tag{1248}$$

$$+ 23788Y_{3740} + 15211Y_{3741} + 8775Y_{3742} \tag{1249}$$

$$+ 20532Y_{3743} + 14853Y_{3744} + 13705Y_{3745} \tag{1250}$$

$$+ 6954Y_{3746} + 9226Y_{3747} + 17731Y_{3748} \tag{1251}$$

$$+ 7030Y_{3749} + 19835Y_{3750} + 10887Y_{3751} \tag{1252}$$

$$+ 20284Y_{3752} + 12593Y_{3753} + 19413Y_{3754} \tag{1253}$$

$$+ 16016Y_{3755} + 16024Y_{3756} + 13712Y_{3757} \tag{1254}$$

$$+ 23723Y_{3758} + 22065Y_{3759} + 7290Y_{3760} \tag{1255}$$

$$+ 11053Y_{3761} + 8292Y_{3762} + 15443Y_{3763} \tag{1256}$$

$$+ 20936Y_{3764} + 17314Y_{3765} + 8275Y_{3766} \tag{1257}$$

$$+ 14428Y_{3767} + 24978Y_{3768} + 10330Y_{3769} \tag{1258}$$

$$+ 8645Y_{3770} + 8070Y_{3771} + 23812Y_{3772} \tag{1259}$$

$$+ 6910Y_{3773} + 20608Y_{3774} + 11399Y_{3775} \tag{1260}$$

$$+ 12889Y_{3776} + 8258Y_{3777} + 16861Y_{3778} \tag{1261}$$

$$+ 20883Y_{3779} + 10065Y_{3780} + 17086Y_{3781} \tag{1262}$$

$$+ 11863Y_{3782} + 13361Y_{3783} + 24182Y_{3784} \tag{1263}$$

$$+ 24198Y_{3785} + 12694Y_{3786} + 16835Y_{3787} \tag{1264}$$

$$+ 24214Y_{3788} + 8626Y_{3789} + 7776Y_{3790} \tag{1265}$$

$$+ 15650Y_{3791} + 24896Y_{3792} + 18921Y_{3793} \tag{1266}$$

$$+ 17637Y_{3794} + 13620Y_{3795} + 19119Y_{3796} \tag{1267}$$

$$+ 9116Y_{3797} + 23621Y_{3798} + 19697Y_{3799} \tag{1268}$$

$$+ 6779Y_{3800} + 22213Y_{3801} + 15811Y_{3802} \tag{1269}$$

$$+ 16649Y_{3803} + 6787Y_{3804} + 23043Y_{3805} \tag{1270}$$

$$+ 17029Y_{3806} + 10245Y_{3807} + 11516Y_{3808} \tag{1271}$$

$$+ 24831Y_{3809} + 16985Y_{3810} + 22560Y_{3811} \tag{1272}$$

$$+ 12849Y_{3812} + 18811Y_{3813} + 15293Y_{3814} \tag{1273}$$

$$+ 23532Y_{3815} + 16557Y_{3816} + 25156Y_{3817} \tag{1274}$$

$$+ 19555Y_{3818} + 16627Y_{3819} + 12815Y_{3820} \tag{1275}$$

$$+ 19182Y_{3821} + 10966Y_{3822} + 22150Y_{3823} \tag{1276}$$

$$+ 9017Y_{3824} + 9730Y_{3825} + 11955Y_{3826} \tag{1277}$$

$$+ 10518Y_{3827} + 7256Y_{3828} + 18886Y_{3829} \tag{1278}$$

$$+ 24379Y_{3830} + 13463Y_{3831} + 17872Y_{3832} \tag{1279}$$

$$+ 18542Y_{3833} + 22917Y_{3834} + 24012Y_{3835} \tag{1280}$$

$$+ 9029Y_{3836} + 21393Y_{3837} + 19642Y_{3838} \tag{1281}$$

$$+ 23457Y_{3839} + 8424Y_{3840} + 21792Y_{3841} \tag{1282}$$

$$+ 20394Y_{3842} + 9766Y_{3843} + 8793Y_{3844} \tag{1283}$$

$$+ 22911Y_{3845} + 21332Y_{3846} + 20022Y_{3847} \tag{1284}$$

$$+ 17820Y_{3848} + 22934Y_{3849} + 15091Y_{3850} \tag{1285}$$

$$+ 11648Y_{3851} + 22743Y_{3852} + 15761Y_{3853} \tag{1286}$$

$$+ 9522Y_{3854} + 11931Y_{3855} + 7865Y_{3856} \tag{1287}$$

$$+ 23128Y_{3857} + 19836Y_{3858} + 20503Y_{3859} \tag{1288}$$

$$+ 6981Y_{3860} + 17515Y_{3861} + 10365Y_{3862} \tag{1289}$$

$$+ 14633Y_{3863} + 11948Y_{3864} + 7012Y_{3865} \tag{1290}$$

$$+ 24984Y_{3866} + 17060Y_{3867} + 14444Y_{3868} \tag{1291}$$

$$+ 22811Y_{3869} + 9196Y_{3870} + 11677Y_{3871} \tag{1292}$$

$$+ 21164Y_{3872} + 19434Y_{3873} + 13693Y_{3874} \tag{1293}$$

$$+ 13907Y_{3875} + 15183Y_{3876} + 17338Y_{3877} \tag{1294}$$

$$+ 9903Y_{3878} + 11654Y_{3879} + 11192Y_{3880} \tag{1295}$$

$$+ 24189Y_{3881} + 19342Y_{3882} + 11186Y_{3883} \tag{1296}$$

$$+ 20218Y_{3884} + 10416Y_{3885} + 16826Y_{3886} \tag{1297}$$

$$+ 9897Y_{3887} + 9893Y_{3888} + 23767Y_{3889} \tag{1298}$$

$$+ 23847Y_{3890} + 14751Y_{3891} + 8227Y_{3892} \tag{1299}$$

$$+ 8889Y_{3893} + 21217Y_{3894} + 6861Y_{3895} \tag{1300}$$

$$+ 19127Y_{3896} + 19349Y_{3897} + 23113Y_{3898} \tag{1301}$$

$$+ 20017Y_{3899} + 9412Y_{3900} + 24471Y_{3901} \tag{1302}$$

$$+ 22221Y_{3902} + 14307Y_{3903} + 8660Y_{3904} \tag{1303}$$

$$+ 8964Y_{3905} + 19220Y_{3906} + 14064Y_{3907} \tag{1304}$$

$$+ 23021Y_{3908} + 16212Y_{3909} + 9431Y_{3910} \tag{1305}$$

$$+ 19210Y_{3911} + 18836Y_{3912} + 6803Y_{3913} \tag{1306}$$

$$+ 16164Y_{3914} + 21514Y_{3915} + 14344Y_{3916} \tag{1307}$$

$$+ 10699Y_{3917} + 13197Y_{3918} + 17492Y_{3919} \tag{1308}$$

$$+ 7572Y_{3920} + 10695Y_{3921} + 19929Y_{3922} \tag{1309}$$

$$+ 18843Y_{3923} + 15844Y_{3924} + 17898Y_{3925} \tag{1310}$$

$$+ 16515Y_{3926} + 6728Y_{3927} + 12336Y_{3928} \tag{1311}$$

$$+ 15831Y_{3929} + 10611Y_{3930} + 15265Y_{3931} \tag{1312}$$

$$+ 7259Y_{3932} + 15292Y_{3933} + 9028Y_{3934} \tag{1313}$$

$$+ 21011Y_{3935} + 19295Y_{3936} + 15066Y_{3937} \tag{1314}$$

$$+ 18498Y_{3938} + 22267Y_{3939} + 18508Y_{3940} \tag{1315}$$

$$+ 8775Y_{3941} + 13253Y_{3942} + 24048Y_{3943} \tag{1316}$$

$$+ 20293Y_{3944} + 16948Y_{3945} + 10617Y_{3946} \tag{1317}$$

$$+ 13064Y_{3947} + 13956Y_{3948} + 20917Y_{3949} \tag{1318}$$

$$+ 16272Y_{3950} + 15313Y_{3951} + 25031Y_{3952} \tag{1319}$$

$$+ 12359Y_{3953} + 9217Y_{3954} + 13737Y_{3955} \tag{1320}$$

$$+ 11492Y_{3956} + 19857Y_{3957} + 10743Y_{3958} \tag{1321}$$

$$+ 8019Y_{3959} + 22011Y_{3960} + 23041Y_{3961} \tag{1322}$$

$$+ 11849Y_{3962} + 13410Y_{3963} + 23359Y_{3964} \tag{1323}$$

$$+ 15206Y_{3965} + 12957Y_{3966} + 24589Y_{3967} \tag{1324}$$

$$+ 11439Y_{3968} + 20812Y_{3969} + 16441Y_{3970} \tag{1325}$$

$$+ 24975Y_{3971} + 13916Y_{3972} + 13376Y_{3973} \tag{1326}$$

$$+ 8821Y_{3974} + 6911Y_{3975} + 6662Y_{3976} \tag{1327}$$

$$+ 11410Y_{3977} + 23761Y_{3978} + 11353Y_{3979} \tag{1328}$$

$$+ 15691Y_{3980} + 20145Y_{3981} + 12920Y_{3982} \tag{1329}$$

$$+ 17498Y_{3983} + 8884Y_{3984} + 13144Y_{3985} \tag{1330}$$

$$+ 17966Y_{3986} + 11866Y_{3987} + 10418Y_{3988} \tag{1331}$$

$$+ 22334Y_{3989} + 25352Y_{3990} + 6634Y_{3991} \tag{1332}$$

$$+ 19363Y_{3992} + 7752Y_{3993} + 19790Y_{3994} \tag{1333}$$

$$+ 10754Y_{3995} + 18662Y_{3996} + 14378Y_{3997} \tag{1334}$$

$$+ 7758Y_{3998} + 22004Y_{3999} + 21084Y_{4000} \tag{1335}$$

$$+ 17471Y_{4001} + 10237Y_{4002} + 14532Y_{4003} \tag{1336}$$

$$+ 19585Y_{4004} + 11656Y_{4005} + 23013Y_{4006} \tag{1337}$$

$$+ 24439Y_{4007} + 18168Y_{4008} + 22196Y_{4009} \tag{1338}$$

$$+ 15387Y_{4010} + 20431Y_{4011} + 16990Y_{4012} \tag{1339}$$

$$+ 10268Y_{4013} + 25175Y_{4014} + 13586Y_{4015} \tag{1340}$$

$$+ 18407Y_{4016} + 25153Y_{4017} + 22544Y_{4018} \tag{1341}$$

$$+ 18840Y_{4019} + 10487Y_{4020} + 20458Y_{4021} \tag{1342}$$

$$+ 21253Y_{4022} + 12818Y_{4023} + 15396Y_{4024} \tag{1343}$$

$$+ 24523Y_{4025} + 17406Y_{4026} + 21824Y_{4027} \tag{1344}$$

$$+ 20786Y_{4028} + 13822Y_{4029} + 12484Y_{4030} \tag{1345}$$

$$+ 6475Y_{4031} + 14154Y_{4032} + 18522Y_{4033} \tag{1346}$$

$$+ 17774Y_{4034} + 21471Y_{4035} + 13247Y_{4036} \tag{1347}$$

$$+ 24382Y_{4037} + 7243Y_{4038} + 17823Y_{4039} \tag{1348}$$

$$+ 16710Y_{4040} + 15540Y_{4041} + 15312Y_{4042} \tag{1349}$$

$$+ 16912Y_{4043} + 10642Y_{4044} + 17816Y_{4045} \tag{1350}$$

$$+ 14199Y_{4046} + 14636Y_{4047} + 19384Y_{4048} \tag{1351}$$

$$+ 13435Y_{4049} + 12164Y_{4050} + 20901Y_{4051} \tag{1352}$$

$$+ 9076Y_{4052} + 23220Y_{4053} + 18953Y_{4054} \tag{1353}$$

$$+ 6604Y_{4055} + 18568Y_{4056} + 18952Y_{4057} \tag{1354}$$

$$+ 17727Y_{4058} + 10881Y_{4059} + 18081Y_{4060} \tag{1355}$$

$$+ 6901Y_{4061} + 8510Y_{4062} + 7017Y_{4063} \tag{1356}$$

$$+ 14679Y_{4064} + 12572Y_{4065} + 16393Y_{4066} \tag{1357}$$

$$+ 7010Y_{4067} + 8058Y_{4068} + 17348Y_{4069} \tag{1358}$$

$$+ 18607Y_{4070} + 14927Y_{4071} + 8264Y_{4072} \tag{1359}$$

$$+ 15145Y_{4073} + 16069Y_{4074} + 21181Y_{4075} \tag{1360}$$

$$+ 10814Y_{4076} + 9697Y_{4077} + 20089Y_{4078} \tag{1361}$$

$$+ 6513Y_{4079} + 17056Y_{4080} + 20215Y_{4081} \tag{1362}$$

$$+ 6665Y_{4082} + 6654Y_{4083} + 11735Y_{4084} \tag{1363}$$

$$+ 14352Y_{4085} + 15698Y_{4086} + 17644Y_{4087} \tag{1364}$$

$$+ 20274Y_{4088} + 13618Y_{4089} + 20182Y_{4090} \tag{1365}$$

$$+ 9106Y_{4091} + 19147Y_{4092} + 7325Y_{4093} \tag{1366}$$

$$+ 9630Y_{4094} + 13995Y_{4095} + 10095Y_{4096} \tag{1367}$$

$$+ 11143Y_{4097} + 17170Y_{4098} + 16413Y_{4099} \tag{1368}$$

$$+ 8659Y_{4100} + 22662Y_{4101} + 9788Y_{4102} \tag{1369}$$

$$+ 22584Y_{4103} + 11531Y_{4104} + 16647Y_{4105} \tag{1370}$$

$$+ 14976Y_{4106} + 18143Y_{4107} + 12420Y_{4108} \tag{1371}$$

$$+ 22566Y_{4109} + 7448Y_{4110} + 16642Y_{4111} \tag{1372}$$

$$+ 24836Y_{4112} + 17037Y_{4113} + 7558Y_{4114} \tag{1373}$$

$$+ 20691Y_{4115} + 16543Y_{4116} + 12465Y_{4117} \tag{1374}$$

$$+ 23304Y_{4118} + 10272Y_{4119} + 17387Y_{4120} \tag{1375}$$

$$+ 10634Y_{4121} + 15000Y_{4122} + 14990Y_{4123} \tag{1376}$$

$$+ 9838Y_{4124} + 6497Y_{4125} + 20424Y_{4126} \tag{1377}$$

$$+ 15732Y_{4127} + 22941Y_{4128} + 12334Y_{4129} \tag{1378}$$

$$+ 9501Y_{4130} + 20775Y_{4131} + 11593Y_{4132} \tag{1379}$$

$$+ 9714Y_{4133} + 13463Y_{4134} + 16198Y_{4135} \tag{1380}$$

$$+ 18744Y_{4136} + 16244Y_{4137} + 20351Y_{4138} \tag{1381}$$

$$+ 6532Y_{4139} + 7895Y_{4140} + 22704Y_{4141} \tag{1382}$$

$$+ 9201Y_{4142} + 20986Y_{4143} + 8388Y_{4144} \tag{1383}$$

$$+ 16690Y_{4145} + 20899Y_{4146} + 13064Y_{4147} \tag{1384}$$

$$+ 12383Y_{4148} + 17127Y_{4149} + 15987Y_{4150} \tag{1385}$$

$$+ 18566Y_{4151} + 9965Y_{4152} + 9597Y_{4153} \tag{1386}$$

$$+ 10113Y_{4154} + 15974Y_{4155} + 10344Y_{4156} \tag{1387}$$

$$+ 20882Y_{4157} + 15598Y_{4158} + 9221Y_{4159} \tag{1388}$$

$$+ 16425Y_{4160} + 9212Y_{4161} + 13430Y_{4162} \tag{1389}$$

$$+ 18306Y_{4163} + 7443Y_{4164} + 25433Y_{4165} \tag{1390}$$

$$+ 23372Y_{4166} + 20327Y_{4167} + 8057Y_{4168} \tag{1391}$$

$$+ 19301Y_{4169} + 19891Y_{4170} + 7023Y_{4171} \tag{1392}$$

$$+ 8525Y_{4172} + 9923Y_{4173} + 23704Y_{4174} \tag{1393}$$

$$+ 7812Y_{4175} + 14764Y_{4176} + 20228Y_{4177} \tag{1394}$$

$$+ 22828Y_{4178} + 23831Y_{4179} + 8939Y_{4180} \tag{1395}$$

$$+ 9100Y_{4181} + 14949Y_{4182} + 16493Y_{4183} \tag{1396}$$

$$+ 17577Y_{4184} + 13140Y_{4185} + 19085Y_{4186} \tag{1397}$$

$$+ 19117Y_{4187} + 18913Y_{4188} + 22350Y_{4189} \tag{1398}$$

$$+ 7782Y_{4190} + 13081Y_{4191} + 17111Y_{4192} \tag{1399}$$

$$+ 20642Y_{4193} + 8899Y_{4194} + 17627Y_{4195} \tag{1400}$$

$$+ 11756Y_{4196} + 12203Y_{4197} + 25137Y_{4198} \tag{1401}$$

$$+ 24281Y_{4199} + 22631Y_{4200} + 9790Y_{4201} \tag{1402}$$

$$+ 18813Y_{4202} + 7687Y_{4203} + 18813Y_{4204} \tag{1403}$$

$$+ 14516Y_{4205} + 7689Y_{4206} + 24453Y_{4207} \tag{1404}$$

$$+ 22672Y_{4208} + 22204Y_{4209} + 24289Y_{4210} \tag{1405}$$

$$+ 17723Y_{4211} + 12787Y_{4212} + 12846Y_{4213} \tag{1406}$$

$$+ 21751Y_{4214} + 9018Y_{4215} + 11326Y_{4216} \tag{1407}$$

$$+ 19927Y_{4217} + 24778Y_{4218} + 8711Y_{4219} \tag{1408}$$

$$+ 24779Y_{4220} + 16196Y_{4221} + 12817Y_{4222} \tag{1409}$$

$$+ 14322Y_{4223} + 7473Y_{4224} + 25165Y_{4225} \tag{1410}$$

$$+ 10631Y_{4226} + 11543Y_{4227} + 14233Y_{4228} \tag{1411}$$

$$+ 16946Y_{4229} + 8355Y_{4230} + 13783Y_{4231} \tag{1412}$$

$$+ 24495Y_{4232} + 25452Y_{4233} + 17772Y_{4234} \tag{1413}$$

$$+ 13998Y_{4235} + 22900Y_{4236} + 22476Y_{4237} \tag{1414}$$

$$+ 17149Y_{4238} + 24484Y_{4239} + 10123Y_{4240} \tag{1415}$$

$$+ 20279Y_{4241} + 12024Y_{4242} + 24961Y_{4243} \tag{1416}$$

$$+ 21652Y_{4244} + 6980Y_{4245} + 7415Y_{4246} \tag{1417}$$

$$+ 11902Y_{4247} + 24562Y_{4248} + 16384Y_{4249} \tag{1418}$$

$$+ 21163Y_{4250} + 20905Y_{4251} + 19003Y_{4252} \tag{1419}$$

$$+ 10869Y_{4253} + 11110Y_{4254} + 12579Y_{4255} \tag{1420}$$

$$+ 19873Y_{4256} + 15227Y_{4257} + 8181Y_{4258} \tag{1421}$$

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$$+ 8942Y_{4262} + 15586Y_{4263} + 8185Y_{4264} \tag{1423}$$

$$+ 9582Y_{4265} + 21555Y_{4266} + 17583Y_{4267} \tag{1424}$$

$$+ 23847Y_{4268} + 23113Y_{4269} + 22844Y_{4270} \tag{1425}$$

$$+ 11777Y_{4271} + 21511Y_{4272} + 8938Y_{4273} \tag{1426}$$

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$$+ 6697Y_{4277} + 10443Y_{4278} + 18649Y_{4279} \tag{1428}$$

$$+ 20131Y_{4280} + 6883Y_{4281} + 21951Y_{4282} \tag{1429}$$

$$+ 6892Y_{4283} + 8906Y_{4284} + 15862Y_{4285} \tag{1430}$$

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$$+ 8886Y_{4298} + 20819Y_{4299} + 11519Y_{4300} \tag{1435}$$

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$$+ 19454Y_{4304} + 24472Y_{4305} + 24836Y_{4306} \tag{1437}$$

$$+ 10685Y_{4307} + 8673Y_{4308} + 11169Y_{4309} \tag{1438}$$

$$+ 10259Y_{4310} + 7545Y_{4311} + 18725Y_{4312} \tag{1439}$$

$$+ 7174Y_{4313} + 8669Y_{4314} + 6976Y_{4315} \tag{1440}$$

$$+ 21525Y_{4316} + 16669Y_{4317} + 22557Y_{4318} \tag{1441}$$

$$+ 25188Y_{4319} + 19049Y_{4320} + 13228Y_{4321} \tag{1442}$$

$$+ 14121Y_{4322} + 11486Y_{4323} + 17672Y_{4324} \tag{1443}$$

$$+ 23517Y_{4325} + 17898Y_{4326} + 6622Y_{4327} \tag{1444}$$

$$+ 9475Y_{4328} + 12330Y_{4329} + 20048Y_{4330} \tag{1445}$$

$$+ 22293Y_{4331} + 12510Y_{4332} + 17400Y_{4333} \tag{1446}$$

$$+ 21384Y_{4334} + 22517Y_{4335} + 17397Y_{4336} \tag{1447}$$

$$+ 13792Y_{4337} + 7464Y_{4338} + 17842Y_{4339} \tag{1448}$$

$$+ 24621Y_{4340} + 14619Y_{4341} + 19637Y_{4342} \tag{1449}$$

$$+ 12514Y_{4343} + 11044Y_{4344} + 20956Y_{4345} \tag{1450}$$

$$+ 16465Y_{4346} + 20727Y_{4347} + 15529Y_{4348} \tag{1451}$$

$$+ 19635Y_{4349} + 20363Y_{4350} + 10122Y_{4351} \tag{1452}$$

$$+ 13498Y_{4352} + 8093Y_{4353} + 10647Y_{4354} \tag{1453}$$

$$+ 17313Y_{4355} + 20360Y_{4356} + 9141Y_{4357} \tag{1454}$$

$$+ 19078Y_{4358} + 11923Y_{4359} + 7776Y_{4360} \tag{1455}$$

$$+ 20911Y_{4361} + 11810Y_{4362} + 16403Y_{4363} \tag{1456}$$

$$+ 9557Y_{4364} + 9596Y_{4365} + 20527Y_{4366} \tag{1457}$$

$$+ 6954Y_{4367} + 11059Y_{4368} + 12562Y_{4369} \tag{1458}$$

$$+ 16796Y_{4370} + 21148Y_{4371} + 24147Y_{4372} \tag{1459}$$

$$+ 12101Y_{4373} + 11878Y_{4374} + 17977Y_{4375} \tag{1460}$$

$$+ 6911Y_{4376} + 21552Y_{4377} + 20161Y_{4378} \tag{1461}$$

$$+ 19143Y_{4379} + 15673Y_{4380} + 6692Y_{4381} \tag{1462}$$

$$+ 22322Y_{4382} + 22852Y_{4383} + 8613Y_{4384} \tag{1463}$$

$$+ 13092Y_{4385} + 6680Y_{4386} + 13362Y_{4387} \tag{1464}$$

$$+ 21972Y_{4388} + 23078Y_{4389} + 13143Y_{4390} \tag{1465}$$

$$+ 23380Y_{4391} + 9658Y_{4392} + 13991Y_{4393} \tag{1466}$$

$$+ 23089Y_{4394} + 14369Y_{4395} + 18365Y_{4396} \tag{1467}$$

$$+ 11746Y_{4397} + 13629Y_{4398} + 8659Y_{4399} \tag{1468}$$

$$+ 18126Y_{4400} + 18154Y_{4401} + 21367Y_{4402} \tag{1469}$$

$$+ 20700Y_{4403} + 19940Y_{4404} + 21746Y_{4405} \tag{1470}$$

$$+ 6825Y_{4406} + 19679Y_{4407} + 21524Y_{4408} \tag{1471}$$

$$+ 6450Y_{4409} + 24799Y_{4410} + 19151Y_{4411} \tag{1472}$$

$$+ 10896Y_{4412} + 20426Y_{4413} + 10961Y_{4414} \tag{1473}$$

$$+ 13889Y_{4415} + 21709Y_{4416} + 23249Y_{4417} \tag{1474}$$

$$+ 19919Y_{4418} + 19555Y_{4419} + 23511Y_{4420} \tag{1475}$$

$$+ 8714Y_{4421} + 18242Y_{4422} + 24038Y_{4423} \tag{1476}$$

$$+ 18763Y_{4424} + 10546Y_{4425} + 18523Y_{4426} \tag{1477}$$

$$+ 15263Y_{4427} + 23274Y_{4428} + 19490Y_{4429} \tag{1478}$$

$$+ 21791Y_{4430} + 12004Y_{4431} + 7667Y_{4432} \tag{1479}$$

$$+ 16903Y_{4433} + 20961Y_{4434} + 21472Y_{4435} \tag{1480}$$

$$+ 15068Y_{4436} + 20018Y_{4437} + 12746Y_{4438} \tag{1481}$$

$$+ 24721Y_{4439} + 15063Y_{4440} + 17775Y_{4441} \tag{1482}$$

$$+ 22231Y_{4442} + 20984Y_{4443} + 8390Y_{4444} \tag{1483}$$

$$+ 24497Y_{4445} + 18508Y_{4446} + 22248Y_{4447} \tag{1484}$$

$$+ 13284Y_{4448} + 15624Y_{4449} + 20903Y_{4450} \tag{1485}$$

$$+ 25028Y_{4451} + 16393Y_{4452} + 24944Y_{4453} \tag{1486}$$

$$+ 20053Y_{4454} + 21128Y_{4455} + 16770Y_{4456} \tag{1487}$$

$$+ 17298Y_{4457} + 8339Y_{4458} + 21115Y_{4459} \tag{1488}$$

$$+ 12580Y_{4460} + 7652Y_{4461} + 24982Y_{4462} \tag{1489}$$

$$+ 20538Y_{4463} + 18967Y_{4464} + 21874Y_{4465} \tag{1490}$$

$$+ 11062Y_{4466} + 17341Y_{4467} + 11071Y_{4468} \tag{1491}$$

$$+ 21686Y_{4469} + 10325Y_{4470} + 6984Y_{4471} \tag{1492}$$

$$+ 15926Y_{4472} + 12552Y_{4473} + 10858Y_{4474} \tag{1493}$$

$$+ 7813Y_{4475} + 18309Y_{4476} + 9184Y_{4477} \tag{1494}$$

$$+ 20600Y_{4478} + 6925Y_{4479} + 24168Y_{4480} \tag{1495}$$

$$+ 16442Y_{4481} + 21192Y_{4482} + 11179Y_{4483} \tag{1496}$$

$$+ 13144Y_{4484} + 13668Y_{4485} + 24644Y_{4486} \tag{1497}$$

$$+ 6902Y_{4487} + 13708Y_{4488} + 13637Y_{4489} \tag{1498}$$

$$+ 11865Y_{4490} + 18924Y_{4491} + 20268Y_{4492} \tag{1499}$$

$$+ 9298Y_{4493} + 9194Y_{4494} + 11833Y_{4495} \tag{1500}$$

$$+ 7750Y_{4496} + 13094Y_{4497} + 15661Y_{4498} \tag{1501}$$

$$+ 11538Y_{4499} + 18144Y_{4500} + 9792Y_{4501} \tag{1502}$$

$$+ 21744Y_{4502} + 7539Y_{4503} + 8659Y_{4504} \tag{1503}$$

$$+ 19718Y_{4505} + 25573Y_{4506} + 25562Y_{4507} \tag{1504}$$

$$+ 24815Y_{4508} + 14975Y_{4509} + 7720Y_{4510} \tag{1505}$$

$$+ 23295Y_{4511} + 13167Y_{4512} + 6829Y_{4513} \tag{1506}$$

$$+ 19959Y_{4514} + 6416Y_{4515} + 14561Y_{4516} \tag{1507}$$

$$+ 18128Y_{4517} + 22611Y_{4518} + 20459Y_{4519} \tag{1508}$$

$$+ 6456Y_{4520} + 6412Y_{4521} + 23237Y_{4522} \tag{1509}$$

$$+ 9507Y_{4523} + 10671Y_{4524} + 22248Y_{4525} \tag{1510}$$

$$+ 17857Y_{4526} + 21835Y_{4527} + 13739Y_{4528} \tag{1511}$$

$$+ 24549Y_{4529} + 16715Y_{4530} + 11467Y_{4531} \tag{1512}$$

$$+ 20960Y_{4532} + 13776Y_{4533} + 12522Y_{4534} \tag{1513}$$

$$+ 22675Y_{4535} + 15741Y_{4536} + 25450Y_{4537} \tag{1514}$$

$$+ 22227Y_{4538} + 22706Y_{4539} + 20756Y_{4540} \tag{1515}$$

$$+ 24935Y_{4541} + 15691Y_{4542} + 15770Y_{4543} \tag{1516}$$

$$+ 18037Y_{4544} + 20225Y_{4545} + 25016Y_{4546} \tag{1517}$$

$$+ 23685Y_{4547} + 15965Y_{4548} + 11780Y_{4549} \tag{1518}$$

$$+ 15235Y_{4550} + 8085Y_{4551} + 11106Y_{4552} \tag{1519}$$

$$+ 20537Y_{4553} + 19845Y_{4554} + 19007Y_{4555} \tag{1520}$$

$$+ 9191Y_{4556} + 25315Y_{4557} + 21562Y_{4558} \tag{1521}$$

$$+ 12941Y_{4559} + 22312Y_{4560} + 7381Y_{4561} \tag{1522}$$

$$+ 8071Y_{4562} + 18986Y_{4563} + 9567Y_{4564} \tag{1523}$$

$$+ 15579Y_{4565} + 24592Y_{4566} + 11069Y_{4567} \tag{1524}$$

$$+ 13327Y_{4568} + 20917Y_{4569} + 9156Y_{4570} \tag{1525}$$

$$+ 13338Y_{4571} + 20577Y_{4572} + 13654Y_{4573} \tag{1526}$$

$$+ 19098Y_{4574} + 14039Y_{4575} + 13669Y_{4576} \tag{1527}$$

$$+ 7785Y_{4577} + 15913Y_{4578} + 6671Y_{4579} \tag{1528}$$

$$+ 11856Y_{4580} + 13610Y_{4581} + 21980Y_{4582} \tag{1529}$$

$$+ 17121Y_{4583} + 6901Y_{4584} + 8159Y_{4585} \tag{1530}$$

$$+ 8224Y_{4586} + 22866Y_{4587} + 9880Y_{4588} \tag{1531}$$

$$+ 25148Y_{4589} + 19821Y_{4590} + 17097Y_{4591} \tag{1532}$$

$$+ 18377Y_{4592} + 20625Y_{4593} + 8142Y_{4594} \tag{1533}$$

$$+ 12201Y_{4595} + 13100Y_{4596} + 11744Y_{4597} \tag{1534}$$

$$+ 11141Y_{4598} + 10769Y_{4599} + 11305Y_{4600} \tag{1535}$$

$$+ 16196Y_{4601} + 21545Y_{4602} + 13587Y_{4603} \tag{1536}$$

$$+ 22561Y_{4604} + 10258Y_{4605} + 8482Y_{4606} \tag{1537}$$

$$+ 12465Y_{4607} + 19910Y_{4608} + 24443Y_{4609} \tag{1538}$$

$$+ 19170Y_{4610} + 17901Y_{4611} + 22543Y_{4612} \tag{1539}$$

$$+ 15452Y_{4613} + 22178Y_{4614} + 21060Y_{4615} \tag{1540}$$

$$+ 18231Y_{4616} + 21252Y_{4617} + 23515Y_{4618} \tag{1541}$$

$$+ 23073Y_{4619} + 24524Y_{4620} + 17791Y_{4621} \tag{1542}$$

$$+ 16749Y_{4622} + 24791Y_{4623} + 18544Y_{4624} \tag{1543}$$

$$+ 10543Y_{4625} + 15287Y_{4626} + 8754Y_{4627} \tag{1544}$$

$$+ 13782Y_{4628} + 20002Y_{4629} + 20399Y_{4630} \tag{1545}$$

$$+ 9541Y_{4631} + 19649Y_{4632} + 16276Y_{4633} \tag{1546}$$

$$+ 10159Y_{4634} + 15063Y_{4635} + 10660Y_{4636} \tag{1547}$$

$$+ 20984Y_{4637} + 23960Y_{4638} + 9066Y_{4639} \tag{1548}$$

$$+ 17291Y_{4640} + 9306Y_{4641} + 15756Y_{4642} \tag{1549}$$

$$+ 16913Y_{4643} + 21810Y_{4644} + 7040Y_{4645} \tag{1550}$$

$$+ 9747Y_{4646} + 16681Y_{4647} + 24116Y_{4648} \tag{1551}$$

$$+ 22020Y_{4649} + 19842Y_{4650} + 25013Y_{4651} \tag{1552}$$

$$+ 8842Y_{4652} + 8348Y_{4653} + 23662Y_{4654} \tag{1553}$$

$$+ 17140Y_{4655} + 16797Y_{4656} + 14690Y_{4657} \tag{1554}$$

$$+ 13425Y_{4658} + 21919Y_{4659} + 8518Y_{4660} \tag{1555}$$

$$+ 20297Y_{4661} + 21699Y_{4662} + 16045Y_{4663} \tag{1556}$$

$$+ 10827Y_{4664} + 19440Y_{4665} + 14857Y_{4666} \tag{1557}$$

$$+ 17278Y_{4667} + 14586Y_{4668} + 17559Y_{4669} \tag{1558}$$

$$+ 21665Y_{4670} + 20556Y_{4671} + 14400Y_{4672} \tag{1559}$$

$$+ 8635Y_{4673} + 15680Y_{4674} + 21563Y_{4675} \tag{1560}$$

$$+ 7807Y_{4676} + 22075Y_{4677} + 22842Y_{4678} \tag{1561}$$

$$+ 7145Y_{4679} + 21186Y_{4680} + 9675Y_{4681} \tag{1562}$$

$$+ 12232Y_{4682} + 9674Y_{4683} + 15108Y_{4684} \tag{1563}$$

$$+ 18329Y_{4685} + 12866Y_{4686} + 23373Y_{4687} \tag{1564}$$

$$+ 15628Y_{4688} + 23774Y_{4689} + 18915Y_{4690} \tag{1565}$$

$$+ 7315Y_{4691} + 24909Y_{4692} + 15626Y_{4693} \tag{1566}$$

$$+ 11761Y_{4694} + 11131Y_{4695} + 19801Y_{4696} \tag{1567}$$

$$+ 12199Y_{4697} + 23098Y_{4698} + 13039Y_{4699} \tag{1568}$$

$$+ 24097Y_{4700} + 9791Y_{4701} + 21773Y_{4702} \tag{1569}$$

$$+ 16651Y_{4703} + 17707Y_{4704} + 17651Y_{4705} \tag{1570}$$

$$+ 19214Y_{4706} + 17047Y_{4707} + 20706Y_{4708} \tag{1571}$$

$$+ 12840Y_{4709} + 13175Y_{4710} + 12081Y_{4711} \tag{1572}$$

$$+ 10728Y_{4712} + 16616Y_{4713} + 25544Y_{4714} \tag{1573}$$

$$+ 8999Y_{4715} + 21494Y_{4716} + 12312Y_{4717} \tag{1574}$$

$$+ 7940Y_{4718} + 7221Y_{4719} + 13190Y_{4720} \tag{1575}$$

$$+ 13451Y_{4721} + 23623Y_{4722} + 24416Y_{4723} \tag{1576}$$

$$+ 22946Y_{4724} + 7626Y_{4725} + 12703Y_{4726} \tag{1577}$$

$$+ 14290Y_{4727} + 8386Y_{4728} + 14146Y_{4729} \tag{1578}$$

$$+ 10987Y_{4730} + 9041Y_{4731} + 14151Y_{4732} \tag{1579}$$

$$+ 10611Y_{4733} + 19279Y_{4734} + 22748Y_{4735} \tag{1580}$$

$$+ 16369Y_{4736} + 19995Y_{4737} + 8015Y_{4738} \tag{1581}$$

$$+ 8516Y_{4739} + 10597Y_{4740} + 20727Y_{4741} \tag{1582}$$

$$+ 19230Y_{4742} + 19255Y_{4743} + 11099Y_{4744} \tag{1583}$$

$$+ 13449Y_{4745} + 7933Y_{4746} + 7868Y_{4747} \tag{1584}$$

$$+ 18586Y_{4748} + 15997Y_{4749} + 25024Y_{4750} \tag{1585}$$

$$+ 18928Y_{4751} + 20882Y_{4752} + 15604Y_{4753} \tag{1586}$$

$$+ 23126Y_{4754} + 16799Y_{4755} + 20085Y_{4756} \tag{1587}$$

$$+ 16029Y_{4757} + 18057Y_{4758} + 10359Y_{4759} \tag{1588}$$

$$+ 11461Y_{4760} + 25395Y_{4761} + 11662Y_{4762} \tag{1589}$$

$$+ 7345Y_{4763} + 8060Y_{4764} + 15187Y_{4765} \tag{1590}$$

$$+ 13008Y_{4766} + 17241Y_{4767} + 22056Y_{4768} \tag{1591}$$

$$+ 7832Y_{4769} + 24547Y_{4770} + 22806Y_{4771} \tag{1592}$$

$$+ 18308Y_{4772} + 13001Y_{4773} + 8649Y_{4774} \tag{1593}$$

$$+ 12666Y_{4775} + 18330Y_{4776} + 16819Y_{4777} \tag{1594}$$

$$+ 14924Y_{4778} + 23376Y_{4779} + 15665Y_{4780} \tag{1595}$$

$$+ 17066Y_{4781} + 20831Y_{4782} + 11422Y_{4783} \tag{1596}$$

$$+ 8256Y_{4784} + 20272Y_{4785} + 6660Y_{4786} \tag{1597}$$

$$+ 14782Y_{4787} + 20266Y_{4788} + 8156Y_{4789} \tag{1598}$$

$$+ 16886Y_{4790} + 9645Y_{4791} + 14742Y_{4792} \tag{1599}$$

$$+ 22866Y_{4793} + 21996Y_{4794} + 14761Y_{4795} \tag{1600}$$

$$+ 20174Y_{4796} + 13098Y_{4797} + 13327Y_{4798} \tag{1601}$$

$$+ 17504Y_{4799} + 16189Y_{4800} + 7685Y_{4801} \tag{1602}$$

$$+ 6803Y_{4802} + 20479Y_{4803} + 10270Y_{4804} \tag{1603}$$

$$+ 8469Y_{4805} + 18838Y_{4806} + 18783Y_{4807} \tag{1604}$$

$$+ 23030Y_{4808} + 13208Y_{4809} + 19680Y_{4810} \tag{1605}$$

$$+ 21297Y_{4811} + 7190Y_{4812} + 15020Y_{4813} \tag{1606}$$

$$+ 15845Y_{4814} + 13864Y_{4815} + 21277Y_{4816} \tag{1607}$$

$$+ 17875Y_{4817} + 16980Y_{4818} + 8466Y_{4819} \tag{1608}$$

$$+ 25277Y_{4820} + 23292Y_{4821} + 15379Y_{4822} \tag{1609}$$

$$+ 8481Y_{4823} + 15829Y_{4824} + 17902Y_{4825} \tag{1610}$$

$$+ 15002Y_{4826} + 17410Y_{4827} + 23630Y_{4828} \tag{1611}$$

$$+ 21812Y_{4829} + 19287Y_{4830} + 15779Y_{4831} \tag{1612}$$

$$+ 18526Y_{4832} + 14208Y_{4833} + 10162Y_{4834} \tag{1613}$$

$$+ 9394Y_{4835} + 21018Y_{4836} + 19495Y_{4837} \tag{1614}$$

$$+ 16267Y_{4838} + 20000Y_{4839} + 16256Y_{4840} \tag{1615}$$

$$+ 6764Y_{4841} + 24479Y_{4842} + 12363Y_{4843} \tag{1616}$$

$$+ 16239Y_{4844} + 16909Y_{4845} + 18762Y_{4846} \tag{1617}$$

$$+ 7643Y_{4847} + 15034Y_{4848} + 19991Y_{4849} \tag{1618}$$

$$+ 16912Y_{4850} + 11945Y_{4851} + 20282Y_{4852} \tag{1619}$$

$$+ 18265Y_{4853} + 9965Y_{4854} + 13429Y_{4855} \tag{1620}$$

$$+ 21881Y_{4856} + 19410Y_{4857} + 10574Y_{4858} \tag{1621}$$

$$+ 12150Y_{4859} + 23651Y_{4860} + 23933Y_{4861} \tag{1622}$$

$$+ 22388Y_{4862} + 9298Y_{4863} + 15180Y_{4864} \tag{1623}$$

$$+ 22800Y_{4865} + 15932Y_{4866} + 14802Y_{4867} \tag{1624}$$

$$+ 21660Y_{4868} + 13004Y_{4869} + 14024Y_{4870} \tag{1625}$$

$$+ 13929Y_{4871} + 13916Y_{4872} + 20571Y_{4873} \tag{1626}$$

$$+ 20808Y_{4874} + 8700Y_{4875} + 18535Y_{4876} \tag{1627}$$

$$+ 22067Y_{4877} + 6561Y_{4878} + 11862Y_{4879} \tag{1628}$$

$$+ 12672Y_{4880} + 12564Y_{4881} + 18658Y_{4882} \tag{1629}$$

$$+ 17584Y_{4883} + 24200Y_{4884} + 17967Y_{4885} \tag{1630}$$

$$+ 9644Y_{4886} + 23751Y_{4887} + 19300Y_{4888} \tag{1631}$$

$$+ 18914Y_{4889} + 23392Y_{4890} + 20261Y_{4891} \tag{1632}$$

$$+ 19810Y_{4892} + 7353Y_{4893} + 14911Y_{4894} \tag{1633}$$

$$+ 14759Y_{4895} + 22881Y_{4896} + 18379Y_{4897} \tag{1634}$$

$$+ 19803Y_{4898} + 21761Y_{4899} + 14612Y_{4900} \tag{1635}$$

$$+ 10679Y_{4901} + 14587Y_{4902} + 19943Y_{4903} \tag{1636}$$

$$+ 14298Y_{4904} + 10931Y_{4905} + 20688Y_{4906} \tag{1637}$$

$$+ 19744Y_{4907} + 7924Y_{4908} + 19022Y_{4909} \tag{1638}$$

$$+ 18838Y_{4910} + 20486Y_{4911} + 12841Y_{4912} \tag{1639}$$

$$+ 16534Y_{4913} + 9376Y_{4914} + 7873Y_{4915} \tag{1640}$$

$$+ 10734Y_{4916} + 10430Y_{4917} + 13302Y_{4918} \tag{1641}$$

$$+ 19900Y_{4919} + 10408Y_{4920} + 14990Y_{4921} \tag{1642}$$

$$+ 12467Y_{4922} + 19918Y_{4923} + 11548Y_{4924} \tag{1643}$$

$$+ 6553Y_{4925} + 6553Y_{4926} + 17795Y_{4927} \tag{1644}$$

$$+ 11206Y_{4928} + 9265Y_{4929} + 19656Y_{4930} \tag{1645}$$

$$+ 14865Y_{4931} + 14152Y_{4932} + 20024Y_{4933} \tag{1646}$$

$$+ 9479Y_{4934} + 8736Y_{4935} + 23426Y_{4936} \tag{1647}$$

$$+ 22268Y_{4937} + 24608Y_{4938} + 9243Y_{4939} \tag{1648}$$

$$+ 9264Y_{4940} + 8746Y_{4941} + 23256Y_{4942} \tag{1649}$$

$$+ 12719Y_{4943} + 17832Y_{4944} + 17800Y_{4945} \tag{1650}$$

$$+ 24494Y_{4946} + 25383Y_{4947} + 12746Y_{4948} \tag{1651}$$

$$+ 9614Y_{4949} + 10132Y_{4950} + 20171Y_{4951} \tag{1652}$$

$$+ 9441Y_{4952} + 11104Y_{4953} + 12768Y_{4954} \tag{1653}$$

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$$+ 14652Y_{4958} + 8718Y_{4959} + 9035Y_{4960} \tag{1655}$$

$$+ 8812Y_{4961} + 7447Y_{4962} + 9221Y_{4963} \tag{1656}$$

$$+ 18950Y_{4964} + 7891Y_{4965} + 10943Y_{4966} \tag{1657}$$

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$$+ 14678Y_{4973} + 24882Y_{4974} + 25038Y_{4975} \tag{1660}$$

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$$+ 13371Y_{4988} + 8173Y_{4989} + 8208Y_{4990} \tag{1665}$$

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$$+ 10621Y_{4994} + 11726Y_{4995} + 12627Y_{4996} \tag{1667}$$

$$+ 18664Y_{4997} + 11438Y_{4999} + 4X_0 \tag{1668}$$

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$$+ 4X_4 + 6X_5 + 8X_6 \tag{1670}$$

$$+ 3X_7 + 8X_8 + 7X_9 \tag{1671}$$

$$+ 8X_{10} + 8X_{11} + 4X_{12} \tag{1672}$$

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$$+ 7X_{388} + 7X_{389} + 5X_{390} \tag{1798}$$

$$+ 4X_{391} + 4X_{392} + 6X_{393} \tag{1799}$$

$$+ 7X_{394} + 4X_{395} + 7X_{396} \tag{1800}$$

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$$+ 8X_{409} + 8X_{410} + 4X_{411} \tag{1805}$$

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$$+ 8X_{418} + 5X_{419} + 6X_{420} \tag{1808}$$

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$$+ 8X_{448} + 8X_{449} + 3X_{450} \tag{1818}$$

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$$+ 4X_{1252} + 7X_{1253} + 3X_{1254} \tag{2086}$$

$$+ 8X_{1255} + 7X_{1256} + 4X_{1257} \tag{2087}$$

$$+ 7X_{1258} + 3X_{1259} + 4X_{1260} \tag{2088}$$

$$+ 6X_{1261} + 4X_{1262} + 8X_{1263} \tag{2089}$$

$$+ 3X_{1264} + 6X_{1265} + 8X_{1266} \tag{2090}$$

$$+ 6X_{1267} + 5X_{1268} + 5X_{1269} \tag{2091}$$

$$+ 7X_{1270} + 8X_{1271} + 3X_{1272} \tag{2092}$$

$$+ 3X_{1273} + 4X_{1274} + 7X_{1275} \tag{2093}$$

$$+ 6X_{1276} + 5X_{1277} + 8X_{1278} \tag{2094}$$

$$+ 4X_{1279} + 4X_{1280} + 6X_{1281} \tag{2095}$$

$$+ 5X_{1282} + 6X_{1283} + 6X_{1284} \tag{2096}$$

$$+ 6X_{1285} + 6X_{1286} + 6X_{1287} \tag{2097}$$

$$+ 5X_{1288} + 8X_{1289} + 4X_{1290} \tag{2098}$$

$$+ 4X_{1291} + 7X_{1292} + 7X_{1293} \tag{2099}$$

$$+ 4X_{1294} + 7X_{1295} + 5X_{1296} \tag{2100}$$

$$+ 8X_{1297} + 4X_{1298} + 6X_{1299} \tag{2101}$$

$$+ 6X_{1300} + 7X_{1301} + 3X_{1302} \tag{2102}$$

$$+ 3X_{1303} + 8X_{1304} + 4X_{1305} \tag{2103}$$

$$+ 7X_{1306} + 4X_{1307} + 5X_{1308} \tag{2104}$$

$$+ 8X_{1309} + 8X_{1310} + 8X_{1311} \tag{2105}$$

$$+ 4X_{1312} + 3X_{1313} + 5X_{1314} \tag{2106}$$

$$+ 4X_{1315} + 6X_{1316} + 3X_{1317} \tag{2107}$$

$$+ 4X_{1318} + 3X_{1319} + 7X_{1320} \tag{2108}$$

$$+ 5X_{1321} + 8X_{1322} + 7X_{1323} \tag{2109}$$

$$+ 8X_{1324} + 7X_{1325} + 3X_{1326} \tag{2110}$$

$$+ 4X_{1327} + 3X_{1328} + 3X_{1329} \tag{2111}$$

$$+ 4X_{1330} + 3X_{1331} + 4X_{1332} \tag{2112}$$

$$+ 8X_{1333} + 8X_{1334} + 3X_{1335} \tag{2113}$$

$$+ 7X_{1336} + 8X_{1337} + 3X_{1338} \tag{2114}$$

$$+ 7X_{1339} + 4X_{1340} + 4X_{1341} \tag{2115}$$

$$+ 3X_{1342} + 3X_{1343} + 4X_{1344} \tag{2116}$$

$$+ 4X_{1345} + 7X_{1346} + 7X_{1347} \tag{2117}$$

$$+ 3X_{1348} + 8X_{1349} + 3X_{1350} \tag{2118}$$

$$+ 6X_{1351} + 8X_{1352} + 5X_{1353} \tag{2119}$$

$$+ 8X_{1354} + 5X_{1355} + 4X_{1356} \tag{2120}$$

$$+ 5X_{1357} + 7X_{1358} + 6X_{1359} \tag{2121}$$

$$+ 7X_{1360} + 6X_{1361} + 5X_{1362} \tag{2122}$$

$$+ 8X_{1363} + 5X_{1364} + 4X_{1365} \tag{2123}$$

$$+ 5X_{1366} + 5X_{1367} + 7X_{1368} \tag{2124}$$

$$+ 3X_{1369} + 3X_{1370} + 4X_{1371} \tag{2125}$$

$$+ 5X_{1372} + 4X_{1373} + 6X_{1374} \tag{2126}$$

$$+ 3X_{1375} + 7X_{1376} + 5X_{1377} \tag{2127}$$

$$+ 7X_{1378} + 7X_{1379} + 4X_{1380} \tag{2128}$$

$$+ 5X_{1381} + 6X_{1382} + 4X_{1383} \tag{2129}$$

$$+ 4X_{1384} + 4X_{1385} + 7X_{1386} \tag{2130}$$

$$+ 4X_{1387} + 5X_{1388} + 5X_{1389} \tag{2131}$$

$$+ 4X_{1390} + 5X_{1391} + 6X_{1392} \tag{2132}$$

$$+ 7X_{1393} + 5X_{1394} + 5X_{1395} \tag{2133}$$

$$+ 5X_{1396} + 6X_{1397} + 4X_{1398} \tag{2134}$$

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$$+ 5X_{1402} + 3X_{1403} + 5X_{1404} \tag{2136}$$

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$$+ 8X_{1432} + 3X_{1433} + 6X_{1434} \tag{2146}$$

$$+ 3X_{1435} + 3X_{1436} + 4X_{1437} \tag{2147}$$

$$+ 8X_{1438} + 7X_{1439} + 7X_{1440} \tag{2148}$$

$$+ 3X_{1441} + 3X_{1442} + 5X_{1443} \tag{2149}$$

$$+ 8X_{1444} + 7X_{1445} + 4X_{1446} \tag{2150}$$

$$+ 4X_{1447} + 3X_{1448} + 8X_{1449} \tag{2151}$$

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$$+ 7X_{1453} + 3X_{1454} + 4X_{1455} \tag{2153}$$

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$$+ 4X_{1459} + 7X_{1460} + 6X_{1461} \tag{2155}$$

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$$+ 4X_{1492} + 7X_{1493} + 4X_{1494} \tag{2166}$$

$$+ 4X_{1495} + 5X_{1496} + 4X_{1497} \tag{2167}$$

$$+ 6X_{1498} + 3X_{1499} + 4X_{1500} \tag{2168}$$

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$$+ 5X_{1504} + 3X_{1505} + 3X_{1506} \tag{2170}$$

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$$+ 3X_{1543} + 6X_{1544} + 8X_{1545} \tag{2183}$$

$$+ 8X_{1546} + 4X_{1547} + 4X_{1548} \tag{2184}$$

$$+ 4X_{1549} + 3X_{1550} + 5X_{1551} \tag{2185}$$

$$+ 8X_{1552} + 5X_{1553} + 8X_{1554} \tag{2186}$$

$$+ 4X_{1555} + 7X_{1556} + 5X_{1557} \tag{2187}$$

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$$+ 8X_{1564} + 3X_{1565} + 6X_{1566} \tag{2190}$$

$$+ 5X_{1567} + 5X_{1568} + 6X_{1569} \tag{2191}$$

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$$+ 5X_{1573} + 6X_{1574} + 4X_{1575} \tag{2193}$$

$$+ 5X_{1576} + 6X_{1577} + 4X_{1578} \tag{2194}$$

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$$+ 7X_{1585} + 5X_{1586} + 3X_{1587} \tag{2197}$$

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$$+ 5X_{1591} + 5X_{1592} + 5X_{1593} \tag{2199}$$

$$+ 6X_{1594} + 4X_{1595} + 5X_{1596} \tag{2200}$$

$$+ 5X_{1597} + 5X_{1598} + 3X_{1599} \tag{2201}$$

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$$+ 6X_{1675} + 6X_{1676} + 7X_{1677} \tag{2227}$$

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$$+ 6X_{1873} + 7X_{1874} + 7X_{1875} \tag{2293}$$

$$+ 7X_{1876} + 7X_{1877} + 4X_{1878} \tag{2294}$$

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$$+ 4X_{1882} + 4X_{1883} + 6X_{1884} \tag{2296}$$

$$+ 7X_{1885} + 6X_{1886} + 5X_{1887} \tag{2297}$$

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$$+ 8X_{2011} + 5X_{2012} + 4X_{2013} \tag{2339}$$

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$$+ 8X_{2023} + 6X_{2024} + 3X_{2025} \tag{2343}$$

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$$+ 7X_{2029} + 6X_{2030} + 8X_{2031} \tag{2345}$$

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$$+ 4X_{2038} + 4X_{2039} + 4X_{2040} \tag{2348}$$

$$+ 8X_{2041} + 6X_{2042} + 7X_{2043} \tag{2349}$$

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$$+ 7X_{2050} + 3X_{2051} + 7X_{2052} \tag{2352}$$

$$+ 4X_{2053} + 7X_{2054} + 8X_{2055} \tag{2353}$$

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$$+ 4X_{2059} + 5X_{2060} + 3X_{2061} \tag{2355}$$

$$+ 4X_{2062} + 6X_{2063} + 5X_{2064} \tag{2356}$$

$$+ 4X_{2065} + 6X_{2066} + 8X_{2067} \tag{2357}$$

$$+ 8X_{2068} + 6X_{2069} + 8X_{2070} \tag{2358}$$

$$+ 3X_{2071} + 5X_{2072} + 4X_{2073} \tag{2359}$$

$$+ 5X_{2074} + 5X_{2075} + 5X_{2076} \tag{2360}$$

$$+ 4X_{2077} + 6X_{2078} + 5X_{2079} \tag{2361}$$

$$+ 5X_{2080} + 5X_{2081} + 6X_{2082} \tag{2362}$$

$$+ 4X_{2083} + 8X_{2084} + 6X_{2085} \tag{2363}$$

$$+ 6X_{2086} + 4X_{2087} + 6X_{2088} \tag{2364}$$

$$+ 7X_{2089} + 6X_{2090} + 7X_{2091} \tag{2365}$$

$$+ 6X_{2092} + 5X_{2093} + 6X_{2094} \tag{2366}$$
$$+ 5X_{2095} + 5X_{2096} + 7X_{2097} \tag{2367}$$
$$+ 5X_{2098} + 5X_{2099} + 3X_{2100} \tag{2368}$$
$$+ 4X_{2101} + 3X_{2102} + 6X_{2103} \tag{2369}$$
$$+ 8X_{2104} + 4X_{2105} + 3X_{2106} \tag{2370}$$
$$+ 3X_{2107} + 8X_{2108} + 8X_{2109} \tag{2371}$$
$$+ 4X_{2110} + 8X_{2111} + 8X_{2112} \tag{2372}$$
$$+ 4X_{2113} + 6X_{2114} + 5X_{2115} \tag{2373}$$
$$+ 5X_{2116} + 8X_{2117} + 5X_{2118} \tag{2374}$$
$$+ 6X_{2119} + 6X_{2120} + 3X_{2121} \tag{2375}$$
$$+ 8X_{2122} + 3X_{2123} + 8X_{2124} \tag{2376}$$
$$+ 4X_{2125} + 3X_{2126} + 8X_{2127} \tag{2377}$$
$$+ 8X_{2128} + 8X_{2129} + 7X_{2130} \tag{2378}$$
$$+ 8X_{2131} + 4X_{2132} + 8X_{2133} \tag{2379}$$
$$+ 4X_{2134} + 4X_{2135} + 7X_{2136} \tag{2380}$$
$$+ 3X_{2137} + 8X_{2138} + 3X_{2139} \tag{2381}$$
$$+ 6X_{2140} + 3X_{2141} + 7X_{2142} \tag{2382}$$
$$+ 8X_{2143} + 3X_{2144} + 4X_{2145} \tag{2383}$$
$$+ 4X_{2146} + 4X_{2147} + 8X_{2148} \tag{2384}$$
$$+ 4X_{2149} + 8X_{2150} + 5X_{2151} \tag{2385}$$
$$+ 6X_{2152} + 5X_{2153} + 6X_{2154} \tag{2386}$$
$$+ 3X_{2155} + 3X_{2156} + 5X_{2157} \tag{2387}$$
$$+ 5X_{2158} + 5X_{2159} + 7X_{2160} \tag{2388}$$
$$+ 4X_{2161} + 7X_{2162} + 5X_{2163} \tag{2389}$$
$$+ 6X_{2164} + 3X_{2165} + 5X_{2166} \tag{2390}$$
$$+ 7X_{2167} + 8X_{2168} + 6X_{2169} \tag{2391}$$
$$+ 6X_{2170} + 4X_{2171} + 6X_{2172} \tag{2392}$$
$$+ 5X_{2173} + 3X_{2174} + 6X_{2175} \tag{2393}$$
$$+ 8X_{2176} + 6X_{2177} + 6X_{2178} \tag{2394}$$
$$+ 7X_{2179} + 5X_{2180} + 7X_{2181} \tag{2395}$$
$$+ 6X_{2182} + 4X_{2183} + 4X_{2184} \tag{2396}$$
$$+ 6X_{2185} + 7X_{2186} + 7X_{2187} \tag{2397}$$
$$+ 4X_{2188} + 5X_{2189} + 5X_{2190} \tag{2398}$$
$$+ 5X_{2191} + 7X_{2192} + 5X_{2193} \tag{2399}$$
$$+ 6X_{2194} + 5X_{2195} + 5X_{2196} \tag{2400}$$
$$+ 5X_{2197} + 6X_{2198} + 7X_{2199} \tag{2401}$$
$$+ 3X_{2200} + 7X_{2201} + 6X_{2202} \tag{2402}$$
$$+ 5X_{2203} + 6X_{2204} + 8X_{2205} \tag{2403}$$
$$+ 8X_{2206} + 4X_{2207} + 7X_{2208} \tag{2404}$$

$$+ 4X_{2209} + 3X_{2210} + 5X_{2211} \tag{2405}$$

$$+ 4X_{2212} + 5X_{2213} + 8X_{2214} \tag{2406}$$

$$+ 5X_{2215} + 3X_{2216} + 3X_{2217} \tag{2407}$$

$$+ 6X_{2218} + 6X_{2219} + 6X_{2220} \tag{2408}$$

$$+ 5X_{2221} + 5X_{2222} + 7X_{2223} \tag{2409}$$

$$+ 6X_{2224} + 4X_{2225} + 4X_{2226} \tag{2410}$$

$$+ 7X_{2227} + 7X_{2228} + 4X_{2229} \tag{2411}$$

$$+ 7X_{2230} + 4X_{2231} + 7X_{2232} \tag{2412}$$

$$+ 7X_{2233} + 3X_{2234} + 7X_{2235} \tag{2413}$$

$$+ 3X_{2236} + 4X_{2237} + 8X_{2238} \tag{2414}$$

$$+ 3X_{2239} + 8X_{2240} + 4X_{2241} \tag{2415}$$

$$+ 7X_{2242} + 3X_{2243} + 7X_{2244} \tag{2416}$$

$$+ 7X_{2245} + 8X_{2246} + 7X_{2247} \tag{2417}$$

$$+ 7X_{2248} + 8X_{2249} + 8X_{2250} \tag{2418}$$

$$+ 8X_{2251} + 6X_{2252} + 3X_{2253} \tag{2419}$$

$$+ 8X_{2254} + 8X_{2255} + 3X_{2256} \tag{2420}$$

$$+ 6X_{2257} + 4X_{2258} + 7X_{2259} \tag{2421}$$

$$+ 5X_{2260} + 7X_{2261} + 4X_{2262} \tag{2422}$$

$$+ 8X_{2263} + 7X_{2264} + 3X_{2265} \tag{2423}$$

$$+ 6X_{2266} + 3X_{2267} + 5X_{2268} \tag{2424}$$

$$+ 6X_{2269} + 5X_{2270} + 8X_{2271} \tag{2425}$$

$$+ 5X_{2272} + 8X_{2273} + 6X_{2274} \tag{2426}$$

$$+ 5X_{2275} + 5X_{2276} + 5X_{2277} \tag{2427}$$

$$+ 7X_{2278} + 4X_{2279} + 7X_{2280} \tag{2428}$$

$$+ 5X_{2281} + 5X_{2282} + 5X_{2283} \tag{2429}$$

$$+ 5X_{2284} + 4X_{2285} + 5X_{2286} \tag{2430}$$

$$+ 4X_{2287} + 7X_{2288} + 7X_{2289} \tag{2431}$$

$$+ 7X_{2290} + 6X_{2291} + 6X_{2292} \tag{2432}$$

$$+ 6X_{2293} + 6X_{2294} + 4X_{2295} \tag{2433}$$

$$+ 7X_{2296} + 5X_{2297} + 4X_{2298} \tag{2434}$$

$$+ 5X_{2299} + 3X_{2300} + 4X_{2301} \tag{2435}$$

$$+ 3X_{2302} + 8X_{2303} + 7X_{2304} \tag{2436}$$

$$+ 8X_{2305} + 4X_{2306} + 3X_{2307} \tag{2437}$$

$$+ 7X_{2308} + 8X_{2309} + 4X_{2310} \tag{2438}$$

$$+ 5X_{2311} + 7X_{2312} + 8X_{2313} \tag{2439}$$

$$+ 5X_{2314} + 3X_{2315} + 5X_{2316} \tag{2440}$$

$$+ 8X_{2317} + 8X_{2318} + 8X_{2319} \tag{2441}$$

$$+ 6X_{2320} + 5X_{2321} + 8X_{2322} \tag{2442}$$

$$+ 3X_{2323} + 8X_{2324} + 8X_{2325} \tag{2443}$$

$$+ 3X_{2326} + 8X_{2327} + 3X_{2328} \tag{2444}$$

$$+ 3X_{2329} + 7X_{2330} + 8X_{2331} \tag{2445}$$

$$+ 3X_{2332} + 8X_{2333} + 3X_{2334} \tag{2446}$$

$$+ 7X_{2335} + 8X_{2336} + 7X_{2337} \tag{2447}$$

$$+ 7X_{2338} + 4X_{2339} + 7X_{2340} \tag{2448}$$

$$+ 5X_{2341} + 4X_{2342} + 7X_{2343} \tag{2449}$$

$$+ 7X_{2344} + 7X_{2345} + 7X_{2346} \tag{2450}$$

$$+ 7X_{2347} + 6X_{2348} + 8X_{2349} \tag{2451}$$

$$+ 7X_{2350} + 6X_{2351} + 7X_{2352} \tag{2452}$$

$$+ 3X_{2353} + 8X_{2354} + 7X_{2355} \tag{2453}$$

$$+ 5X_{2356} + 8X_{2357} + 5X_{2358} \tag{2454}$$

$$+ 4X_{2359} + 6X_{2360} + 6X_{2361} \tag{2455}$$

$$+ 8X_{2362} + 3X_{2363} + 3X_{2364} \tag{2456}$$

$$+ 5X_{2365} + 3X_{2366} + 5X_{2367} \tag{2457}$$

$$+ 5X_{2368} + 8X_{2369} + 8X_{2370} \tag{2458}$$

$$+ 6X_{2371} + 3X_{2372} + 3X_{2373} \tag{2459}$$

$$+ 7X_{2374} + 8X_{2375} + 8X_{2376} \tag{2460}$$

$$+ 5X_{2377} + 7X_{2378} + 6X_{2379} \tag{2461}$$

$$+ 5X_{2380} + 6X_{2381} + 7X_{2382} \tag{2462}$$

$$+ 6X_{2383} + 5X_{2384} + 7X_{2385} \tag{2463}$$

$$+ 6X_{2386} + 4X_{2387} + 3X_{2388} \tag{2464}$$

$$+ 6X_{2389} + 7X_{2390} + 5X_{2391} \tag{2465}$$

$$+ 7X_{2392} + 6X_{2393} + 7X_{2394} \tag{2466}$$

$$+ 7X_{2395} + 5X_{2396} + 7X_{2397} \tag{2467}$$

$$+ 7X_{2398} + 6X_{2399} + 4X_{2400} \tag{2468}$$

$$+ 6X_{2401} + 6X_{2402} + 8X_{2403} \tag{2469}$$

$$+ 3X_{2404} + 8X_{2405} + 6X_{2406} \tag{2470}$$

$$+ 3X_{2407} + 3X_{2408} + 3X_{2409} \tag{2471}$$

$$+ 3X_{2410} + 4X_{2411} + 8X_{2412} \tag{2472}$$

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$$+ 8X_{2416} + 5X_{2417} + 3X_{2418} \tag{2474}$$

$$+ 3X_{2419} + 8X_{2420} + 7X_{2421} \tag{2475}$$

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$$+ 8X_{2437} + 4X_{2438} + 3X_{2439} \tag{2481}$$

$$+ 7X_{2440} + 8X_{2441} + 8X_{2442} \tag{2482}$$

$$+ 4X_{2443} + 5X_{2444} + 3X_{2445} \tag{2483}$$

$$+ 3X_{2446} + 8X_{2447} + 8X_{2448} \tag{2484}$$

$$+ 3X_{2449} + 6X_{2450} + 6X_{2451} \tag{2485}$$

$$+ 4X_{2452} + 8X_{2453} + 3X_{2454} \tag{2486}$$

$$+ 5X_{2455} + 5X_{2456} + 6X_{2457} \tag{2487}$$

$$+ 6X_{2458} + 6X_{2459} + 3X_{2460} \tag{2488}$$

$$+ 5X_{2461} + 5X_{2462} + 5X_{2463} \tag{2489}$$

$$+ 6X_{2464} + 6X_{2465} + 8X_{2466} \tag{2490}$$

$$+ 6X_{2467} + 3X_{2468} + 6X_{2469} \tag{2491}$$

$$+ 5X_{2470} + 6X_{2471} + 6X_{2472} \tag{2492}$$

$$+ 5X_{2473} + 5X_{2474} + 3X_{2475} \tag{2493}$$

$$+ 6X_{2476} + 6X_{2477} + 5X_{2478} \tag{2494}$$

$$+ 6X_{2479} + 7X_{2480} + 4X_{2481} \tag{2495}$$

$$+ 6X_{2482} + 4X_{2483} + 5X_{2484} \tag{2496}$$

$$+ 5X_{2485} + 4X_{2486} + 4X_{2487} \tag{2497}$$

$$+ 4X_{2488} + 7X_{2489} + 5X_{2490} \tag{2498}$$

$$+ 8X_{2491} + 6X_{2492} + 6X_{2493} \tag{2499}$$

$$+ 5X_{2494} + 4X_{2495} + 6X_{2496} \tag{2500}$$

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$$+ 8X_{2509} + 4X_{2510} + 8X_{2511} \tag{2505}$$

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$$+ 4X_{2521} + 3X_{2522} + 6X_{2523} \tag{2509}$$

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$$+ 4X_{2572} + 3X_{2573} + 4X_{2574} \tag{2526}$$

$$+ 7X_{2575} + 6X_{2576} + 4X_{2577} \tag{2527}$$

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$$+ 7X_{2584} + 5X_{2585} + 5X_{2586} \tag{2530}$$

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$$+ 7X_{2590} + 6X_{2591} + 5X_{2592} \tag{2532}$$

$$+ 5X_{2593} + 6X_{2594} + 7X_{2595} \tag{2533}$$

$$+ 7X_{2596} + 4X_{2597} + 4X_{2598} \tag{2534}$$

$$+ 8X_{2599} + 3X_{2600} + 4X_{2601} \tag{2535}$$

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$$+ 6X_{2635} + 8X_{2636} + 7X_{2637} \tag{2547}$$

$$+ 4X_{2638} + 3X_{2639} + 3X_{2640} \tag{2548}$$

$$+ 3X_{2641} + 4X_{2642} + 4X_{2643} \tag{2549}$$

$$+ 8X_{2644} + 8X_{2645} + 8X_{2646} \tag{2550}$$

$$+ 4X_{2647} + 3X_{2648} + 7X_{2649} \tag{2551}$$

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$$+ 7X_{2692} + 5X_{2693} + 4X_{2694} \tag{2566}$$

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$$+ 3X_{2791} + 6X_{2792} + 6X_{2793} \tag{2599}$$

$$+ 4X_{2794} + 5X_{2795} + 5X_{2796} \tag{2600}$$

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$$+ 3X_{2806} + 8X_{2807} + 8X_{2808} \tag{2604}$$

$$+ 6X_{2809} + 3X_{2810} + 4X_{2811} \tag{2605}$$

$$+ 8X_{2812} + 6X_{2813} + 3X_{2814} \tag{2606}$$

$$+ 3X_{2815} + 3X_{2816} + 8X_{2817} \tag{2607}$$

$$+ 5X_{2818} + 8X_{2819} + 8X_{2820} \tag{2608}$$

$$+ 3X_{2821} + 5X_{2822} + 6X_{2823} \tag{2609}$$

$$+ 8X_{2824} + 3X_{2825} + 3X_{2826} \tag{2610}$$

$$+ 7X_{2827} + 8X_{2828} + 4X_{2829} \tag{2611}$$

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$$+ 3X_{2833} + 8X_{2834} + 3X_{2835} \tag{2613}$$

$$+ 8X_{2836} + 4X_{2837} + 4X_{2838} \tag{2614}$$

$$+ 7X_{2839} + 8X_{2840} + 3X_{2841} \tag{2615}$$

$$+ 5X_{2842} + 8X_{2843} + 4X_{2844} \tag{2616}$$

$$+ 4X_{2845} + 7X_{2846} + 7X_{2847} \tag{2617}$$

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$$+ 6X_{2860} + 6X_{2861} + 5X_{2862} \tag{2622}$$

$$+ 6X_{2863} + 5X_{2864} + 8X_{2865} \tag{2623}$$

$$+ 6X_{2866} + 6X_{2867} + 5X_{2868} \tag{2624}$$

$$+ 8X_{2869} + 6X_{2870} + 5X_{2871} \tag{2625}$$

$$+ 5X_{2872} + 3X_{2873} + 5X_{2874} \tag{2626}$$

$$+ 5X_{2875} + 6X_{2876} + 8X_{2877} \tag{2627}$$

$$+ 7X_{2878} + 8X_{2879} + 8X_{2880} \tag{2628}$$

$$+ 5X_{2881} + 6X_{2882} + 7X_{2883} \tag{2629}$$

$$+ 5X_{2884} + 6X_{2885} + 6X_{2886} \tag{2630}$$

$$+ 6X_{2887} + 5X_{2888} + 4X_{2889} \tag{2631}$$

$$+ 6X_{2890} + 6X_{2891} + 6X_{2892} \tag{2632}$$

$$+ 4X_{2893} + 7X_{2894} + 7X_{2895} \tag{2633}$$

$$+ 4X_{2896} + 7X_{2897} + 6X_{2898} \tag{2634}$$

$$+ 8X_{2899} + 4X_{2900} + 3X_{2901} \tag{2635}$$

$$+ 4X_{2902} + 3X_{2903} + 3X_{2904} \tag{2636}$$

$$+ 3X_{2905} + 3X_{2906} + 4X_{2907} \tag{2637}$$

$$+ 3X_{2908} + 8X_{2909} + 4X_{2910} \tag{2638}$$

$$+ 7X_{2911} + 5X_{2912} + 6X_{2913} \tag{2639}$$

$$+ 7X_{2914} + 5X_{2915} + 5X_{2916} \tag{2640}$$

$$+ 8X_{2917} + 6X_{2918} + 6X_{2919} \tag{2641}$$

$$+ 5X_{2920} + 8X_{2921} + 4X_{2922} \tag{2642}$$

$$+ 8X_{2923} + 7X_{2924} + 8X_{2925} \tag{2643}$$

$$+ 4X_{2926} + 4X_{2927} + 8X_{2928} \tag{2644}$$

$$+ 6X_{2929} + 4X_{2930} + 8X_{2931} \tag{2645}$$

$$+ 8X_{2932} + 8X_{2933} + 7X_{2934} \tag{2646}$$

$$+ 8X_{2935} + 8X_{2936} + 5X_{2937} \tag{2647}$$

$$+ 7X_{2938} + 3X_{2939} + 7X_{2940} \tag{2648}$$

$$+ 8X_{2941} + 5X_{2942} + 7X_{2943} \tag{2649}$$

$$+ 3X_{2944} + 3X_{2945} + 7X_{2946} \tag{2650}$$

$$+ 4X_{2947} + 7X_{2948} + 6X_{2949} \tag{2651}$$

$$+ 8X_{2950} + 5X_{2951} + 5X_{2952} \tag{2652}$$

$$+ 4X_{2953} + 6X_{2954} + 5X_{2955} \tag{2653}$$

$$+ 8X_{2956} + 5X_{2957} + 3X_{2958} \tag{2654}$$

$$+ 8X_{2959} + 8X_{2960} + 3X_{2961} \tag{2655}$$

$$+ 6X_{2962} + 6X_{2963} + 6X_{2964} \tag{2656}$$

$$+ 5X_{2965} + 3X_{2966} + 6X_{2967} \tag{2657}$$

$$+ 5X_{2968} + 4X_{2969} + 6X_{2970} \tag{2658}$$

$$+ 8X_{2971} + 8X_{2972} + 5X_{2973} \tag{2659}$$

$$+ 5X_{2974} + 5X_{2975} + 8X_{2976} \tag{2660}$$

$$+ 6X_{2977} + 4X_{2978} + 5X_{2979} \tag{2661}$$

$$+ 6X_{2980} + 4X_{2981} + 5X_{2982} \tag{2662}$$

$$+ 6X_{2983} + 7X_{2984} + 7X_{2985} \tag{2663}$$

$$+ 7X_{2986} + 7X_{2987} + 4X_{2988} \tag{2664}$$

$$+ 7X_{2989} + 6X_{2990} + 4X_{2991} \tag{2665}$$

$$+ 7X_{2992} + 6X_{2993} + 4X_{2994} \tag{2666}$$

$$+ 7X_{2995} + 4X_{2996} + 7X_{2997} \tag{2667}$$

$$+ 7X_{2998} + 5X_{2999} + 6X_{3000} \tag{2668}$$

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$$+ 4X_{3025} + 3X_{3026} + 7X_{3027} \tag{2677}$$

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$$+ 4X_{3070} + 5X_{3071} + 3X_{3072} \tag{2692}$$

$$+ 8X_{3073} + 6X_{3074} + 8X_{3075} \tag{2693}$$

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$$+ 5X_{3712} + 5X_{3713} + 8X_{3714} \tag{2906}$$

$$+ 8X_{3715} + 4X_{3716} + 8X_{3717} \tag{2907}$$

$$+ 7X_{3718} + 5X_{3719} + 4X_{3720} \tag{2908}$$

$$+ 8X_{3721} + 3X_{3722} + 4X_{3723} \tag{2909}$$

$$+ 3X_{3724} + 8X_{3725} + 8X_{3726} \tag{2910}$$

$$+ 3X_{3727} + 3X_{3728} + 8X_{3729} \tag{2911}$$

$$+ 8X_{3730} + 3X_{3731} + 7X_{3732} \tag{2912}$$

$$+ 8X_{3733} + 6X_{3734} + 4X_{3735} \tag{2913}$$

$$+ 8X_{3736} + 6X_{3737} + 3X_{3738} \tag{2914}$$

$$+ 5X_{3739} + 6X_{3740} + 3X_{3741} \tag{2915}$$

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$$+ 5X_{3745} + 5X_{3746} + 5X_{3747} \tag{2917}$$

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$$+ 7X_{3760} + 8X_{3761} + 6X_{3762} \tag{2922}$$

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$$+ 5X_{3772} + 5X_{3773} + 5X_{3774} \tag{2926}$$

$$+ 5X_{3775} + 4X_{3776} + 6X_{3777} \tag{2927}$$

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$$+ 4X_{3784} + 4X_{3785} + 5X_{3786} \tag{2930}$$

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$$+ 4X_{3796} + 5X_{3797} + 7X_{3798} \tag{2934}$$

$$+ 6X_{3799} + 5X_{3800} + 8X_{3801} \tag{2935}$$

$$+ 7X_{3802} + 3X_{3803} + 5X_{3804} \tag{2936}$$

$$+ 3X_{3805} + 5X_{3806} + 3X_{3807} \tag{2937}$$

$$+ 3X_{3808} + 7X_{3809} + 5X_{3810} \tag{2938}$$

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$$+ 8X_{3823} + 3X_{3824} + 8X_{3825} \tag{2943}$$

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$$+ 8X_{3844} + 3X_{3845} + 7X_{3846} \tag{2950}$$

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$$+ 8X_{4522} + 7X_{4523} + 7X_{4524} \tag{3176}$$

$$+ 8X_{4525} + 3X_{4526} + 3X_{4527} \tag{3177}$$

$$+ 5X_{4528} + 8X_{4529} + 3X_{4530} \tag{3178}$$

$$+ 5X_{4531} + 8X_{4532} + 4X_{4533} \tag{3179}$$

$$+ 4X_{4534} + 4X_{4535} + 7X_{4536} \tag{3180}$$

$$+ 3X_{4537} + 8X_{4538} + 4X_{4539} \tag{3181}$$

$$+ 4X_{4540} + 6X_{4541} + 7X_{4542} \tag{3182}$$

$$+ 7X_{4543} + 3X_{4544} + 4X_{4545} \tag{3183}$$

$$+ 5X_{4546} + 6X_{4547} + 6X_{4548} \tag{3184}$$

$$+ 4X_{4549} + 3X_{4550} + 5X_{4551} \tag{3185}$$

$$+ 7X_{4552} + 5X_{4553} + 6X_{4554} \tag{3186}$$

$$+ 3X_{4555} + 5X_{4556} + 4X_{4557} \tag{3187}$$

$$+ 5X_{4558} + 3X_{4559} + 6X_{4560} \tag{3188}$$

$$+ 8X_{4561} + 5X_{4562} + 8X_{4563} \tag{3189}$$

$$+ 6X_{4564} + 8X_{4565} + 8X_{4566} \tag{3190}$$

$$+ 8X_{4567} + 6X_{4568} + 8X_{4569} \tag{3191}$$

$$+ 5X_{4570} + 6X_{4571} + 5X_{4572} \tag{3192}$$

$$+ 5X_{4573} + 4X_{4574} + 4X_{4575} \tag{3193}$$

$$+ 5X_{4576} + 4X_{4577} + 6X_{4578} \tag{3194}$$

$$+ 4X_{4579} + 7X_{4580} + 5X_{4581} \tag{3195}$$

$$+ 4X_{4582} + 5X_{4583} + 5X_{4584} \tag{3196}$$

$$+ 5X_{4585} + 6X_{4586} + 5X_{4587} \tag{3197}$$

$$+ 7X_{4588} + 5X_{4589} + 6X_{4590} \tag{3198}$$

$$+ 5X_{4591} + 5X_{4592} + 5X_{4593} \tag{3199}$$

$$+ 5X_{4594} + 6X_{4595} + 7X_{4596} \tag{3200}$$

$$+ 4X_{4597} + 7X_{4598} + 6X_{4599} \tag{3201}$$

$$+ 5X_{4600} + 7X_{4601} + 5X_{4602} \tag{3202}$$

$$+ 6X_{4603} + 6X_{4604} + 3X_{4605} \tag{3203}$$

$$+ 6X_{4606} + 5X_{4607} + 8X_{4608} \tag{3204}$$

$$+ 8X_{4609} + 3X_{4610} + 3X_{4611} \tag{3205}$$

$$+ 6X_{4612} + 8X_{4613} + 8X_{4614} \tag{3206}$$

$$+ 8X_{4615} + 4X_{4616} + 6X_{4617} \tag{3207}$$

$$+ 6X_{4618} + 4X_{4619} + 8X_{4620} \tag{3208}$$

$$+ 8X_{4621} + 3X_{4622} + 6X_{4623} \tag{3209}$$

$$+ 7X_{4624} + 4X_{4625} + 3X_{4626} \tag{3210}$$

$$+ 8X_{4627} + 4X_{4628} + 8X_{4629} \tag{3211}$$

$$+ 3X_{4630} + 7X_{4631} + 7X_{4632} \tag{3212}$$

$$+ 7X_{4633} + 3X_{4634} + 4X_{4635} \tag{3213}$$

$$+ 7X_{4636} + 8X_{4637} + 4X_{4638} \tag{3214}$$

$$+ 3X_{4639} + 6X_{4640} + 4X_{4641} \tag{3215}$$

$$+ 7X_{4642} + 4X_{4643} + 3X_{4644} \tag{3216}$$

$$+ 6X_{4645} + 8X_{4646} + 3X_{4647} \tag{3217}$$

$$+ 4X_{4648} + 7X_{4649} + 6X_{4650} \tag{3218}$$

$$+ 5X_{4651} + 3X_{4652} + 6X_{4653} \tag{3219}$$

$$+ 6X_{4654} + 5X_{4655} + 3X_{4656} \tag{3220}$$

$$+ 6X_{4657} + 6X_{4658} + 3X_{4659} \tag{3221}$$

$$+ 8X_{4660} + 4X_{4661} + 5X_{4662} \tag{3222}$$

$$+ 6X_{4663} + 6X_{4664} + 5X_{4665} \tag{3223}$$

$$+ 5X_{4666} + 6X_{4667} + 7X_{4668} \tag{3224}$$

$$+ 8X_{4669} + 5X_{4670} + 5X_{4671} \tag{3225}$$

$$+ 7X_{4672} + 7X_{4673} + 7X_{4674} \tag{3226}$$

$$+ 5X_{4675} + 4X_{4676} + 7X_{4677} \tag{3227}$$

$$+ 5X_{4678} + 6X_{4679} + 6X_{4680} \tag{3228}$$

$$+ 6X_{4681} + 6X_{4682} + 6X_{4683} \tag{3229}$$

$$+ 4X_{4684} + 5X_{4685} + 4X_{4686} \tag{3230}$$

$$+ 7X_{4687} + 7X_{4688} + 6X_{4689} \tag{3231}$$

$$+ 7X_{4690} + 7X_{4691} + 6X_{4692} \tag{3232}$$

$$+ 7X_{4693} + 4X_{4694} + 7X_{4695} \tag{3233}$$

$$+ 6X_{4696} + 6X_{4697} + 4X_{4698} \tag{3234}$$

$$+ 7X_{4699} + 4X_{4700} + 8X_{4701} \tag{3235}$$

$$+ 3X_{4702} + 3X_{4703} + 8X_{4704} \tag{3236}$$

$$+ 8X_{4705} + 3X_{4706} + 4X_{4707} \tag{3237}$$

$$+ 4X_{4708} + 3X_{4709} + 8X_{4710} \tag{3238}$$

$$+ 8X_{4711} + 6X_{4712} + 3X_{4713} \tag{3239}$$

$$+ 3X_{4714} + 3X_{4715} + 5X_{4716} \tag{3240}$$

$$+ 6X_{4717} + 5X_{4718} + 6X_{4719} \tag{3241}$$

$$+ 8X_{4720} + 7X_{4721} + 7X_{4722} \tag{3242}$$

$$+ 8X_{4723} + 3X_{4724} + 3X_{4725} \tag{3243}$$

$$+ 3X_{4726} + 8X_{4727} + 7X_{4728} \tag{3244}$$

$$+ 3X_{4729} + 8X_{4730} + 3X_{4731} \tag{3245}$$

$$+ 3X_{4732} + 7X_{4733} + 3X_{4734} \tag{3246}$$

$$+ 4X_{4735} + 7X_{4736} + 8X_{4737} \tag{3247}$$

$$+ 4X_{4738} + 8X_{4739} + 4X_{4740} \tag{3248}$$

$$+ 4X_{4741} + 3X_{4742} + 3X_{4743} \tag{3249}$$

$$+ 7X_{4744} + 6X_{4745} + 4X_{4746} \tag{3250}$$

$$+ 4X_{4747} + 6X_{4748} + 6X_{4749} \tag{3251}$$

$$+ 5X_{4750} + 8X_{4751} + 7X_{4752} \tag{3252}$$

$$+ 7X_{4753} + 4X_{4754} + 3X_{4755} \tag{3253}$$

$$+ 7X_{4756} + 6X_{4757} + 4X_{4758} \tag{3254}$$

$$+ 5X_{4759} + 5X_{4760} + 3X_{4761} \tag{3255}$$

$$+ 3X_{4762} + 7X_{4763} + 5X_{4764} \tag{3256}$$

$$+ 3X_{4765} + 8X_{4766} + 6X_{4767} \tag{3257}$$

$$+ 8X_{4768} + 3X_{4769} + 8X_{4770} \tag{3258}$$

$$+ 5X_{4771} + 5X_{4772} + 8X_{4773} \tag{3259}$$

$$+ 7X_{4774} + 5X_{4775} + 5X_{4776} \tag{3260}$$

$$+ 3X_{4777} + 5X_{4778} + 7X_{4779} \tag{3261}$$

$$+ 7X_{4780} + 5X_{4781} + 7X_{4782} \tag{3262}$$

$$+ 5X_{4783} + 6X_{4784} + 4X_{4785} \tag{3263}$$

$$+ 4X_{4786} + 6X_{4787} + 4X_{4788} \tag{3264}$$

$$+ 5X_{4789} + 4X_{4790} + 6X_{4791} \tag{3265}$$

$$+ 6X_{4792} + 5X_{4793} + 4X_{4794} \tag{3266}$$

$$+ 6X_{4795} + 7X_{4796} + 7X_{4797} \tag{3267}$$

$$+ 6X_{4798} + 7X_{4799} + 6X_{4800} \tag{3268}$$

$$+ 3X_{4801} + 4X_{4802} + 3X_{4803} \tag{3269}$$

$$+ 3X_{4804} + 6X_{4805} + 8X_{4806} \tag{3270}$$

$$+ 8X_{4807} + 3X_{4808} + 8X_{4809} \tag{3271}$$

$$+ 6X_{4810} + 7X_{4811} + 6X_{4812} \tag{3272}$$

$$+ 5X_{4813} + 6X_{4814} + 5X_{4815} \tag{3273}$$

$$+ 6X_{4816} + 3X_{4817} + 5X_{4818} \tag{3274}$$

$$+ 6X_{4819} + 4X_{4820} + 8X_{4821} \tag{3275}$$

$$+ 3X_{4822} + 6X_{4823} + 6X_{4824} \tag{3276}$$

$$+ 3X_{4825} + 5X_{4826} + 7X_{4827} \tag{3277}$$

$$+ 7X_{4828} + 3X_{4829} + 3X_{4830} \tag{3278}$$

$$+ 7X_{4831} + 7X_{4832} + 8X_{4833} \tag{3279}$$

$$+ 3X_{4834} + 5X_{4835} + 8X_{4836} \tag{3280}$$

$$+ 4X_{4837} + 7X_{4838} + 8X_{4839} \tag{3281}$$

$$+ 7X_{4840} + 4X_{4841} + 8X_{4842} \tag{3282}$$

$$+ 7X_{4843} + 7X_{4844} + 4X_{4845} \tag{3283}$$

$$+ 8X_{4846} + 3X_{4847} + 4X_{4848} \tag{3284}$$

$$+ 8X_{4849} + 4X_{4850} + 8X_{4851} \tag{3285}$$

$$+ 3X_{4852} + 5X_{4853} + 8X_{4854} \tag{3286}$$

$$+ 6X_{4855} + 3X_{4856} + 5X_{4857} \tag{3287}$$

$$+ 4X_{4858} + 6X_{4859} + 6X_{4860} \tag{3288}$$

$$+ 5X_{4861} + 6X_{4862} + 4X_{4863} \tag{3289}$$

$$+ 3X_{4864} + 5X_{4865} + 6X_{4866} \tag{3290}$$

$$+ 5X_{4867} + 5X_{4868} + 8X_{4869} \tag{3291}$$

$$+ 4X_{4870} + 3X_{4871} + 3X_{4872} \tag{3292}$$

$$+ 5X_{4873} + 7X_{4874} + 8X_{4875} \tag{3293}$$

$$+ 7X_{4876} + 8X_{4877} + 3X_{4878} \tag{3294}$$

$$+ 7X_{4879} + 5X_{4880} + 5X_{4881} \tag{3295}$$

$$+ 6X_{4882} + 7X_{4883} + 4X_{4884} \tag{3296}$$

$$+ 4X_{4885} + 6X_{4886} + 6X_{4887} \tag{3297}$$

$$+ 5X_{4888} + 7X_{4889} + 7X_{4890} \tag{3298}$$

$$+ 4X_{4891} + 6X_{4892} + 7X_{4893} \tag{3299}$$

$$+ 5X_{4894} + 6X_{4895} + 5X_{4896} \tag{3300}$$

$$+ 5X_{4897} + 6X_{4898} + 3X_{4899} \tag{3301}$$

$$+ 7X_{4900} + 6X_{4901} + 7X_{4902} \tag{3302}$$
$$+ 8X_{4903} + 8X_{4904} + 8X_{4905} \tag{3303}$$
$$+ 5X_{4906} + 7X_{4907} + 4X_{4908} \tag{3304}$$
$$+ 4X_{4909} + 8X_{4910} + 3X_{4911} \tag{3305}$$
$$+ 3X_{4912} + 8X_{4913} + 5X_{4914} \tag{3306}$$
$$+ 3X_{4915} + 6X_{4916} + 5X_{4917} \tag{3307}$$
$$+ 6X_{4918} + 8X_{4919} + 5X_{4920} \tag{3308}$$
$$+ 5X_{4921} + 5X_{4922} + 8X_{4923} \tag{3309}$$
$$+ 3X_{4924} + 3X_{4925} + 8X_{4926} \tag{3310}$$
$$+ 8X_{4927} + 4X_{4928} + 4X_{4929} \tag{3311}$$
$$+ 7X_{4930} + 5X_{4931} + 3X_{4932} \tag{3312}$$
$$+ 8X_{4933} + 7X_{4934} + 8X_{4935} \tag{3313}$$
$$+ 7X_{4936} + 8X_{4937} + 8X_{4938} \tag{3314}$$
$$+ 5X_{4939} + 4X_{4940} + 8X_{4941} \tag{3315}$$
$$+ 8X_{4942} + 3X_{4943} + 3X_{4944} \tag{3316}$$
$$+ 3X_{4945} + 8X_{4946} + 4X_{4947} \tag{3317}$$
$$+ 3X_{4948} + 6X_{4949} + 4X_{4950} \tag{3318}$$
$$+ 7X_{4951} + 6X_{4952} + 7X_{4953} \tag{3319}$$
$$+ 3X_{4954} + 6X_{4955} + 3X_{4956} \tag{3320}$$
$$+ 8X_{4957} + 6X_{4958} + 8X_{4959} \tag{3321}$$
$$+ 3X_{4960} + 3X_{4961} + 7X_{4962} \tag{3322}$$
$$+ 5X_{4963} + 7X_{4964} + 4X_{4965} \tag{3323}$$
$$+ 8X_{4966} + 8X_{4967} + 6X_{4968} \tag{3324}$$
$$+ 7X_{4969} + 6X_{4970} + 5X_{4971} \tag{3325}$$
$$+ 6X_{4972} + 6X_{4973} + 6X_{4974} \tag{3326}$$
$$+ 5X_{4975} + 6X_{4976} + 4X_{4977} \tag{3327}$$
$$+ 4X_{4978} + 6X_{4979} + 6X_{4980} \tag{3328}$$
$$+ 7X_{4981} + 7X_{4982} + 5X_{4983} \tag{3329}$$
$$+ 7X_{4984} + 8X_{4985} + 6X_{4986} \tag{3330}$$
$$+ 6X_{4987} + 6X_{4988} + 5X_{4989} \tag{3331}$$
$$+ 8X_{4990} + 7X_{4991} + 6X_{4992} \tag{3332}$$
$$+ 4X_{4993} + 7X_{4994} + 4X_{4995} \tag{3333}$$
$$+ 5X_{4996} + 6X_{4997} + 4X_{4998} \tag{3334}$$
$$+ 5X_{4999}$$

3 约束条件

3.1 等式约束 (150 个)

$$X_{91} + X_{92} + X_{93} + X_{94} + X_{95} + X_{96} \tag{3335}$$

$$+ X_{97} + X_{98} + X_{99} = +654 \quad \text{(C\_1)} \tag{3336}$$

$$X_{191} + X_{192} + X_{193} + X_{194} + X_{195} + X_{196} \tag{3337}$$

$$+ X_{197} + X_{198} + X_{199} = +1122 \quad \text{(C\_2)} \tag{3338}$$

$$X_{291} + X_{292} + X_{293} + X_{294} + X_{295} + X_{296} \tag{3339}$$

$$+ X_{297} + X_{298} + X_{299} = +615 \quad \text{(C\_3)} \tag{3340}$$

$$X_{391} + X_{392} + X_{393} + X_{394} + X_{395} + X_{396} \tag{3341}$$

$$+ X_{397} + X_{398} + X_{399} = +229 \quad \text{(C\_4)} \tag{3342}$$

$$X_{491} + X_{492} + X_{493} + X_{494} + X_{495} + X_{496} \tag{3343}$$

$$+ X_{497} + X_{498} + X_{499} = +457 \quad \text{(C\_5)} \tag{3344}$$

$$X_{591} + X_{592} + X_{593} + X_{594} + X_{595} + X_{596} \tag{3345}$$

$$+ X_{597} + X_{598} + X_{599} = +914 \quad \text{(C\_6)} \tag{3346}$$

$$X_{691} + X_{692} + X_{693} + X_{694} + X_{695} + X_{696} \tag{3347}$$

$$+ X_{697} + X_{698} + X_{699} = +473 \quad \text{(C\_7)} \tag{3348}$$

$$X_{791} + X_{792} + X_{793} + X_{794} + X_{795} + X_{796} \tag{3349}$$

$$+ X_{797} + X_{798} + X_{799} = +703 \quad \text{(C\_8)} \tag{3350}$$

$$X_{891} + X_{892} + X_{893} + X_{894} + X_{895} + X_{896} \tag{3351}$$

$$+ X_{897} + X_{898} + X_{899} = +925 \quad \text{(C\_9)} \tag{3352}$$

$$X_{991} + X_{992} + X_{993} + X_{994} + X_{995} + X_{996} \tag{3353}$$

$$+ X_{997} + X_{998} + X_{999} = +593 \quad \text{(C\_10)} \tag{3354}$$

$$X_{1095} + X_{1096} + X_{1097} + X_{1098} + X_{1099} = +697 \quad \text{(C\_11)} \tag{3355}$$

$$X_{1195} + X_{1196} + X_{1197} + X_{1198} + X_{1199} = +568 \quad \text{(C\_12)} \tag{3356}$$

$$X_{1295} + X_{1296} + X_{1297} + X_{1298} + X_{1299} = +2701 \quad \text{(C\_13)} \tag{3357}$$

$$X_{1395} + X_{1396} + X_{1397} + X_{1398} + X_{1399} = +1140 \quad \text{(C\_14)} \tag{3358}$$

$$X_{1495} + X_{1496} + X_{1497} + X_{1498} + X_{1499} = +1719 \quad \text{(C\_15)} \tag{3359}$$

$$X_{1595} + X_{1596} + X_{1597} + X_{1598} + X_{1599} = +1880 \quad \text{(C\_16)} \tag{3360}$$

$$X_{1695} + X_{1696} + X_{1697} + X_{1698} + X_{1699} = +579 \quad \text{(C\_17)} \tag{3361}$$

$$X_{1795} + X_{1796} + X_{1797} + X_{1798} + X_{1799} = +880 \quad \text{(C\_18)} \tag{3362}$$

$$X_{1895} + X_{1896} + X_{1897} + X_{1898} + X_{1899} = +2490 \quad \text{(C\_19)} \tag{3363}$$

$$X_{1995} + X_{1996} + X_{1997} + X_{1998} + X_{1999} = +431 \quad \text{(C\_20)} \tag{3364}$$

$$X_{2095} + X_{2096} + X_{2097} + X_{2098} + X_{2099} = +257 \quad \text{(C\_21)} \tag{3365}$$

$$X_{2195} + X_{2196} + X_{2197} + X_{2198} + X_{2199} = +551 \quad \text{(C\_22)} \tag{3366}$$

$$X_{2295} + X_{2296} + X_{2297} + X_{2298} + X_{2299} = +1108 \quad \text{(C\_23)} \tag{3367}$$

$$X_{2395} + X_{2396} + X_{2397} + X_{2398} + X_{2399} = +736 \quad \text{(C\_24)} \tag{3368}$$

$$X_{2495} + X_{2496} + X_{2497} + X_{2498} + X_{2499} = +932 \quad \text{(C\_25)} \tag{3369}$$

$$X_{2595} + X_{2596} + X_{2597} + X_{2598} + X_{2599} = +1756 \quad \text{(C\_26)} \tag{3370}$$

$$X_{2695} + X_{2696} + X_{2697} + X_{2698} + X_{2699} = +859 \quad \text{(C\_27)} \tag{3371}$$

$$X_{2795} + X_{2796} + X_{2797} + X_{2798} + X_{2799} = +1456 \quad \text{(C\_28)} \tag{3372}$$

$$X_{2895} + X_{2896} + X_{2897} + X_{2898} + X_{2899} = +810 \quad \text{(C\_29)} \tag{3373}$$

$$X_{2995} + X_{2996} + X_{2997} + X_{2998} + X_{2999} = +704 \quad \text{(C\_30)} \tag{3374}$$

$$X_{3095} + X_{3096} + X_{3097} + X_{3098} + X_{3099} = +175 \quad \text{(C\_31)} \tag{3375}$$

$$X_{3195} + X_{3196} + X_{3197} + X_{3198} + X_{3199} = +1403 \quad \text{(C\_32)} \tag{3376}$$

$$X_{3295} + X_{3296} + X_{3297} + X_{3298} + X_{3299} = +2644 \quad \text{(C\_33)} \tag{3377}$$

$$X_{3395} + X_{3396} + X_{3397} + X_{3398} + X_{3399} = +924 \quad \text{(C\_34)} \quad (3378)$$

$$X_{3495} + X_{3496} + X_{3497} + X_{3498} + X_{3499} = +2718 \quad \text{(C\_35)} \quad (3379)$$

$$X_{3595} + X_{3596} + X_{3597} + X_{3598} + X_{3599} = +1244 \quad \text{(C\_36)} \quad (3380)$$

$$X_{3695} + X_{3696} + X_{3697} + X_{3698} + X_{3699} = +841 \quad \text{(C\_37)} \quad (3381)$$

$$X_{3795} + X_{3796} + X_{3797} + X_{3798} + X_{3799} = +1132 \quad \text{(C\_38)} \quad (3382)$$

$$X_{3895} + X_{3896} + X_{3897} + X_{3898} + X_{3899} = +648 \quad \text{(C\_39)} \quad (3383)$$

$$X_{3995} + X_{3996} + X_{3997} + X_{3998} + X_{3999} = +407 \quad \text{(C\_40)} \quad (3384)$$

$$X_{4095} + X_{4096} + X_{4097} + X_{4098} + X_{4099} = +217 \quad \text{(C\_41)} \quad (3385)$$

$$X_{4195} + X_{4196} + X_{4197} + X_{4198} + X_{4199} = +663 \quad \text{(C\_42)} \quad (3386)$$

$$X_{4295} + X_{4296} + X_{4297} + X_{4298} + X_{4299} = +918 \quad \text{(C\_43)} \quad (3387)$$

$$X_{4395} + X_{4396} + X_{4397} + X_{4398} + X_{4399} = +290 \quad \text{(C\_44)} \quad (3388)$$

$$X_{4495} + X_{4496} + X_{4497} + X_{4498} + X_{4499} = +1289 \quad \text{(C\_45)} \quad (3389)$$

$$X_{4595} + X_{4596} + X_{4597} + X_{4598} + X_{4599} = +1480 \quad \text{(C\_46)} \quad (3390)$$

$$X_{4695} + X_{4696} + X_{4697} + X_{4698} + X_{4699} = +765 \quad \text{(C\_47)} \quad (3391)$$

$$X_{4795} + X_{4796} + X_{4797} + X_{4798} + X_{4799} = +459 \quad \text{(C\_48)} \quad (3392)$$

$$X_{4895} + X_{4896} + X_{4897} + X_{4898} + X_{4899} = +2596 \quad \text{(C\_49)} \quad (3393)$$

$$X_{4995} + X_{4996} + X_{4997} + X_{4998} + X_{4999} = +248 \quad \text{(C\_50)} \quad (3394)$$

$$X_{4900} = +877 \quad \text{(C\_51)} \quad (3395)$$

$$X_{4901} = +394 \quad \text{(C\_52)} \quad (3396)$$

$$X_{4902} = +11 \quad \text{(C\_53)} \quad (3397)$$

$$X_{4903} = +535 \quad \text{(C\_54)} \quad (3398)$$

$$X_{4904} = +182 \quad \text{(C\_55)} \quad (3399)$$

$$X_{4905} = +573 \quad \text{(C\_56)} \quad (3400)$$

$$X_{4906} = +136 \quad \text{(C\_57)} \quad (3401)$$

$$X_{4907} = +589 \quad \text{(C\_58)} \quad (3402)$$

$$X_{4908} = +571 \quad \text{(C\_59)} \quad (3403)$$

$$X_{4909} = +8 \quad \text{(C\_60)} \quad (3404)$$

$$X_{4810} + X_{4910} = +1925 \quad \text{(C\_61)} \quad (3405)$$

$$X_{4811} + X_{4911} = +112 \quad \text{(C\_62)} \quad (3406)$$

$$X_{4812} + X_{4912} = +64 \quad \text{(C\_63)} \quad (3407)$$

$$X_{4813} + X_{4913} = +528 \quad \text{(C\_64)} \quad (3408)$$

$$X_{4814} + X_{4914} = +19 \quad \text{(C\_65)} \quad (3409)$$

$$X_{4815} + X_{4915} = +1571 \quad \text{(C\_66)} \quad (3410)$$

$$X_{4816} + X_{4916} = +74 \quad \text{(C\_67)} \quad (3411)$$

$$X_{4817} + X_{4917} = +9 \quad \text{(C\_68)} \quad (3412)$$

$$X_{4818} + X_{4918} = +2 \quad \text{(C\_69)} \quad (3413)$$

$$X_{4819} + X_{4919} = +114 \quad \text{(C\_70)} \quad (3414)$$

$$X_{4820} + X_{4920} = +1 \quad \text{(C\_71)} \quad (3415)$$

$$X_{4821} + X_{4921} = +338 \quad \text{(C\_72)} \quad (3416)$$

$$X_{4822} + X_{4922} = +661 \quad \text{(C\_73)} \quad (3417)$$

$$X_{4823} + X_{4923} = +603 \quad \text{(C\_74)} \quad (3418)$$

$$X_{4824} + X_{4924} = +1274 \quad \text{(C\_75)} \quad (3419)$$

$$X_{4825} + X_{4925} = +6 \quad \text{(C\_76)} \quad (3420)$$

$$X_{4826} + X_{4926} = +2 \quad \text{(C\_77)} \quad (3421)$$

$$X_{4827} + X_{4927} = +544 \quad \text{(C\_78)} \quad (3422)$$

$$X_{4828} + X_{4928} = +1727 \quad \text{(C\_79)} \quad (3423)$$

$$X_{4829} + X_{4929} = +406 \quad \text{(C\_80)} \quad (3424)$$

$$X_{4830} + X_{4930} = +911 \quad \text{(C\_81)} \quad (3425)$$

$$X_{4831} + X_{4931} = +12 \quad \text{(C\_82)} \quad (3426)$$

$$X_{4832} + X_{4932} = +242 \quad \text{(C\_83)} \quad (3427)$$

$$X_{4833} + X_{4933} = +246 \quad \text{(C\_84)} \quad (3428)$$

$$X_{4834} + X_{4934} = +17 \quad \text{(C\_85)} \quad (3429)$$

$$X_{4835} + X_{4935} = +673 \quad \text{(C\_86)} \quad (3430)$$

$$X_{4836} + X_{4936} = +5 \quad \text{(C\_87)} \quad (3431)$$

$$X_{4837} + X_{4937} = +1097 \quad \text{(C\_88)} \quad (3432)$$

$$X_{4838} + X_{4938} = +3 \quad \text{(C\_89)} \quad (3433)$$

$$X_{4839} + X_{4939} = +2 \quad \text{(C\_90)} \quad (3434)$$

$$X_{4840} + X_{4940} = +708 \quad \text{(C\_91)} \quad (3435)$$

$$X_{4841} + X_{4941} = +2134 \quad \text{(C\_92)} \quad (3436)$$

$$X_{4842} + X_{4942} = +618 \quad \text{(C\_93)} \quad (3437)$$

$$X_{4843} + X_{4943} = +38 \quad \text{(C\_94)} \quad (3438)$$

$$X_{4844} + X_{4944} = +703 \quad \text{(C\_95)} \quad (3439)$$

$$X_{4845} + X_{4945} = +1663 \quad \text{(C\_96)} \quad (3440)$$

$$X_{4846} + X_{4946} = +1070 \quad \text{(C\_97)} \quad (3441)$$

$$X_{4847} + X_{4947} = +796 \quad \text{(C\_98)} \quad (3442)$$

$$X_{4848} + X_{4948} = +338 \quad \text{(C\_99)} \quad (3443)$$

$$X_{4849} + X_{4949} = +488 \quad \text{(C\_100)} \quad (3444)$$

$$X_{4850} + X_{4950} = +11 \quad \text{(C\_101)} \quad (3445)$$

$$X_{4851} + X_{4951} = +231 \quad \text{(C\_102)} \quad (3446)$$

$$X_{4852} + X_{4952} = +6 \quad \text{(C\_103)} \quad (3447)$$

$$X_{4853} + X_{4953} = +255 \quad \text{(C\_104)} \quad (3448)$$

$$X_{4854} + X_{4954} = +1422 \quad \text{(C\_105)} \quad (3449)$$

$$X_{4855} + X_{4955} = +1017 \quad \text{(C\_106)} \quad (3450)$$

$$X_{4856} + X_{4956} = +731 \quad \text{(C\_107)} \quad (3451)$$

$$X_{4857} + X_{4957} = +572 \quad \text{(C\_108)} \quad (3452)$$

$$X_{4858} + X_{4958} = +79 \quad \text{(C\_109)} \quad (3453)$$

$$X_{4859} + X_{4959} = +2 \quad \text{(C\_110)} \quad (3454)$$

$$X_{4860} + X_{4960} = +11 \quad \text{(C\_111)} \quad (3455)$$

$$X_{4861} + X_{4961} = +416 \quad \text{(C\_112)} \quad (3456)$$

$$X_{4862} + X_{4962} = +28 \quad \text{(C\_113)} \quad (3457)$$

$$X_{4863} + X_{4963} = +567 \quad \text{(C\_114)} \quad (3458)$$

$$X_{4864} + X_{4964} = +468 \quad \text{(C\_115)} \quad (3459)$$

$$X_{4865} + X_{4965} = +1678 \quad \text{(C\_116)} \quad (3460)$$

$$X_{4866} + X_{4966} = +9 \quad \text{(C\_117)} \quad (3461)$$

$$X_{4867} + X_{4967} = +192 \quad \text{(C\_118)} \quad (3462)$$
$$X_{4868} + X_{4968} = +295 \quad \text{(C\_119)} \quad (3463)$$
$$X_{4869} + X_{4969} = +8 \quad \text{(C\_120)} \quad (3464)$$
$$X_{4870} + X_{4970} = +1139 \quad \text{(C\_121)} \quad (3465)$$
$$X_{4871} + X_{4971} = +2145 \quad \text{(C\_122)} \quad (3466)$$
$$X_{4872} + X_{4972} = +546 \quad \text{(C\_123)} \quad (3467)$$
$$X_{4873} + X_{4973} = +1517 \quad \text{(C\_124)} \quad (3468)$$
$$X_{4874} + X_{4974} = +70 \quad \text{(C\_125)} \quad (3469)$$
$$X_{4875} + X_{4975} = +264 \quad \text{(C\_126)} \quad (3470)$$
$$X_{4876} + X_{4976} = +782 \quad \text{(C\_127)} \quad (3471)$$
$$X_{4877} + X_{4977} = +1561 \quad \text{(C\_128)} \quad (3472)$$
$$X_{4878} + X_{4978} = +3 \quad \text{(C\_129)} \quad (3473)$$
$$X_{4879} + X_{4979} = +515 \quad \text{(C\_130)} \quad (3474)$$
$$X_{4880} + X_{4980} = +3 \quad \text{(C\_131)} \quad (3475)$$
$$X_{4881} + X_{4981} = +509 \quad \text{(C\_132)} \quad (3476)$$
$$X_{4882} + X_{4982} = +339 \quad \text{(C\_133)} \quad (3477)$$
$$X_{4883} + X_{4983} = +441 \quad \text{(C\_134)} \quad (3478)$$
$$X_{4884} + X_{4984} = +48 \quad \text{(C\_135)} \quad (3479)$$
$$X_{4885} + X_{4985} = +14 \quad \text{(C\_136)} \quad (3480)$$
$$X_{4886} + X_{4986} = +5 \quad \text{(C\_137)} \quad (3481)$$
$$X_{4887} + X_{4987} = +421 \quad \text{(C\_138)} \quad (3482)$$
$$X_{4888} + X_{4988} = +245 \quad \text{(C\_139)} \quad (3483)$$
$$X_{4889} + X_{4989} = +506 \quad \text{(C\_140)} \quad (3484)$$
$$X_{4890} + X_{4990} = +12 \quad \text{(C\_141)} \quad (3485)$$
$$X_{4891} + X_{4991} = +312 \quad \text{(C\_142)} \quad (3486)$$
$$X_{4892} + X_{4992} = +8 \quad \text{(C\_143)} \quad (3487)$$
$$X_{4893} + X_{4993} = +691 \quad \text{(C\_144)} \quad (3488)$$
$$X_{4894} + X_{4994} = +15 \quad \text{(C\_145)} \quad (3489)$$
$$X_{4895} + X_{4995} = +427 \quad \text{(C\_146)} \quad (3490)$$
$$X_{4896} + X_{4996} = +547 \quad \text{(C\_147)} \quad (3491)$$
$$X_{4897} + X_{4997} = +1891 \quad \text{(C\_148)} \quad (3492)$$
$$X_{4898} + X_{4998} = +817 \quad \text{(C\_149)} \quad (3493)$$
$$X_{4899} + X_{4999} = +589 \quad \text{(C\_150)} \quad (3494)$$
(3495)

3.2 不等式约束 (5789 个)

$$X_0 - 654Y_0 \leq +0 \quad \text{(G0)} \quad (3496)$$
$$X_1 - 394Y_1 \leq +0 \quad \text{(G1)} \quad (3497)$$
$$X_2 - 11Y_2 \leq +0 \quad \text{(G2)} \quad (3498)$$
$$X_3 - 535Y_3 \leq +0 \quad \text{(G3)} \quad (3499)$$
$$X_4 - 182Y_4 \leq +0 \quad \text{(G4)} \quad (3500)$$

$$X_{5} - 573Y_{5} \leq +0 \quad \text{(G5)} \quad (3501)$$

$$X_{6} - 136Y_{6} \leq +0 \quad \text{(G6)} \quad (3502)$$

$$X_{7} - 589Y_{7} \leq +0 \quad \text{(G7)} \quad (3503)$$

$$X_{8} - 571Y_{8} \leq +0 \quad \text{(G8)} \quad (3504)$$

$$X_{9} - 8Y_{9} \leq +0 \quad \text{(G9)} \quad (3505)$$

$$X_{10} - 654Y_{10} \leq +0 \quad \text{(G10)} \quad (3506)$$

$$X_{11} - 112Y_{11} \leq +0 \quad \text{(G11)} \quad (3507)$$

$$X_{12} - 64Y_{12} \leq +0 \quad \text{(G12)} \quad (3508)$$

$$X_{13} - 528Y_{13} \leq +0 \quad \text{(G13)} \quad (3509)$$

$$X_{14} - 19Y_{14} \leq +0 \quad \text{(G14)} \quad (3510)$$

$$X_{15} - 654Y_{15} \leq +0 \quad \text{(G15)} \quad (3511)$$

$$X_{16} - 74Y_{16} \leq +0 \quad \text{(G16)} \quad (3512)$$

$$X_{17} - 9Y_{17} \leq +0 \quad \text{(G17)} \quad (3513)$$

$$X_{18} - 2Y_{18} \leq +0 \quad \text{(G18)} \quad (3514)$$

$$X_{19} - 114Y_{19} \leq +0 \quad \text{(G19)} \quad (3515)$$

$$X_{20} - Y_{20} \leq +0 \quad \text{(G20)} \quad (3516)$$

$$X_{21} - 338Y_{21} \leq +0 \quad \text{(G21)} \quad (3517)$$

$$X_{22} - 654Y_{22} \leq +0 \quad \text{(G22)} \quad (3518)$$

$$X_{23} - 603Y_{23} \leq +0 \quad \text{(G23)} \quad (3519)$$

$$X_{24} - 654Y_{24} \leq +0 \quad \text{(G24)} \quad (3520)$$

$$X_{25} - 6Y_{25} \leq +0 \quad \text{(G25)} \quad (3521)$$

$$X_{26} - 2Y_{26} \leq +0 \quad \text{(G26)} \quad (3522)$$

$$X_{27} - 544Y_{27} \leq +0 \quad \text{(G27)} \quad (3523)$$

$$X_{28} - 654Y_{28} \leq +0 \quad \text{(G28)} \quad (3524)$$

$$X_{29} - 406Y_{29} \leq +0 \quad \text{(G29)} \quad (3525)$$

$$X_{30} - 654Y_{30} \leq +0 \quad \text{(G30)} \quad (3526)$$

$$X_{31} - 12Y_{31} \leq +0 \quad \text{(G31)} \quad (3527)$$

$$X_{32} - 242Y_{32} \leq +0 \quad \text{(G32)} \quad (3528)$$

$$X_{33} - 246Y_{33} \leq +0 \quad \text{(G33)} \quad (3529)$$

$$X_{34} - 17Y_{34} \leq +0 \quad \text{(G34)} \quad (3530)$$

$$X_{35} - 654Y_{35} \leq +0 \quad \text{(G35)} \quad (3531)$$

$$X_{36} - 5Y_{36} \leq +0 \quad \text{(G36)} \quad (3532)$$

$$X_{37} - 654Y_{37} \leq +0 \quad \text{(G37)} \quad (3533)$$

$$X_{38} - 3Y_{38} \leq +0 \quad \text{(G38)} \quad (3534)$$

$$X_{39} - 2Y_{39} \leq +0 \quad \text{(G39)} \quad (3535)$$

$$X_{40} - 654Y_{40} \leq +0 \quad \text{(G40)} \quad (3536)$$

$$X_{41} - 654Y_{41} \leq +0 \quad \text{(G41)} \quad (3537)$$

$$X_{42} - 618Y_{42} \leq +0 \quad \text{(G42)} \quad (3538)$$

$$X_{43} - 38Y_{43} \leq +0 \quad \text{(G43)} \quad (3539)$$

$$X_{44} - 654Y_{44} \leq +0 \quad \text{(G44)} \quad (3540)$$

$$X_{45} - 654Y_{45} \leq +0 \quad \text{(G45)} \quad (3541)$$

$$X_{46} - 654Y_{46} \leq +0 \quad \text{(G46)} \quad (3542)$$

$$X_{47} - 654Y_{47} \leq +0 \quad \text{(G47)} \quad (3543)$$

$$X_{48} - 338Y_{48} \leq +0 \quad \text{(G48)} \quad (3544)$$

$$X_{49} - 488Y_{49} \leq +0 \quad \text{(G49)} \quad (3545)$$

$$X_{50} - 11Y_{50} \leq +0 \quad \text{(G50)} \quad (3546)$$

$$X_{51} - 231Y_{51} \leq +0 \quad \text{(G51)} \quad (3547)$$

$$X_{52} - 6Y_{52} \leq +0 \quad \text{(G52)} \quad (3548)$$

$$X_{53} - 255Y_{53} \leq +0 \quad \text{(G53)} \quad (3549)$$

$$X_{54} - 654Y_{54} \leq +0 \quad \text{(G54)} \quad (3550)$$

$$X_{55} - 654Y_{55} \leq +0 \quad \text{(G55)} \quad (3551)$$

$$X_{56} - 654Y_{56} \leq +0 \quad \text{(G56)} \quad (3552)$$

$$X_{57} - 572Y_{57} \leq +0 \quad \text{(G57)} \quad (3553)$$

$$X_{58} - 79Y_{58} \leq +0 \quad \text{(G58)} \quad (3554)$$

$$X_{59} - 2Y_{59} \leq +0 \quad \text{(G59)} \quad (3555)$$

$$X_{60} - 11Y_{60} \leq +0 \quad \text{(G60)} \quad (3556)$$

$$X_{61} - 416Y_{61} \leq +0 \quad \text{(G61)} \quad (3557)$$

$$X_{62} - 28Y_{62} \leq +0 \quad \text{(G62)} \quad (3558)$$

$$X_{63} - 567Y_{63} \leq +0 \quad \text{(G63)} \quad (3559)$$

$$X_{64} - 468Y_{64} \leq +0 \quad \text{(G64)} \quad (3560)$$

$$X_{65} - 654Y_{65} \leq +0 \quad \text{(G65)} \quad (3561)$$

$$X_{66} - 9Y_{66} \leq +0 \quad \text{(G66)} \quad (3562)$$

$$X_{67} - 192Y_{67} \leq +0 \quad \text{(G67)} \quad (3563)$$

$$X_{68} - 295Y_{68} \leq +0 \quad \text{(G68)} \quad (3564)$$

$$X_{69} - 8Y_{69} \leq +0 \quad \text{(G69)} \quad (3565)$$

$$X_{70} - 654Y_{70} \leq +0 \quad \text{(G70)} \quad (3566)$$

$$X_{71} - 654Y_{71} \leq +0 \quad \text{(G71)} \quad (3567)$$

$$X_{72} - 546Y_{72} \leq +0 \quad \text{(G72)} \quad (3568)$$

$$X_{73} - 654Y_{73} \leq +0 \quad \text{(G73)} \quad (3569)$$

$$X_{74} - 70Y_{74} \leq +0 \quad \text{(G74)} \quad (3570)$$

$$X_{75} - 264Y_{75} \leq +0 \quad \text{(G75)} \quad (3571)$$

$$X_{76} - 654Y_{76} \leq +0 \quad \text{(G76)} \quad (3572)$$

$$X_{77} - 654Y_{77} \leq +0 \quad \text{(G77)} \quad (3573)$$

$$X_{78} - 3Y_{78} \leq +0 \quad \text{(G78)} \quad (3574)$$

$$X_{79} - 515Y_{79} \leq +0 \quad \text{(G79)} \quad (3575)$$

$$X_{80} - 3Y_{80} \leq +0 \quad \text{(G80)} \quad (3576)$$

$$X_{81} - 509Y_{81} \leq +0 \quad \text{(G81)} \quad (3577)$$

$$X_{82} - 339Y_{82} \leq +0 \quad \text{(G82)} \quad (3578)$$

$$X_{83} - 441Y_{83} \leq +0 \quad \text{(G83)} \quad (3579)$$

$$X_{84} - 48Y_{84} \leq +0 \quad \text{(G84)} \quad (3580)$$

$$X_{85} - 14Y_{85} \leq +0 \quad \text{(G85)} \quad (3581)$$

$$X_{86} - 5Y_{86} \leq +0 \quad \text{(G86)} \quad (3582)$$

$$X_{87} - 421Y_{87} \leq +0 \quad \text{(G87)} \quad (3583)$$

$$X_{88} - 245Y_{88} \leq +0 \quad \text{(G88)} \quad (3584)$$

$$X_{89} - 506Y_{89} \leq +0 \quad \text{(G89)} \quad (3585)$$
$$X_{90} - 12Y_{90} \leq +0 \quad \text{(G90)} \quad (3586)$$
$$X_{91} - 312Y_{91} \leq +0 \quad \text{(G91)} \quad (3587)$$
$$X_{92} - 8Y_{92} \leq +0 \quad \text{(G92)} \quad (3588)$$
$$X_{93} - 654Y_{93} \leq +0 \quad \text{(G93)} \quad (3589)$$
$$X_{94} - 15Y_{94} \leq +0 \quad \text{(G94)} \quad (3590)$$
$$X_{95} - 427Y_{95} \leq +0 \quad \text{(G95)} \quad (3591)$$
$$X_{96} - 547Y_{96} \leq +0 \quad \text{(G96)} \quad (3592)$$
$$X_{97} - 654Y_{97} \leq +0 \quad \text{(G97)} \quad (3593)$$
$$X_{98} - 654Y_{98} \leq +0 \quad \text{(G98)} \quad (3594)$$
$$X_{99} - 589Y_{99} \leq +0 \quad \text{(G99)} \quad (3595)$$
$$X_{100} - 877Y_{100} \leq +0 \quad \text{(G100)} \quad (3596)$$
$$X_{101} - 394Y_{101} \leq +0 \quad \text{(G101)} \quad (3597)$$
$$X_{102} - 11Y_{102} \leq +0 \quad \text{(G102)} \quad (3598)$$
$$X_{103} - 535Y_{103} \leq +0 \quad \text{(G103)} \quad (3599)$$
$$X_{104} - 182Y_{104} \leq +0 \quad \text{(G104)} \quad (3600)$$
$$X_{105} - 573Y_{105} \leq +0 \quad \text{(G105)} \quad (3601)$$
$$X_{106} - 136Y_{106} \leq +0 \quad \text{(G106)} \quad (3602)$$
$$X_{107} - 589Y_{107} \leq +0 \quad \text{(G107)} \quad (3603)$$
$$X_{108} - 571Y_{108} \leq +0 \quad \text{(G108)} \quad (3604)$$
$$X_{109} - 8Y_{109} \leq +0 \quad \text{(G109)} \quad (3605)$$
$$X_{110} - 1122Y_{110} \leq +0 \quad \text{(G110)} \quad (3606)$$
$$X_{111} - 112Y_{111} \leq +0 \quad \text{(G111)} \quad (3607)$$
$$X_{112} - 64Y_{112} \leq +0 \quad \text{(G112)} \quad (3608)$$
$$X_{113} - 528Y_{113} \leq +0 \quad \text{(G113)} \quad (3609)$$
$$X_{114} - 19Y_{114} \leq +0 \quad \text{(G114)} \quad (3610)$$
$$X_{115} - 1122Y_{115} \leq +0 \quad \text{(G115)} \quad (3611)$$
$$X_{116} - 74Y_{116} \leq +0 \quad \text{(G116)} \quad (3612)$$
$$X_{117} - 9Y_{117} \leq +0 \quad \text{(G117)} \quad (3613)$$
$$X_{118} - 2Y_{118} \leq +0 \quad \text{(G118)} \quad (3614)$$
$$X_{119} - 114Y_{119} \leq +0 \quad \text{(G119)} \quad (3615)$$
$$X_{120} - Y_{120} \leq +0 \quad \text{(G120)} \quad (3616)$$
$$X_{121} - 338Y_{121} \leq +0 \quad \text{(G121)} \quad (3617)$$
$$X_{122} - 661Y_{122} \leq +0 \quad \text{(G122)} \quad (3618)$$
$$X_{123} - 603Y_{123} \leq +0 \quad \text{(G123)} \quad (3619)$$
$$X_{124} - 1122Y_{124} \leq +0 \quad \text{(G124)} \quad (3620)$$
$$X_{125} - 6Y_{125} \leq +0 \quad \text{(G125)} \quad (3621)$$
$$X_{126} - 2Y_{126} \leq +0 \quad \text{(G126)} \quad (3622)$$
$$X_{127} - 544Y_{127} \leq +0 \quad \text{(G127)} \quad (3623)$$
$$X_{128} - 1122Y_{128} \leq +0 \quad \text{(G128)} \quad (3624)$$
$$X_{129} - 406Y_{129} \leq +0 \quad \text{(G129)} \quad (3625)$$
$$X_{130} - 911Y_{130} \leq +0 \quad \text{(G130)} \quad (3626)$$

$$X_{131} - 12Y_{131} \leq +0 \quad \text{(G131)} \quad (3627)$$

$$X_{132} - 242Y_{132} \leq +0 \quad \text{(G132)} \quad (3628)$$

$$X_{133} - 246Y_{133} \leq +0 \quad \text{(G133)} \quad (3629)$$

$$X_{134} - 17Y_{134} \leq +0 \quad \text{(G134)} \quad (3630)$$

$$X_{135} - 673Y_{135} \leq +0 \quad \text{(G135)} \quad (3631)$$

$$X_{136} - 5Y_{136} \leq +0 \quad \text{(G136)} \quad (3632)$$

$$X_{137} - 1097Y_{137} \leq +0 \quad \text{(G137)} \quad (3633)$$

$$X_{138} - 3Y_{138} \leq +0 \quad \text{(G138)} \quad (3634)$$

$$X_{139} - 2Y_{139} \leq +0 \quad \text{(G139)} \quad (3635)$$

$$X_{140} - 708Y_{140} \leq +0 \quad \text{(G140)} \quad (3636)$$

$$X_{141} - 1122Y_{141} \leq +0 \quad \text{(G141)} \quad (3637)$$

$$X_{142} - 618Y_{142} \leq +0 \quad \text{(G142)} \quad (3638)$$

$$X_{143} - 38Y_{143} \leq +0 \quad \text{(G143)} \quad (3639)$$

$$X_{144} - 703Y_{144} \leq +0 \quad \text{(G144)} \quad (3640)$$

$$X_{145} - 1122Y_{145} \leq +0 \quad \text{(G145)} \quad (3641)$$

$$X_{146} - 1070Y_{146} \leq +0 \quad \text{(G146)} \quad (3642)$$

$$X_{147} - 796Y_{147} \leq +0 \quad \text{(G147)} \quad (3643)$$

$$X_{148} - 338Y_{148} \leq +0 \quad \text{(G148)} \quad (3644)$$

$$X_{149} - 488Y_{149} \leq +0 \quad \text{(G149)} \quad (3645)$$

$$X_{150} - 11Y_{150} \leq +0 \quad \text{(G150)} \quad (3646)$$

$$X_{151} - 231Y_{151} \leq +0 \quad \text{(G151)} \quad (3647)$$

$$X_{152} - 6Y_{152} \leq +0 \quad \text{(G152)} \quad (3648)$$

$$X_{153} - 255Y_{153} \leq +0 \quad \text{(G153)} \quad (3649)$$

$$X_{154} - 1122Y_{154} \leq +0 \quad \text{(G154)} \quad (3650)$$

$$X_{155} - 1017Y_{155} \leq +0 \quad \text{(G155)} \quad (3651)$$

$$X_{156} - 731Y_{156} \leq +0 \quad \text{(G156)} \quad (3652)$$

$$X_{157} - 572Y_{157} \leq +0 \quad \text{(G157)} \quad (3653)$$

$$X_{158} - 79Y_{158} \leq +0 \quad \text{(G158)} \quad (3654)$$

$$X_{159} - 2Y_{159} \leq +0 \quad \text{(G159)} \quad (3655)$$

$$X_{160} - 11Y_{160} \leq +0 \quad \text{(G160)} \quad (3656)$$

$$X_{161} - 416Y_{161} \leq +0 \quad \text{(G161)} \quad (3657)$$

$$X_{162} - 28Y_{162} \leq +0 \quad \text{(G162)} \quad (3658)$$

$$X_{163} - 567Y_{163} \leq +0 \quad \text{(G163)} \quad (3659)$$

$$X_{164} - 468Y_{164} \leq +0 \quad \text{(G164)} \quad (3660)$$

$$X_{165} - 1122Y_{165} \leq +0 \quad \text{(G165)} \quad (3661)$$

$$X_{166} - 9Y_{166} \leq +0 \quad \text{(G166)} \quad (3662)$$

$$X_{167} - 192Y_{167} \leq +0 \quad \text{(G167)} \quad (3663)$$

$$X_{168} - 295Y_{168} \leq +0 \quad \text{(G168)} \quad (3664)$$

$$X_{169} - 8Y_{169} \leq +0 \quad \text{(G169)} \quad (3665)$$

$$X_{170} - 1122Y_{170} \leq +0 \quad \text{(G170)} \quad (3666)$$

$$X_{171} - 1122Y_{171} \leq +0 \quad \text{(G171)} \quad (3667)$$

$$X_{172} - 546Y_{172} \leq +0 \quad \text{(G172)} \quad (3668)$$

$$X_{173} - 1122Y_{173} \leq +0 \quad \text{(G173)} \quad (3669)$$

$$X_{174} - 70Y_{174} \leq +0 \quad \text{(G174)} \quad (3670)$$

$$X_{175} - 264Y_{175} \leq +0 \quad \text{(G175)} \quad (3671)$$

$$X_{176} - 782Y_{176} \leq +0 \quad \text{(G176)} \quad (3672)$$

$$X_{177} - 1122Y_{177} \leq +0 \quad \text{(G177)} \quad (3673)$$

$$X_{178} - 3Y_{178} \leq +0 \quad \text{(G178)} \quad (3674)$$

$$X_{179} - 515Y_{179} \leq +0 \quad \text{(G179)} \quad (3675)$$

$$X_{180} - 3Y_{180} \leq +0 \quad \text{(G180)} \quad (3676)$$

$$X_{181} - 509Y_{181} \leq +0 \quad \text{(G181)} \quad (3677)$$

$$X_{182} - 339Y_{182} \leq +0 \quad \text{(G182)} \quad (3678)$$

$$X_{183} - 441Y_{183} \leq +0 \quad \text{(G183)} \quad (3679)$$

$$X_{184} - 48Y_{184} \leq +0 \quad \text{(G184)} \quad (3680)$$

$$X_{185} - 14Y_{185} \leq +0 \quad \text{(G185)} \quad (3681)$$

$$X_{186} - 5Y_{186} \leq +0 \quad \text{(G186)} \quad (3682)$$

$$X_{187} - 421Y_{187} \leq +0 \quad \text{(G187)} \quad (3683)$$

$$X_{188} - 245Y_{188} \leq +0 \quad \text{(G188)} \quad (3684)$$

$$X_{189} - 506Y_{189} \leq +0 \quad \text{(G189)} \quad (3685)$$

$$X_{190} - 12Y_{190} \leq +0 \quad \text{(G190)} \quad (3686)$$

$$X_{191} - 312Y_{191} \leq +0 \quad \text{(G191)} \quad (3687)$$

$$X_{192} - 8Y_{192} \leq +0 \quad \text{(G192)} \quad (3688)$$

$$X_{193} - 691Y_{193} \leq +0 \quad \text{(G193)} \quad (3689)$$

$$X_{194} - 15Y_{194} \leq +0 \quad \text{(G194)} \quad (3690)$$

$$X_{195} - 427Y_{195} \leq +0 \quad \text{(G195)} \quad (3691)$$

$$X_{196} - 547Y_{196} \leq +0 \quad \text{(G196)} \quad (3692)$$

$$X_{197} - 1122Y_{197} \leq +0 \quad \text{(G197)} \quad (3693)$$

$$X_{198} - 817Y_{198} \leq +0 \quad \text{(G198)} \quad (3694)$$

$$X_{199} - 589Y_{199} \leq +0 \quad \text{(G199)} \quad (3695)$$

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$$X_{201} - 394Y_{201} \leq +0 \quad \text{(G201)} \quad (3697)$$

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$$X_{204} - 182Y_{204} \leq +0 \quad \text{(G204)} \quad (3700)$$

$$X_{205} - 573Y_{205} \leq +0 \quad \text{(G205)} \quad (3701)$$

$$X_{206} - 136Y_{206} \leq +0 \quad \text{(G206)} \quad (3702)$$

$$X_{207} - 589Y_{207} \leq +0 \quad \text{(G207)} \quad (3703)$$

$$X_{208} - 571Y_{208} \leq +0 \quad \text{(G208)} \quad (3704)$$

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$$X_{255} - 615Y_{255} \leq +0 \quad \text{(G255)} \quad (3751)$$
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$$X_{277} - 615Y_{277} \leq +0 \quad \text{(G277)} \quad (3773)$$

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$$X_{437} - 457Y_{437} \leq +0 \quad \text{(G437)} \quad (3933)$$
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$$X_{439} - 2Y_{439} \leq +0 \quad \text{(G439)} \quad (3935)$$
$$X_{440} - 457Y_{440} \leq +0 \quad \text{(G440)} \quad (3936)$$
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$$X_{442} - 457Y_{442} \leq +0 \quad \text{(G442)} \quad (3938)$$
$$X_{443} - 38Y_{443} \leq +0 \quad \text{(G443)} \quad (3939)$$
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$$X_{448} - 338Y_{448} \leq +0 \quad \text{(G448)} \quad (3944)$$
$$X_{449} - 457Y_{449} \leq +0 \quad \text{(G449)} \quad (3945)$$
$$X_{450} - 11Y_{450} \leq +0 \quad \text{(G450)} \quad (3946)$$
$$X_{451} - 231Y_{451} \leq +0 \quad \text{(G451)} \quad (3947)$$
$$X_{452} - 6Y_{452} \leq +0 \quad \text{(G452)} \quad (3948)$$
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$$X_{457} - 457Y_{457} \leq +0 \quad \text{(G457)} \quad (3953)$$
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$$X_{459} - 2Y_{459} \leq +0 \quad \text{(G459)} \quad (3955)$$
$$X_{460} - 11Y_{460} \leq +0 \quad \text{(G460)} \quad (3956)$$
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$$X_{469} - 8Y_{469} \leq +0 \quad \text{(G469)} \quad (3965)$$

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$$X_{694} - 15Y_{694} \leq +0 \quad \text{(G694)} \quad (4190)$$
$$X_{695} - 427Y_{695} \leq +0 \quad \text{(G695)} \quad (4191)$$
$$X_{696} - 473Y_{696} \leq +0 \quad \text{(G696)} \quad (4192)$$
$$X_{697} - 473Y_{697} \leq +0 \quad \text{(G697)} \quad (4193)$$
$$X_{698} - 473Y_{698} \leq +0 \quad \text{(G698)} \quad (4194)$$
$$X_{699} - 473Y_{699} \leq +0 \quad \text{(G699)} \quad (4195)$$
$$X_{700} - 703Y_{700} \leq +0 \quad \text{(G700)} \quad (4196)$$
$$X_{701} - 394Y_{701} \leq +0 \quad \text{(G701)} \quad (4197)$$
$$X_{702} - 11Y_{702} \leq +0 \quad \text{(G702)} \quad (4198)$$
$$X_{703} - 535Y_{703} \leq +0 \quad \text{(G703)} \quad (4199)$$
$$X_{704} - 182Y_{704} \leq +0 \quad \text{(G704)} \quad (4200)$$
$$X_{705} - 573Y_{705} \leq +0 \quad \text{(G705)} \quad (4201)$$
$$X_{706} - 136Y_{706} \leq +0 \quad \text{(G706)} \quad (4202)$$
$$X_{707} - 589Y_{707} \leq +0 \quad \text{(G707)} \quad (4203)$$
$$X_{708} - 571Y_{708} \leq +0 \quad \text{(G708)} \quad (4204)$$
$$X_{709} - 8Y_{709} \leq +0 \quad \text{(G709)} \quad (4205)$$
$$X_{710} - 703Y_{710} \leq +0 \quad \text{(G710)} \quad (4206)$$
$$X_{711} - 112Y_{711} \leq +0 \quad \text{(G711)} \quad (4207)$$
$$X_{712} - 64Y_{712} \leq +0 \quad \text{(G712)} \quad (4208)$$
$$X_{713} - 528Y_{713} \leq +0 \quad \text{(G713)} \quad (4209)$$
$$X_{714} - 19Y_{714} \leq +0 \quad \text{(G714)} \quad (4210)$$
$$X_{715} - 703Y_{715} \leq +0 \quad \text{(G715)} \quad (4211)$$
$$X_{716} - 74Y_{716} \leq +0 \quad \text{(G716)} \quad (4212)$$
$$X_{717} - 9Y_{717} \leq +0 \quad \text{(G717)} \quad (4213)$$
$$X_{718} - 2Y_{718} \leq +0 \quad \text{(G718)} \quad (4214)$$

$$X_{719} - 114Y_{719} \leq +0 \quad \text{(G719)} \quad (4215)$$
$$X_{720} - Y_{720} \leq +0 \quad \text{(G720)} \quad (4216)$$
$$X_{721} - 338Y_{721} \leq +0 \quad \text{(G721)} \quad (4217)$$
$$X_{722} - 661Y_{722} \leq +0 \quad \text{(G722)} \quad (4218)$$
$$X_{723} - 603Y_{723} \leq +0 \quad \text{(G723)} \quad (4219)$$
$$X_{724} - 703Y_{724} \leq +0 \quad \text{(G724)} \quad (4220)$$
$$X_{725} - 6Y_{725} \leq +0 \quad \text{(G725)} \quad (4221)$$
$$X_{726} - 2Y_{726} \leq +0 \quad \text{(G726)} \quad (4222)$$
$$X_{727} - 544Y_{727} \leq +0 \quad \text{(G727)} \quad (4223)$$
$$X_{728} - 703Y_{728} \leq +0 \quad \text{(G728)} \quad (4224)$$
$$X_{729} - 406Y_{729} \leq +0 \quad \text{(G729)} \quad (4225)$$
$$X_{730} - 703Y_{730} \leq +0 \quad \text{(G730)} \quad (4226)$$
$$X_{731} - 12Y_{731} \leq +0 \quad \text{(G731)} \quad (4227)$$
$$X_{732} - 242Y_{732} \leq +0 \quad \text{(G732)} \quad (4228)$$
$$X_{733} - 246Y_{733} \leq +0 \quad \text{(G733)} \quad (4229)$$
$$X_{734} - 17Y_{734} \leq +0 \quad \text{(G734)} \quad (4230)$$
$$X_{735} - 673Y_{735} \leq +0 \quad \text{(G735)} \quad (4231)$$
$$X_{736} - 5Y_{736} \leq +0 \quad \text{(G736)} \quad (4232)$$
$$X_{737} - 703Y_{737} \leq +0 \quad \text{(G737)} \quad (4233)$$
$$X_{738} - 3Y_{738} \leq +0 \quad \text{(G738)} \quad (4234)$$
$$X_{739} - 2Y_{739} \leq +0 \quad \text{(G739)} \quad (4235)$$
$$X_{740} - 703Y_{740} \leq +0 \quad \text{(G740)} \quad (4236)$$
$$X_{741} - 703Y_{741} \leq +0 \quad \text{(G741)} \quad (4237)$$
$$X_{742} - 618Y_{742} \leq +0 \quad \text{(G742)} \quad (4238)$$
$$X_{743} - 38Y_{743} \leq +0 \quad \text{(G743)} \quad (4239)$$
$$X_{744} - 703Y_{744} \leq +0 \quad \text{(G744)} \quad (4240)$$
$$X_{745} - 703Y_{745} \leq +0 \quad \text{(G745)} \quad (4241)$$
$$X_{746} - 703Y_{746} \leq +0 \quad \text{(G746)} \quad (4242)$$
$$X_{747} - 703Y_{747} \leq +0 \quad \text{(G747)} \quad (4243)$$
$$X_{748} - 338Y_{748} \leq +0 \quad \text{(G748)} \quad (4244)$$
$$X_{749} - 488Y_{749} \leq +0 \quad \text{(G749)} \quad (4245)$$
$$X_{750} - 11Y_{750} \leq +0 \quad \text{(G750)} \quad (4246)$$
$$X_{751} - 231Y_{751} \leq +0 \quad \text{(G751)} \quad (4247)$$
$$X_{752} - 6Y_{752} \leq +0 \quad \text{(G752)} \quad (4248)$$
$$X_{753} - 255Y_{753} \leq +0 \quad \text{(G753)} \quad (4249)$$
$$X_{754} - 703Y_{754} \leq +0 \quad \text{(G754)} \quad (4250)$$
$$X_{755} - 703Y_{755} \leq +0 \quad \text{(G755)} \quad (4251)$$
$$X_{756} - 703Y_{756} \leq +0 \quad \text{(G756)} \quad (4252)$$
$$X_{757} - 572Y_{757} \leq +0 \quad \text{(G757)} \quad (4253)$$
$$X_{758} - 79Y_{758} \leq +0 \quad \text{(G758)} \quad (4254)$$
$$X_{759} - 2Y_{759} \leq +0 \quad \text{(G759)} \quad (4255)$$
$$X_{760} - 11Y_{760} \leq +0 \quad \text{(G760)} \quad (4256)$$

$$X_{761} - 416Y_{761} \leq +0 \quad \text{(G761)} \quad (4257)$$

$$X_{762} - 28Y_{762} \leq +0 \quad \text{(G762)} \quad (4258)$$

$$X_{763} - 567Y_{763} \leq +0 \quad \text{(G763)} \quad (4259)$$

$$X_{764} - 468Y_{764} \leq +0 \quad \text{(G764)} \quad (4260)$$

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$$X_{766} - 9Y_{766} \leq +0 \quad \text{(G766)} \quad (4262)$$

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$$X_{768} - 295Y_{768} \leq +0 \quad \text{(G768)} \quad (4264)$$

$$X_{769} - 8Y_{769} \leq +0 \quad \text{(G769)} \quad (4265)$$

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$$X_{771} - 703Y_{771} \leq +0 \quad \text{(G771)} \quad (4267)$$

$$X_{772} - 546Y_{772} \leq +0 \quad \text{(G772)} \quad (4268)$$

$$X_{773} - 703Y_{773} \leq +0 \quad \text{(G773)} \quad (4269)$$

$$X_{774} - 70Y_{774} \leq +0 \quad \text{(G774)} \quad (4270)$$

$$X_{775} - 264Y_{775} \leq +0 \quad \text{(G775)} \quad (4271)$$

$$X_{776} - 703Y_{776} \leq +0 \quad \text{(G776)} \quad (4272)$$

$$X_{777} - 703Y_{777} \leq +0 \quad \text{(G777)} \quad (4273)$$

$$X_{778} - 3Y_{778} \leq +0 \quad \text{(G778)} \quad (4274)$$

$$X_{779} - 515Y_{779} \leq +0 \quad \text{(G779)} \quad (4275)$$

$$X_{780} - 3Y_{780} \leq +0 \quad \text{(G780)} \quad (4276)$$

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$$X_{782} - 339Y_{782} \leq +0 \quad \text{(G782)} \quad (4278)$$

$$X_{783} - 441Y_{783} \leq +0 \quad \text{(G783)} \quad (4279)$$

$$X_{784} - 48Y_{784} \leq +0 \quad \text{(G784)} \quad (4280)$$

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$$X_{786} - 5Y_{786} \leq +0 \quad \text{(G786)} \quad (4282)$$

$$X_{787} - 421Y_{787} \leq +0 \quad \text{(G787)} \quad (4283)$$

$$X_{788} - 245Y_{788} \leq +0 \quad \text{(G788)} \quad (4284)$$

$$X_{789} - 506Y_{789} \leq +0 \quad \text{(G789)} \quad (4285)$$

$$X_{790} - 12Y_{790} \leq +0 \quad \text{(G790)} \quad (4286)$$

$$X_{791} - 312Y_{791} \leq +0 \quad \text{(G791)} \quad (4287)$$

$$X_{792} - 8Y_{792} \leq +0 \quad \text{(G792)} \quad (4288)$$

$$X_{793} - 691Y_{793} \leq +0 \quad \text{(G793)} \quad (4289)$$

$$X_{794} - 15Y_{794} \leq +0 \quad \text{(G794)} \quad (4290)$$

$$X_{795} - 427Y_{795} \leq +0 \quad \text{(G795)} \quad (4291)$$

$$X_{796} - 547Y_{796} \leq +0 \quad \text{(G796)} \quad (4292)$$

$$X_{797} - 703Y_{797} \leq +0 \quad \text{(G797)} \quad (4293)$$

$$X_{798} - 703Y_{798} \leq +0 \quad \text{(G798)} \quad (4294)$$

$$X_{799} - 589Y_{799} \leq +0 \quad \text{(G799)} \quad (4295)$$

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$$X_{805} - 573Y_{805} \leq +0 \quad \text{(G805)} \quad (4301)$$
$$X_{806} - 136Y_{806} \leq +0 \quad \text{(G806)} \quad (4302)$$
$$X_{807} - 589Y_{807} \leq +0 \quad \text{(G807)} \quad (4303)$$
$$X_{808} - 571Y_{808} \leq +0 \quad \text{(G808)} \quad (4304)$$
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$$X_{811} - 112Y_{811} \leq +0 \quad \text{(G811)} \quad (4307)$$
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$$X_{813} - 528Y_{813} \leq +0 \quad \text{(G813)} \quad (4309)$$
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$$X_{818} - 2Y_{818} \leq +0 \quad \text{(G818)} \quad (4314)$$
$$X_{819} - 114Y_{819} \leq +0 \quad \text{(G819)} \quad (4315)$$
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$$X_{821} - 338Y_{821} \leq +0 \quad \text{(G821)} \quad (4317)$$
$$X_{822} - 661Y_{822} \leq +0 \quad \text{(G822)} \quad (4318)$$
$$X_{823} - 603Y_{823} \leq +0 \quad \text{(G823)} \quad (4319)$$
$$X_{824} - 925Y_{824} \leq +0 \quad \text{(G824)} \quad (4320)$$
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$$X_{826} - 2Y_{826} \leq +0 \quad \text{(G826)} \quad (4322)$$
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$$X_{828} - 925Y_{828} \leq +0 \quad \text{(G828)} \quad (4324)$$
$$X_{829} - 406Y_{829} \leq +0 \quad \text{(G829)} \quad (4325)$$
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$$X_{831} - 12Y_{831} \leq +0 \quad \text{(G831)} \quad (4327)$$
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$$X_{833} - 246Y_{833} \leq +0 \quad \text{(G833)} \quad (4329)$$
$$X_{834} - 17Y_{834} \leq +0 \quad \text{(G834)} \quad (4330)$$
$$X_{835} - 673Y_{835} \leq +0 \quad \text{(G835)} \quad (4331)$$
$$X_{836} - 5Y_{836} \leq +0 \quad \text{(G836)} \quad (4332)$$
$$X_{837} - 925Y_{837} \leq +0 \quad \text{(G837)} \quad (4333)$$
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$$X_{839} - 2Y_{839} \leq +0 \quad \text{(G839)} \quad (4335)$$
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$$X_{843} - 38Y_{843} \leq +0 \quad \text{(G843)} \quad (4339)$$
$$X_{844} - 703Y_{844} \leq +0 \quad \text{(G844)} \quad (4340)$$

$$X_{845} - 925Y_{845} \leq +0 \quad \text{(G845)} \quad (4341)$$

$$X_{846} - 925Y_{846} \leq +0 \quad \text{(G846)} \quad (4342)$$

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$$X_{854} - 925Y_{854} \leq +0 \quad \text{(G854)} \quad (4350)$$

$$X_{855} - 925Y_{855} \leq +0 \quad \text{(G855)} \quad (4351)$$

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$$X_{871} - 925Y_{871} \leq +0 \quad \text{(G871)} \quad (4367)$$

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$$X_{925} - 6Y_{925} \leq +0 \quad \text{(G925)} \quad (4421)$$

$$X_{926} - 2Y_{926} \leq +0 \quad \text{(G926)} \quad (4422)$$

$$X_{927} - 544Y_{927} \leq +0 \quad \text{(G927)} \quad (4423)$$

$$X_{928} - 593Y_{928} \leq +0 \quad \text{(G928)} \quad (4424)$$

$$X_{929} - 406Y_{929} \leq +0 \quad \text{(G929)} \quad (4425)$$

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$$X_{932} - 242Y_{932} \leq +0 \quad \text{(G932)} \quad (4428)$$

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$$X_{934} - 17Y_{934} \leq +0 \quad \text{(G934)} \quad (4430)$$

$$X_{935} - 593Y_{935} \leq +0 \quad \text{(G935)} \quad (4431)$$

$$X_{936} - 5Y_{936} \leq +0 \quad \text{(G936)} \quad (4432)$$

$$X_{937} - 593Y_{937} \leq +0 \quad \text{(G937)} \quad (4433)$$

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$$X_{939} - 2Y_{939} \leq +0 \quad \text{(G939)} \quad (4435)$$

$$X_{940} - 593Y_{940} \leq +0 \quad \text{(G940)} \quad (4436)$$

$$X_{941} - 593Y_{941} \leq +0 \quad \text{(G941)} \quad (4437)$$

$$X_{942} - 593Y_{942} \leq +0 \quad \text{(G942)} \quad (4438)$$

$$X_{943} - 38Y_{943} \leq +0 \quad \text{(G943)} \quad (4439)$$

$$X_{944} - 593Y_{944} \leq +0 \quad \text{(G944)} \quad (4440)$$

$$X_{945} - 593Y_{945} \leq +0 \quad \text{(G945)} \quad (4441)$$

$$X_{946} - 593Y_{946} \leq +0 \quad \text{(G946)} \quad (4442)$$

$$X_{947} - 593Y_{947} \leq +0 \quad \text{(G947)} \quad (4443)$$

$$X_{948} - 338Y_{948} \leq +0 \quad \text{(G948)} \quad (4444)$$

$$X_{949} - 488Y_{949} \leq +0 \quad \text{(G949)} \quad (4445)$$

$$X_{950} - 11Y_{950} \leq +0 \quad \text{(G950)} \quad (4446)$$

$$X_{951} - 231Y_{951} \leq +0 \quad \text{(G951)} \quad (4447)$$

$$X_{952} - 6Y_{952} \leq +0 \quad \text{(G952)} \quad (4448)$$

$$X_{953} - 255Y_{953} \leq +0 \quad \text{(G953)} \quad (4449)$$

$$X_{954} - 593Y_{954} \leq +0 \quad \text{(G954)} \quad (4450)$$

$$X_{955} - 593Y_{955} \leq +0 \quad \text{(G955)} \quad (4451)$$

$$X_{956} - 593Y_{956} \leq +0 \quad \text{(G956)} \quad (4452)$$

$$X_{957} - 572Y_{957} \leq +0 \quad \text{(G957)} \quad (4453)$$

$$X_{958} - 79Y_{958} \leq +0 \quad \text{(G958)} \quad (4454)$$

$$X_{959} - 2Y_{959} \leq +0 \quad \text{(G959)} \quad (4455)$$

$$X_{960} - 11Y_{960} \leq +0 \quad \text{(G960)} \quad (4456)$$

$$X_{961} - 416Y_{961} \leq +0 \quad \text{(G961)} \quad (4457)$$

$$X_{962} - 28Y_{962} \leq +0 \quad \text{(G962)} \quad (4458)$$

$$X_{963} - 567Y_{963} \leq +0 \quad \text{(G963)} \quad (4459)$$

$$X_{964} - 468Y_{964} \leq +0 \quad \text{(G964)} \quad (4460)$$

$$X_{965} - 593Y_{965} \leq +0 \quad \text{(G965)} \quad (4461)$$

$$X_{966} - 9Y_{966} \leq +0 \quad \text{(G966)} \quad (4462)$$

$$X_{967} - 192Y_{967} \leq +0 \quad \text{(G967)} \quad (4463)$$

$$X_{968} - 295Y_{968} \leq +0 \quad \text{(G968)} \quad (4464)$$

$$X_{969} - 8Y_{969} \leq +0 \quad \text{(G969)} \quad (4465)$$

$$X_{970} - 593Y_{970} \leq +0 \quad \text{(G970)} \quad (4466)$$

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$$X_{973} - 593Y_{973} \leq +0 \quad \text{(G973)} \quad (4469)$$
$$X_{974} - 70Y_{974} \leq +0 \quad \text{(G974)} \quad (4470)$$
$$X_{975} - 264Y_{975} \leq +0 \quad \text{(G975)} \quad (4471)$$
$$X_{976} - 593Y_{976} \leq +0 \quad \text{(G976)} \quad (4472)$$
$$X_{977} - 593Y_{977} \leq +0 \quad \text{(G977)} \quad (4473)$$
$$X_{978} - 3Y_{978} \leq +0 \quad \text{(G978)} \quad (4474)$$
$$X_{979} - 515Y_{979} \leq +0 \quad \text{(G979)} \quad (4475)$$
$$X_{980} - 3Y_{980} \leq +0 \quad \text{(G980)} \quad (4476)$$
$$X_{981} - 509Y_{981} \leq +0 \quad \text{(G981)} \quad (4477)$$
$$X_{982} - 339Y_{982} \leq +0 \quad \text{(G982)} \quad (4478)$$
$$X_{983} - 441Y_{983} \leq +0 \quad \text{(G983)} \quad (4479)$$
$$X_{984} - 48Y_{984} \leq +0 \quad \text{(G984)} \quad (4480)$$
$$X_{985} - 14Y_{985} \leq +0 \quad \text{(G985)} \quad (4481)$$
$$X_{986} - 5Y_{986} \leq +0 \quad \text{(G986)} \quad (4482)$$
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$$X_{991} - 312Y_{991} \leq +0 \quad \text{(G991)} \quad (4487)$$
$$X_{992} - 8Y_{992} \leq +0 \quad \text{(G992)} \quad (4488)$$
$$X_{993} - 593Y_{993} \leq +0 \quad \text{(G993)} \quad (4489)$$
$$X_{994} - 15Y_{994} \leq +0 \quad \text{(G994)} \quad (4490)$$
$$X_{995} - 427Y_{995} \leq +0 \quad \text{(G995)} \quad (4491)$$
$$X_{996} - 547Y_{996} \leq +0 \quad \text{(G996)} \quad (4492)$$
$$X_{997} - 593Y_{997} \leq +0 \quad \text{(G997)} \quad (4493)$$
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$$X_{1000} - 697Y_{1000} \leq +0 \quad \text{(G1000)} \quad (4496)$$
$$X_{1001} - 394Y_{1001} \leq +0 \quad \text{(G1001)} \quad (4497)$$
$$X_{1002} - 11Y_{1002} \leq +0 \quad \text{(G1002)} \quad (4498)$$
$$X_{1003} - 535Y_{1003} \leq +0 \quad \text{(G1003)} \quad (4499)$$
$$X_{1004} - 182Y_{1004} \leq +0 \quad \text{(G1004)} \quad (4500)$$
$$X_{1005} - 573Y_{1005} \leq +0 \quad \text{(G1005)} \quad (4501)$$
$$X_{1006} - 136Y_{1006} \leq +0 \quad \text{(G1006)} \quad (4502)$$
$$X_{1007} - 589Y_{1007} \leq +0 \quad \text{(G1007)} \quad (4503)$$
$$X_{1008} - 571Y_{1008} \leq +0 \quad \text{(G1008)} \quad (4504)$$
$$X_{1009} - 8Y_{1009} \leq +0 \quad \text{(G1009)} \quad (4505)$$
$$X_{1010} - 697Y_{1010} \leq +0 \quad \text{(G1010)} \quad (4506)$$
$$X_{1011} - 112Y_{1011} \leq +0 \quad \text{(G1011)} \quad (4507)$$
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$$X_{1018} - 2Y_{1018} \leq +0 \quad \text{(G1018)} \quad (4514)$$

$$X_{1019} - 114Y_{1019} \leq +0 \quad \text{(G1019)} \quad (4515)$$

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$$X_{1045} - 697Y_{1045} \leq +0 \quad \text{(G1045)} \quad (4541)$$

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$$X_{1055} - 697Y_{1055} \leq +0 \quad \text{(G1055)} \quad (4551)$$

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$$X_{1077} - 697Y_{1077} \leq +0 \quad \text{(G1077)} \quad (4573)$$

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$$X_{1101} - 394Y_{1101} \leq +0 \quad \text{(G1101)} \quad (4597)$$

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$$X_{1109} - 8Y_{1109} \leq +0 \quad \text{(G1109)} \quad (4605)$$

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$$X_{1118} - 2Y_{1118} \leq +0 \quad \text{(G1118)} \quad (4614)$$

$$X_{1119} - 114Y_{1119} \leq +0 \quad \text{(G1119)} \quad (4615)$$

$$X_{1120} - Y_{1120} \leq +0 \quad \text{(G1120)} \quad (4616)$$

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$$X_{1122} - 568Y_{1122} \leq +0 \quad \text{(G1122)} \quad (4618)$$

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$$X_{1155} - 568Y_{1155} \leq +0 \quad \text{(G1155)} \quad (4651)$$

$$X_{1156} - 568Y_{1156} \leq +0 \quad \text{(G1156)} \quad (4652)$$

$$X_{1157} - 568Y_{1157} \leq +0 \quad \text{(G1157)} \quad (4653)$$

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$$X_{1177} - 568Y_{1177} \leq +0 \quad \text{(G1177)} \quad (4673)$$

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$$X_{1182} - 339Y_{1182} \leq +0 \quad \text{(G1182)} \quad (4678)$$

$$X_{1183} - 441Y_{1183} \leq +0 \quad \text{(G1183)} \quad (4679)$$

$$X_{1184} - 48Y_{1184} \leq +0 \quad \text{(G1184)} \quad (4680)$$

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$$X_{1186} - 5Y_{1186} \leq +0 \quad \text{(G1186)} \quad (4682)$$

$$X_{1187} - 421Y_{1187} \leq +0 \quad \text{(G1187)} \quad (4683)$$

$$X_{1188} - 245Y_{1188} \leq +0 \quad \text{(G1188)} \quad (4684)$$

$$X_{1189} - 506Y_{1189} \leq +0 \quad \text{(G1189)} \quad (4685)$$

$$X_{1190} - 12Y_{1190} \leq +0 \quad \text{(G1190)} \quad (4686)$$

$$X_{1191} - 312Y_{1191} \leq +0 \quad \text{(G1191)} \quad (4687)$$

$$X_{1192} - 8Y_{1192} \leq +0 \quad \text{(G1192)} \quad (4688)$$

$$X_{1193} - 568Y_{1193} \leq +0 \quad \text{(G1193)} \quad (4689)$$

$$X_{1194} - 15Y_{1194} \leq +0 \quad \text{(G1194)} \quad (4690)$$

$$X_{1195} - 427Y_{1195} \leq +0 \quad \text{(G1195)} \quad (4691)$$

$$X_{1196} - 547Y_{1196} \leq +0 \quad \text{(G1196)} \quad (4692)$$

$$X_{1197} - 568Y_{1197} \leq +0 \quad \text{(G1197)} \quad (4693)$$

$$X_{1198} - 568Y_{1198} \leq +0 \quad \text{(G1198)} \quad (4694)$$

$$X_{1199} - 568Y_{1199} \leq +0 \quad \text{(G1199)} \quad (4695)$$

$$X_{1200} - 877Y_{1200} \leq +0 \quad \text{(G1200)} \quad (4696)$$

$$X_{1201} - 394Y_{1201} \leq +0 \quad \text{(G1201)} \quad (4697)$$

$$X_{1202} - 11Y_{1202} \leq +0 \quad \text{(G1202)} \quad (4698)$$

$$X_{1203} - 535Y_{1203} \leq +0 \quad \text{(G1203)} \quad (4699)$$

$$X_{1204} - 182Y_{1204} \leq +0 \quad \text{(G1204)} \quad (4700)$$

$$X_{1205} - 573Y_{1205} \leq +0 \quad \text{(G1205)} \quad (4701)$$

$$X_{1206} - 136Y_{1206} \leq +0 \quad \text{(G1206)} \quad (4702)$$

$$X_{1207} - 589Y_{1207} \leq +0 \quad \text{(G1207)} \quad (4703)$$

$$X_{1208} - 571Y_{1208} \leq +0 \quad \text{(G1208)} \quad (4704)$$

$$X_{1209} - 8Y_{1209} \leq +0 \quad \text{(G1209)} \quad (4705)$$

$$X_{1210} - 1925Y_{1210} \leq +0 \quad \text{(G1210)} \quad (4706)$$

$$X_{1211} - 112Y_{1211} \leq +0 \quad \text{(G1211)} \quad (4707)$$

$$X_{1212} - 64Y_{1212} \leq +0 \quad \text{(G1212)} \quad (4708)$$

$$X_{1213} - 528Y_{1213} \leq +0 \quad \text{(G1213)} \quad (4709)$$

$$X_{1214} - 19Y_{1214} \leq +0 \quad \text{(G1214)} \quad (4710)$$

$$X_{1215} - 1571Y_{1215} \leq +0 \quad \text{(G1215)} \quad (4711)$$

$$X_{1216} - 74Y_{1216} \leq +0 \quad \text{(G1216)} \quad (4712)$$

$$X_{1217} - 9Y_{1217} \leq +0 \quad \text{(G1217)} \quad (4713)$$

$$X_{1218} - 2Y_{1218} \leq +0 \quad \text{(G1218)} \quad (4714)$$

$$X_{1219} - 114Y_{1219} \leq +0 \quad \text{(G1219)} \quad (4715)$$

$$X_{1220} - Y_{1220} \leq +0 \quad \text{(G1220)} \quad (4716)$$

$$X_{1221} - 338Y_{1221} \leq +0 \quad \text{(G1221)} \quad (4717)$$

$$X_{1222} - 661Y_{1222} \leq +0 \quad \text{(G1222)} \quad (4718)$$

$$X_{1223} - 603Y_{1223} \leq +0 \quad \text{(G1223)} \quad (4719)$$

$$X_{1224} - 1274Y_{1224} \leq +0 \quad \text{(G1224)} \quad (4720)$$

$$X_{1225} - 6Y_{1225} \leq +0 \quad \text{(G1225)} \quad (4721)$$

$$X_{1226} - 2Y_{1226} \leq +0 \quad \text{(G1226)} \quad (4722)$$

$$X_{1227} - 544Y_{1227} \leq +0 \quad \text{(G1227)} \quad (4723)$$

$$X_{1228} - 1727Y_{1228} \leq +0 \quad \text{(G1228)} \quad (4724)$$

$$X_{1229} - 406Y_{1229} \leq +0 \quad \text{(G1229)} \quad (4725)$$

$$X_{1230} - 911Y_{1230} \leq +0 \quad \text{(G1230)} \quad (4726)$$

$$X_{1231} - 12Y_{1231} \leq +0 \quad \text{(G1231)} \quad (4727)$$

$$X_{1232} - 242Y_{1232} \leq +0 \quad \text{(G1232)} \quad (4728)$$

$$X_{1233} - 246Y_{1233} \leq +0 \quad \text{(G1233)} \quad (4729)$$

$$X_{1234} - 17Y_{1234} \leq +0 \quad \text{(G1234)} \quad (4730)$$

$$X_{1235} - 673Y_{1235} \leq +0 \quad \text{(G1235)} \quad (4731)$$

$$X_{1236} - 5Y_{1236} \leq +0 \quad \text{(G1236)} \quad (4732)$$

$$X_{1237} - 1097Y_{1237} \leq +0 \quad \text{(G1237)} \quad (4733)$$

$$X_{1238} - 3Y_{1238} \leq +0 \quad \text{(G1238)} \quad (4734)$$

$$X_{1239} - 2Y_{1239} \leq +0 \quad \text{(G1239)} \quad (4735)$$

$$X_{1240} - 708Y_{1240} \leq +0 \quad \text{(G1240)} \quad (4736)$$

$$X_{1241} - 2134Y_{1241} \leq +0 \quad \text{(G1241)} \quad (4737)$$

$$X_{1242} - 618Y_{1242} \leq +0 \quad \text{(G1242)} \quad (4738)$$

$$X_{1243} - 38Y_{1243} \leq +0 \quad \text{(G1243)} \quad (4739)$$

$$X_{1244} - 703Y_{1244} \leq +0 \quad \text{(G1244)} \quad (4740)$$

$$X_{1245} - 1663Y_{1245} \leq +0 \quad \text{(G1245)} \quad (4741)$$

$$X_{1246} - 1070Y_{1246} \leq +0 \quad \text{(G1246)} \quad (4742)$$

$$X_{1247} - 796Y_{1247} \leq +0 \quad \text{(G1247)} \quad (4743)$$

$$X_{1248} - 338Y_{1248} \leq +0 \quad \text{(G1248)} \quad (4744)$$

$$X_{1249} - 488Y_{1249} \leq +0 \quad \text{(G1249)} \quad (4745)$$

$$X_{1250} - 11Y_{1250} \leq +0 \quad \text{(G1250)} \quad (4746)$$

$$X_{1251} - 231Y_{1251} \leq +0 \quad \text{(G1251)} \quad (4747)$$

$$X_{1252} - 6Y_{1252} \leq +0 \quad \text{(G1252)} \quad (4748)$$

$$X_{1253} - 255Y_{1253} \leq +0 \quad \text{(G1253)} \quad (4749)$$

$$X_{1254} - 1422Y_{1254} \leq +0 \quad \text{(G1254)} \quad (4750)$$

$$X_{1255} - 1017Y_{1255} \leq +0 \quad \text{(G1255)} \quad (4751)$$

$$X_{1256} - 731Y_{1256} \leq +0 \quad \text{(G1256)} \quad (4752)$$

$$X_{1257} - 572Y_{1257} \leq +0 \quad \text{(G1257)} \quad (4753)$$

$$X_{1258} - 79Y_{1258} \leq +0 \quad \text{(G1258)} \quad (4754)$$

$$X_{1259} - 2Y_{1259} \leq +0 \quad \text{(G1259)} \quad (4755)$$

$$X_{1260} - 11Y_{1260} \leq +0 \quad \text{(G1260)} \quad (4756)$$

$$X_{1261} - 416Y_{1261} \leq +0 \quad \text{(G1261)} \quad (4757)$$

$$X_{1262} - 28Y_{1262} \leq +0 \quad \text{(G1262)} \quad (4758)$$

$$X_{1263} - 567Y_{1263} \leq +0 \quad \text{(G1263)} \quad (4759)$$

$$X_{1264} - 468Y_{1264} \leq +0 \quad \text{(G1264)} \quad (4760)$$

$$X_{1265} - 1678Y_{1265} \leq +0 \quad \text{(G1265)} \quad (4761)$$
$$X_{1266} - 9Y_{1266} \leq +0 \quad \text{(G1266)} \quad (4762)$$
$$X_{1267} - 192Y_{1267} \leq +0 \quad \text{(G1267)} \quad (4763)$$
$$X_{1268} - 295Y_{1268} \leq +0 \quad \text{(G1268)} \quad (4764)$$
$$X_{1269} - 8Y_{1269} \leq +0 \quad \text{(G1269)} \quad (4765)$$
$$X_{1270} - 1139Y_{1270} \leq +0 \quad \text{(G1270)} \quad (4766)$$
$$X_{1271} - 2145Y_{1271} \leq +0 \quad \text{(G1271)} \quad (4767)$$
$$X_{1272} - 546Y_{1272} \leq +0 \quad \text{(G1272)} \quad (4768)$$
$$X_{1273} - 1517Y_{1273} \leq +0 \quad \text{(G1273)} \quad (4769)$$
$$X_{1274} - 70Y_{1274} \leq +0 \quad \text{(G1274)} \quad (4770)$$
$$X_{1275} - 264Y_{1275} \leq +0 \quad \text{(G1275)} \quad (4771)$$
$$X_{1276} - 782Y_{1276} \leq +0 \quad \text{(G1276)} \quad (4772)$$
$$X_{1277} - 1561Y_{1277} \leq +0 \quad \text{(G1277)} \quad (4773)$$
$$X_{1278} - 3Y_{1278} \leq +0 \quad \text{(G1278)} \quad (4774)$$
$$X_{1279} - 515Y_{1279} \leq +0 \quad \text{(G1279)} \quad (4775)$$
$$X_{1280} - 3Y_{1280} \leq +0 \quad \text{(G1280)} \quad (4776)$$
$$X_{1281} - 509Y_{1281} \leq +0 \quad \text{(G1281)} \quad (4777)$$
$$X_{1282} - 339Y_{1282} \leq +0 \quad \text{(G1282)} \quad (4778)$$
$$X_{1283} - 441Y_{1283} \leq +0 \quad \text{(G1283)} \quad (4779)$$
$$X_{1284} - 48Y_{1284} \leq +0 \quad \text{(G1284)} \quad (4780)$$
$$X_{1285} - 14Y_{1285} \leq +0 \quad \text{(G1285)} \quad (4781)$$
$$X_{1286} - 5Y_{1286} \leq +0 \quad \text{(G1286)} \quad (4782)$$
$$X_{1287} - 421Y_{1287} \leq +0 \quad \text{(G1287)} \quad (4783)$$
$$X_{1288} - 245Y_{1288} \leq +0 \quad \text{(G1288)} \quad (4784)$$
$$X_{1289} - 506Y_{1289} \leq +0 \quad \text{(G1289)} \quad (4785)$$
$$X_{1290} - 12Y_{1290} \leq +0 \quad \text{(G1290)} \quad (4786)$$
$$X_{1291} - 312Y_{1291} \leq +0 \quad \text{(G1291)} \quad (4787)$$
$$X_{1292} - 8Y_{1292} \leq +0 \quad \text{(G1292)} \quad (4788)$$
$$X_{1293} - 691Y_{1293} \leq +0 \quad \text{(G1293)} \quad (4789)$$
$$X_{1294} - 15Y_{1294} \leq +0 \quad \text{(G1294)} \quad (4790)$$
$$X_{1295} - 427Y_{1295} \leq +0 \quad \text{(G1295)} \quad (4791)$$
$$X_{1296} - 547Y_{1296} \leq +0 \quad \text{(G1296)} \quad (4792)$$
$$X_{1297} - 1891Y_{1297} \leq +0 \quad \text{(G1297)} \quad (4793)$$
$$X_{1298} - 817Y_{1298} \leq +0 \quad \text{(G1298)} \quad (4794)$$
$$X_{1299} - 589Y_{1299} \leq +0 \quad \text{(G1299)} \quad (4795)$$
$$X_{1300} - 877Y_{1300} \leq +0 \quad \text{(G1300)} \quad (4796)$$
$$X_{1301} - 394Y_{1301} \leq +0 \quad \text{(G1301)} \quad (4797)$$
$$X_{1302} - 11Y_{1302} \leq +0 \quad \text{(G1302)} \quad (4798)$$
$$X_{1303} - 535Y_{1303} \leq +0 \quad \text{(G1303)} \quad (4799)$$
$$X_{1304} - 182Y_{1304} \leq +0 \quad \text{(G1304)} \quad (4800)$$
$$X_{1305} - 573Y_{1305} \leq +0 \quad \text{(G1305)} \quad (4801)$$
$$X_{1306} - 136Y_{1306} \leq +0 \quad \text{(G1306)} \quad (4802)$$

$$X_{1307} - 589Y_{1307} \leq +0 \quad \text{(G1307)} \quad (4803)$$

$$X_{1308} - 571Y_{1308} \leq +0 \quad \text{(G1308)} \quad (4804)$$

$$X_{1309} - 8Y_{1309} \leq +0 \quad \text{(G1309)} \quad (4805)$$

$$X_{1310} - 1140Y_{1310} \leq +0 \quad \text{(G1310)} \quad (4806)$$

$$X_{1311} - 112Y_{1311} \leq +0 \quad \text{(G1311)} \quad (4807)$$

$$X_{1312} - 64Y_{1312} \leq +0 \quad \text{(G1312)} \quad (4808)$$

$$X_{1313} - 528Y_{1313} \leq +0 \quad \text{(G1313)} \quad (4809)$$

$$X_{1314} - 19Y_{1314} \leq +0 \quad \text{(G1314)} \quad (4810)$$

$$X_{1315} - 1140Y_{1315} \leq +0 \quad \text{(G1315)} \quad (4811)$$

$$X_{1316} - 74Y_{1316} \leq +0 \quad \text{(G1316)} \quad (4812)$$

$$X_{1317} - 9Y_{1317} \leq +0 \quad \text{(G1317)} \quad (4813)$$

$$X_{1318} - 2Y_{1318} \leq +0 \quad \text{(G1318)} \quad (4814)$$

$$X_{1319} - 114Y_{1319} \leq +0 \quad \text{(G1319)} \quad (4815)$$

$$X_{1320} - Y_{1320} \leq +0 \quad \text{(G1320)} \quad (4816)$$

$$X_{1321} - 338Y_{1321} \leq +0 \quad \text{(G1321)} \quad (4817)$$

$$X_{1322} - 661Y_{1322} \leq +0 \quad \text{(G1322)} \quad (4818)$$

$$X_{1323} - 603Y_{1323} \leq +0 \quad \text{(G1323)} \quad (4819)$$

$$X_{1324} - 1140Y_{1324} \leq +0 \quad \text{(G1324)} \quad (4820)$$

$$X_{1325} - 6Y_{1325} \leq +0 \quad \text{(G1325)} \quad (4821)$$

$$X_{1326} - 2Y_{1326} \leq +0 \quad \text{(G1326)} \quad (4822)$$

$$X_{1327} - 544Y_{1327} \leq +0 \quad \text{(G1327)} \quad (4823)$$

$$X_{1328} - 1140Y_{1328} \leq +0 \quad \text{(G1328)} \quad (4824)$$

$$X_{1329} - 406Y_{1329} \leq +0 \quad \text{(G1329)} \quad (4825)$$

$$X_{1330} - 911Y_{1330} \leq +0 \quad \text{(G1330)} \quad (4826)$$

$$X_{1331} - 12Y_{1331} \leq +0 \quad \text{(G1331)} \quad (4827)$$

$$X_{1332} - 242Y_{1332} \leq +0 \quad \text{(G1332)} \quad (4828)$$

$$X_{1333} - 246Y_{1333} \leq +0 \quad \text{(G1333)} \quad (4829)$$

$$X_{1334} - 17Y_{1334} \leq +0 \quad \text{(G1334)} \quad (4830)$$

$$X_{1335} - 673Y_{1335} \leq +0 \quad \text{(G1335)} \quad (4831)$$

$$X_{1336} - 5Y_{1336} \leq +0 \quad \text{(G1336)} \quad (4832)$$

$$X_{1337} - 1097Y_{1337} \leq +0 \quad \text{(G1337)} \quad (4833)$$

$$X_{1338} - 3Y_{1338} \leq +0 \quad \text{(G1338)} \quad (4834)$$

$$X_{1339} - 2Y_{1339} \leq +0 \quad \text{(G1339)} \quad (4835)$$

$$X_{1340} - 708Y_{1340} \leq +0 \quad \text{(G1340)} \quad (4836)$$

$$X_{1341} - 1140Y_{1341} \leq +0 \quad \text{(G1341)} \quad (4837)$$

$$X_{1342} - 618Y_{1342} \leq +0 \quad \text{(G1342)} \quad (4838)$$

$$X_{1343} - 38Y_{1343} \leq +0 \quad \text{(G1343)} \quad (4839)$$

$$X_{1344} - 703Y_{1344} \leq +0 \quad \text{(G1344)} \quad (4840)$$

$$X_{1345} - 1140Y_{1345} \leq +0 \quad \text{(G1345)} \quad (4841)$$

$$X_{1346} - 1070Y_{1346} \leq +0 \quad \text{(G1346)} \quad (4842)$$

$$X_{1347} - 796Y_{1347} \leq +0 \quad \text{(G1347)} \quad (4843)$$

$$X_{1348} - 338Y_{1348} \leq +0 \quad \text{(G1348)} \quad (4844)$$

$$X_{1349} - 488Y_{1349} \leq +0 \quad \text{(G1349)} \quad (4845)$$
$$X_{1350} - 11Y_{1350} \leq +0 \quad \text{(G1350)} \quad (4846)$$
$$X_{1351} - 231Y_{1351} \leq +0 \quad \text{(G1351)} \quad (4847)$$
$$X_{1352} - 6Y_{1352} \leq +0 \quad \text{(G1352)} \quad (4848)$$
$$X_{1353} - 255Y_{1353} \leq +0 \quad \text{(G1353)} \quad (4849)$$
$$X_{1354} - 1140Y_{1354} \leq +0 \quad \text{(G1354)} \quad (4850)$$
$$X_{1355} - 1017Y_{1355} \leq +0 \quad \text{(G1355)} \quad (4851)$$
$$X_{1356} - 731Y_{1356} \leq +0 \quad \text{(G1356)} \quad (4852)$$
$$X_{1357} - 572Y_{1357} \leq +0 \quad \text{(G1357)} \quad (4853)$$
$$X_{1358} - 79Y_{1358} \leq +0 \quad \text{(G1358)} \quad (4854)$$
$$X_{1359} - 2Y_{1359} \leq +0 \quad \text{(G1359)} \quad (4855)$$
$$X_{1360} - 11Y_{1360} \leq +0 \quad \text{(G1360)} \quad (4856)$$
$$X_{1361} - 416Y_{1361} \leq +0 \quad \text{(G1361)} \quad (4857)$$
$$X_{1362} - 28Y_{1362} \leq +0 \quad \text{(G1362)} \quad (4858)$$
$$X_{1363} - 567Y_{1363} \leq +0 \quad \text{(G1363)} \quad (4859)$$
$$X_{1364} - 468Y_{1364} \leq +0 \quad \text{(G1364)} \quad (4860)$$
$$X_{1365} - 1140Y_{1365} \leq +0 \quad \text{(G1365)} \quad (4861)$$
$$X_{1366} - 9Y_{1366} \leq +0 \quad \text{(G1366)} \quad (4862)$$
$$X_{1367} - 192Y_{1367} \leq +0 \quad \text{(G1367)} \quad (4863)$$
$$X_{1368} - 295Y_{1368} \leq +0 \quad \text{(G1368)} \quad (4864)$$
$$X_{1369} - 8Y_{1369} \leq +0 \quad \text{(G1369)} \quad (4865)$$
$$X_{1370} - 1139Y_{1370} \leq +0 \quad \text{(G1370)} \quad (4866)$$
$$X_{1371} - 1140Y_{1371} \leq +0 \quad \text{(G1371)} \quad (4867)$$
$$X_{1372} - 546Y_{1372} \leq +0 \quad \text{(G1372)} \quad (4868)$$
$$X_{1373} - 1140Y_{1373} \leq +0 \quad \text{(G1373)} \quad (4869)$$
$$X_{1374} - 70Y_{1374} \leq +0 \quad \text{(G1374)} \quad (4870)$$
$$X_{1375} - 264Y_{1375} \leq +0 \quad \text{(G1375)} \quad (4871)$$
$$X_{1376} - 782Y_{1376} \leq +0 \quad \text{(G1376)} \quad (4872)$$
$$X_{1377} - 1140Y_{1377} \leq +0 \quad \text{(G1377)} \quad (4873)$$
$$X_{1378} - 3Y_{1378} \leq +0 \quad \text{(G1378)} \quad (4874)$$
$$X_{1379} - 515Y_{1379} \leq +0 \quad \text{(G1379)} \quad (4875)$$
$$X_{1380} - 3Y_{1380} \leq +0 \quad \text{(G1380)} \quad (4876)$$
$$X_{1381} - 509Y_{1381} \leq +0 \quad \text{(G1381)} \quad (4877)$$
$$X_{1382} - 339Y_{1382} \leq +0 \quad \text{(G1382)} \quad (4878)$$
$$X_{1383} - 441Y_{1383} \leq +0 \quad \text{(G1383)} \quad (4879)$$
$$X_{1384} - 48Y_{1384} \leq +0 \quad \text{(G1384)} \quad (4880)$$
$$X_{1385} - 14Y_{1385} \leq +0 \quad \text{(G1385)} \quad (4881)$$
$$X_{1386} - 5Y_{1386} \leq +0 \quad \text{(G1386)} \quad (4882)$$
$$X_{1387} - 421Y_{1387} \leq +0 \quad \text{(G1387)} \quad (4883)$$
$$X_{1388} - 245Y_{1388} \leq +0 \quad \text{(G1388)} \quad (4884)$$
$$X_{1389} - 506Y_{1389} \leq +0 \quad \text{(G1389)} \quad (4885)$$
$$X_{1390} - 12Y_{1390} \leq +0 \quad \text{(G1390)} \quad (4886)$$

$$X_{1391} - 312Y_{1391} \leq +0 \quad \text{(G1391)} \quad (4887)$$
$$X_{1392} - 8Y_{1392} \leq +0 \quad \text{(G1392)} \quad (4888)$$
$$X_{1393} - 691Y_{1393} \leq +0 \quad \text{(G1393)} \quad (4889)$$
$$X_{1394} - 15Y_{1394} \leq +0 \quad \text{(G1394)} \quad (4890)$$
$$X_{1395} - 427Y_{1395} \leq +0 \quad \text{(G1395)} \quad (4891)$$
$$X_{1396} - 547Y_{1396} \leq +0 \quad \text{(G1396)} \quad (4892)$$
$$X_{1397} - 1140Y_{1397} \leq +0 \quad \text{(G1397)} \quad (4893)$$
$$X_{1398} - 817Y_{1398} \leq +0 \quad \text{(G1398)} \quad (4894)$$
$$X_{1399} - 589Y_{1399} \leq +0 \quad \text{(G1399)} \quad (4895)$$
$$X_{1400} - 877Y_{1400} \leq +0 \quad \text{(G1400)} \quad (4896)$$
$$X_{1401} - 394Y_{1401} \leq +0 \quad \text{(G1401)} \quad (4897)$$
$$X_{1402} - 11Y_{1402} \leq +0 \quad \text{(G1402)} \quad (4898)$$
$$X_{1403} - 535Y_{1403} \leq +0 \quad \text{(G1403)} \quad (4899)$$
$$X_{1404} - 182Y_{1404} \leq +0 \quad \text{(G1404)} \quad (4900)$$
$$X_{1405} - 573Y_{1405} \leq +0 \quad \text{(G1405)} \quad (4901)$$
$$X_{1406} - 136Y_{1406} \leq +0 \quad \text{(G1406)} \quad (4902)$$
$$X_{1407} - 589Y_{1407} \leq +0 \quad \text{(G1407)} \quad (4903)$$
$$X_{1408} - 571Y_{1408} \leq +0 \quad \text{(G1408)} \quad (4904)$$
$$X_{1409} - 8Y_{1409} \leq +0 \quad \text{(G1409)} \quad (4905)$$
$$X_{1410} - 1719Y_{1410} \leq +0 \quad \text{(G1410)} \quad (4906)$$
$$X_{1411} - 112Y_{1411} \leq +0 \quad \text{(G1411)} \quad (4907)$$
$$X_{1412} - 64Y_{1412} \leq +0 \quad \text{(G1412)} \quad (4908)$$
$$X_{1413} - 528Y_{1413} \leq +0 \quad \text{(G1413)} \quad (4909)$$
$$X_{1414} - 19Y_{1414} \leq +0 \quad \text{(G1414)} \quad (4910)$$
$$X_{1415} - 1571Y_{1415} \leq +0 \quad \text{(G1415)} \quad (4911)$$
$$X_{1416} - 74Y_{1416} \leq +0 \quad \text{(G1416)} \quad (4912)$$
$$X_{1417} - 9Y_{1417} \leq +0 \quad \text{(G1417)} \quad (4913)$$
$$X_{1418} - 2Y_{1418} \leq +0 \quad \text{(G1418)} \quad (4914)$$
$$X_{1419} - 114Y_{1419} \leq +0 \quad \text{(G1419)} \quad (4915)$$
$$X_{1420} - Y_{1420} \leq +0 \quad \text{(G1420)} \quad (4916)$$
$$X_{1421} - 338Y_{1421} \leq +0 \quad \text{(G1421)} \quad (4917)$$
$$X_{1422} - 661Y_{1422} \leq +0 \quad \text{(G1422)} \quad (4918)$$
$$X_{1423} - 603Y_{1423} \leq +0 \quad \text{(G1423)} \quad (4919)$$
$$X_{1424} - 1274Y_{1424} \leq +0 \quad \text{(G1424)} \quad (4920)$$
$$X_{1425} - 6Y_{1425} \leq +0 \quad \text{(G1425)} \quad (4921)$$
$$X_{1426} - 2Y_{1426} \leq +0 \quad \text{(G1426)} \quad (4922)$$
$$X_{1427} - 544Y_{1427} \leq +0 \quad \text{(G1427)} \quad (4923)$$
$$X_{1428} - 1719Y_{1428} \leq +0 \quad \text{(G1428)} \quad (4924)$$
$$X_{1429} - 406Y_{1429} \leq +0 \quad \text{(G1429)} \quad (4925)$$
$$X_{1430} - 911Y_{1430} \leq +0 \quad \text{(G1430)} \quad (4926)$$
$$X_{1431} - 12Y_{1431} \leq +0 \quad \text{(G1431)} \quad (4927)$$
$$X_{1432} - 242Y_{1432} \leq +0 \quad \text{(G1432)} \quad (4928)$$

$$X_{1433} - 246Y_{1433} \leq +0 \quad \text{(G1433)} \quad (4929)$$
$$X_{1434} - 17Y_{1434} \leq +0 \quad \text{(G1434)} \quad (4930)$$
$$X_{1435} - 673Y_{1435} \leq +0 \quad \text{(G1435)} \quad (4931)$$
$$X_{1436} - 5Y_{1436} \leq +0 \quad \text{(G1436)} \quad (4932)$$
$$X_{1437} - 1097Y_{1437} \leq +0 \quad \text{(G1437)} \quad (4933)$$
$$X_{1438} - 3Y_{1438} \leq +0 \quad \text{(G1438)} \quad (4934)$$
$$X_{1439} - 2Y_{1439} \leq +0 \quad \text{(G1439)} \quad (4935)$$
$$X_{1440} - 708Y_{1440} \leq +0 \quad \text{(G1440)} \quad (4936)$$
$$X_{1441} - 1719Y_{1441} \leq +0 \quad \text{(G1441)} \quad (4937)$$
$$X_{1442} - 618Y_{1442} \leq +0 \quad \text{(G1442)} \quad (4938)$$
$$X_{1443} - 38Y_{1443} \leq +0 \quad \text{(G1443)} \quad (4939)$$
$$X_{1444} - 703Y_{1444} \leq +0 \quad \text{(G1444)} \quad (4940)$$
$$X_{1445} - 1663Y_{1445} \leq +0 \quad \text{(G1445)} \quad (4941)$$
$$X_{1446} - 1070Y_{1446} \leq +0 \quad \text{(G1446)} \quad (4942)$$
$$X_{1447} - 796Y_{1447} \leq +0 \quad \text{(G1447)} \quad (4943)$$
$$X_{1448} - 338Y_{1448} \leq +0 \quad \text{(G1448)} \quad (4944)$$
$$X_{1449} - 488Y_{1449} \leq +0 \quad \text{(G1449)} \quad (4945)$$
$$X_{1450} - 11Y_{1450} \leq +0 \quad \text{(G1450)} \quad (4946)$$
$$X_{1451} - 231Y_{1451} \leq +0 \quad \text{(G1451)} \quad (4947)$$
$$X_{1452} - 6Y_{1452} \leq +0 \quad \text{(G1452)} \quad (4948)$$
$$X_{1453} - 255Y_{1453} \leq +0 \quad \text{(G1453)} \quad (4949)$$
$$X_{1454} - 1422Y_{1454} \leq +0 \quad \text{(G1454)} \quad (4950)$$
$$X_{1455} - 1017Y_{1455} \leq +0 \quad \text{(G1455)} \quad (4951)$$
$$X_{1456} - 731Y_{1456} \leq +0 \quad \text{(G1456)} \quad (4952)$$
$$X_{1457} - 572Y_{1457} \leq +0 \quad \text{(G1457)} \quad (4953)$$
$$X_{1458} - 79Y_{1458} \leq +0 \quad \text{(G1458)} \quad (4954)$$
$$X_{1459} - 2Y_{1459} \leq +0 \quad \text{(G1459)} \quad (4955)$$
$$X_{1460} - 11Y_{1460} \leq +0 \quad \text{(G1460)} \quad (4956)$$
$$X_{1461} - 416Y_{1461} \leq +0 \quad \text{(G1461)} \quad (4957)$$
$$X_{1462} - 28Y_{1462} \leq +0 \quad \text{(G1462)} \quad (4958)$$
$$X_{1463} - 567Y_{1463} \leq +0 \quad \text{(G1463)} \quad (4959)$$
$$X_{1464} - 468Y_{1464} \leq +0 \quad \text{(G1464)} \quad (4960)$$
$$X_{1465} - 1678Y_{1465} \leq +0 \quad \text{(G1465)} \quad (4961)$$
$$X_{1466} - 9Y_{1466} \leq +0 \quad \text{(G1466)} \quad (4962)$$
$$X_{1467} - 192Y_{1467} \leq +0 \quad \text{(G1467)} \quad (4963)$$
$$X_{1468} - 295Y_{1468} \leq +0 \quad \text{(G1468)} \quad (4964)$$
$$X_{1469} - 8Y_{1469} \leq +0 \quad \text{(G1469)} \quad (4965)$$
$$X_{1470} - 1139Y_{1470} \leq +0 \quad \text{(G1470)} \quad (4966)$$
$$X_{1471} - 1719Y_{1471} \leq +0 \quad \text{(G1471)} \quad (4967)$$
$$X_{1472} - 546Y_{1472} \leq +0 \quad \text{(G1472)} \quad (4968)$$
$$X_{1473} - 1517Y_{1473} \leq +0 \quad \text{(G1473)} \quad (4969)$$
$$X_{1474} - 70Y_{1474} \leq +0 \quad \text{(G1474)} \quad (4970)$$

$$X_{1475} - 264Y_{1475} \leq +0 \quad \text{(G1475)} \quad (4971)$$
$$X_{1476} - 782Y_{1476} \leq +0 \quad \text{(G1476)} \quad (4972)$$
$$X_{1477} - 1561Y_{1477} \leq +0 \quad \text{(G1477)} \quad (4973)$$
$$X_{1478} - 3Y_{1478} \leq +0 \quad \text{(G1478)} \quad (4974)$$
$$X_{1479} - 515Y_{1479} \leq +0 \quad \text{(G1479)} \quad (4975)$$
$$X_{1480} - 3Y_{1480} \leq +0 \quad \text{(G1480)} \quad (4976)$$
$$X_{1481} - 509Y_{1481} \leq +0 \quad \text{(G1481)} \quad (4977)$$
$$X_{1482} - 339Y_{1482} \leq +0 \quad \text{(G1482)} \quad (4978)$$
$$X_{1483} - 441Y_{1483} \leq +0 \quad \text{(G1483)} \quad (4979)$$
$$X_{1484} - 48Y_{1484} \leq +0 \quad \text{(G1484)} \quad (4980)$$
$$X_{1485} - 14Y_{1485} \leq +0 \quad \text{(G1485)} \quad (4981)$$
$$X_{1486} - 5Y_{1486} \leq +0 \quad \text{(G1486)} \quad (4982)$$
$$X_{1487} - 421Y_{1487} \leq +0 \quad \text{(G1487)} \quad (4983)$$
$$X_{1488} - 245Y_{1488} \leq +0 \quad \text{(G1488)} \quad (4984)$$
$$X_{1489} - 506Y_{1489} \leq +0 \quad \text{(G1489)} \quad (4985)$$
$$X_{1490} - 12Y_{1490} \leq +0 \quad \text{(G1490)} \quad (4986)$$
$$X_{1491} - 312Y_{1491} \leq +0 \quad \text{(G1491)} \quad (4987)$$
$$X_{1492} - 8Y_{1492} \leq +0 \quad \text{(G1492)} \quad (4988)$$
$$X_{1493} - 691Y_{1493} \leq +0 \quad \text{(G1493)} \quad (4989)$$
$$X_{1494} - 15Y_{1494} \leq +0 \quad \text{(G1494)} \quad (4990)$$
$$X_{1495} - 427Y_{1495} \leq +0 \quad \text{(G1495)} \quad (4991)$$
$$X_{1496} - 547Y_{1496} \leq +0 \quad \text{(G1496)} \quad (4992)$$
$$X_{1497} - 1719Y_{1497} \leq +0 \quad \text{(G1497)} \quad (4993)$$
$$X_{1498} - 817Y_{1498} \leq +0 \quad \text{(G1498)} \quad (4994)$$
$$X_{1499} - 589Y_{1499} \leq +0 \quad \text{(G1499)} \quad (4995)$$
$$X_{1500} - 877Y_{1500} \leq +0 \quad \text{(G1500)} \quad (4996)$$
$$X_{1501} - 394Y_{1501} \leq +0 \quad \text{(G1501)} \quad (4997)$$
$$X_{1502} - 11Y_{1502} \leq +0 \quad \text{(G1502)} \quad (4998)$$
$$X_{1503} - 535Y_{1503} \leq +0 \quad \text{(G1503)} \quad (4999)$$
$$X_{1504} - 182Y_{1504} \leq +0 \quad \text{(G1504)} \quad (5000)$$
$$X_{1505} - 573Y_{1505} \leq +0 \quad \text{(G1505)} \quad (5001)$$
$$X_{1506} - 136Y_{1506} \leq +0 \quad \text{(G1506)} \quad (5002)$$
$$X_{1507} - 589Y_{1507} \leq +0 \quad \text{(G1507)} \quad (5003)$$
$$X_{1508} - 571Y_{1508} \leq +0 \quad \text{(G1508)} \quad (5004)$$
$$X_{1509} - 8Y_{1509} \leq +0 \quad \text{(G1509)} \quad (5005)$$
$$X_{1510} - 1880Y_{1510} \leq +0 \quad \text{(G1510)} \quad (5006)$$
$$X_{1511} - 112Y_{1511} \leq +0 \quad \text{(G1511)} \quad (5007)$$
$$X_{1512} - 64Y_{1512} \leq +0 \quad \text{(G1512)} \quad (5008)$$
$$X_{1513} - 528Y_{1513} \leq +0 \quad \text{(G1513)} \quad (5009)$$
$$X_{1514} - 19Y_{1514} \leq +0 \quad \text{(G1514)} \quad (5010)$$
$$X_{1515} - 1571Y_{1515} \leq +0 \quad \text{(G1515)} \quad (5011)$$
$$X_{1516} - 74Y_{1516} \leq +0 \quad \text{(G1516)} \quad (5012)$$

$$X_{1517} - 9Y_{1517} \leq +0 \quad \text{(G1517)} \quad (5013)$$
$$X_{1518} - 2Y_{1518} \leq +0 \quad \text{(G1518)} \quad (5014)$$
$$X_{1519} - 114Y_{1519} \leq +0 \quad \text{(G1519)} \quad (5015)$$
$$X_{1520} - Y_{1520} \leq +0 \quad \text{(G1520)} \quad (5016)$$
$$X_{1521} - 338Y_{1521} \leq +0 \quad \text{(G1521)} \quad (5017)$$
$$X_{1522} - 661Y_{1522} \leq +0 \quad \text{(G1522)} \quad (5018)$$
$$X_{1523} - 603Y_{1523} \leq +0 \quad \text{(G1523)} \quad (5019)$$
$$X_{1524} - 1274Y_{1524} \leq +0 \quad \text{(G1524)} \quad (5020)$$
$$X_{1525} - 6Y_{1525} \leq +0 \quad \text{(G1525)} \quad (5021)$$
$$X_{1526} - 2Y_{1526} \leq +0 \quad \text{(G1526)} \quad (5022)$$
$$X_{1527} - 544Y_{1527} \leq +0 \quad \text{(G1527)} \quad (5023)$$
$$X_{1528} - 1727Y_{1528} \leq +0 \quad \text{(G1528)} \quad (5024)$$
$$X_{1529} - 406Y_{1529} \leq +0 \quad \text{(G1529)} \quad (5025)$$
$$X_{1530} - 911Y_{1530} \leq +0 \quad \text{(G1530)} \quad (5026)$$
$$X_{1531} - 12Y_{1531} \leq +0 \quad \text{(G1531)} \quad (5027)$$
$$X_{1532} - 242Y_{1532} \leq +0 \quad \text{(G1532)} \quad (5028)$$
$$X_{1533} - 246Y_{1533} \leq +0 \quad \text{(G1533)} \quad (5029)$$
$$X_{1534} - 17Y_{1534} \leq +0 \quad \text{(G1534)} \quad (5030)$$
$$X_{1535} - 673Y_{1535} \leq +0 \quad \text{(G1535)} \quad (5031)$$
$$X_{1536} - 5Y_{1536} \leq +0 \quad \text{(G1536)} \quad (5032)$$
$$X_{1537} - 1097Y_{1537} \leq +0 \quad \text{(G1537)} \quad (5033)$$
$$X_{1538} - 3Y_{1538} \leq +0 \quad \text{(G1538)} \quad (5034)$$
$$X_{1539} - 2Y_{1539} \leq +0 \quad \text{(G1539)} \quad (5035)$$
$$X_{1540} - 708Y_{1540} \leq +0 \quad \text{(G1540)} \quad (5036)$$
$$X_{1541} - 1880Y_{1541} \leq +0 \quad \text{(G1541)} \quad (5037)$$
$$X_{1542} - 618Y_{1542} \leq +0 \quad \text{(G1542)} \quad (5038)$$
$$X_{1543} - 38Y_{1543} \leq +0 \quad \text{(G1543)} \quad (5039)$$
$$X_{1544} - 703Y_{1544} \leq +0 \quad \text{(G1544)} \quad (5040)$$
$$X_{1545} - 1663Y_{1545} \leq +0 \quad \text{(G1545)} \quad (5041)$$
$$X_{1546} - 1070Y_{1546} \leq +0 \quad \text{(G1546)} \quad (5042)$$
$$X_{1547} - 796Y_{1547} \leq +0 \quad \text{(G1547)} \quad (5043)$$
$$X_{1548} - 338Y_{1548} \leq +0 \quad \text{(G1548)} \quad (5044)$$
$$X_{1549} - 488Y_{1549} \leq +0 \quad \text{(G1549)} \quad (5045)$$
$$X_{1550} - 11Y_{1550} \leq +0 \quad \text{(G1550)} \quad (5046)$$
$$X_{1551} - 231Y_{1551} \leq +0 \quad \text{(G1551)} \quad (5047)$$
$$X_{1552} - 6Y_{1552} \leq +0 \quad \text{(G1552)} \quad (5048)$$
$$X_{1553} - 255Y_{1553} \leq +0 \quad \text{(G1553)} \quad (5049)$$
$$X_{1554} - 1422Y_{1554} \leq +0 \quad \text{(G1554)} \quad (5050)$$
$$X_{1555} - 1017Y_{1555} \leq +0 \quad \text{(G1555)} \quad (5051)$$
$$X_{1556} - 731Y_{1556} \leq +0 \quad \text{(G1556)} \quad (5052)$$
$$X_{1557} - 572Y_{1557} \leq +0 \quad \text{(G1557)} \quad (5053)$$
$$X_{1558} - 79Y_{1558} \leq +0 \quad \text{(G1558)} \quad (5054)$$

$$X_{1559} - 2Y_{1559} \leq +0 \quad \text{(G1559)} \quad (5055)$$

$$X_{1560} - 11Y_{1560} \leq +0 \quad \text{(G1560)} \quad (5056)$$

$$X_{1561} - 416Y_{1561} \leq +0 \quad \text{(G1561)} \quad (5057)$$

$$X_{1562} - 28Y_{1562} \leq +0 \quad \text{(G1562)} \quad (5058)$$

$$X_{1563} - 567Y_{1563} \leq +0 \quad \text{(G1563)} \quad (5059)$$

$$X_{1564} - 468Y_{1564} \leq +0 \quad \text{(G1564)} \quad (5060)$$

$$X_{1565} - 1678Y_{1565} \leq +0 \quad \text{(G1565)} \quad (5061)$$

$$X_{1566} - 9Y_{1566} \leq +0 \quad \text{(G1566)} \quad (5062)$$

$$X_{1567} - 192Y_{1567} \leq +0 \quad \text{(G1567)} \quad (5063)$$

$$X_{1568} - 295Y_{1568} \leq +0 \quad \text{(G1568)} \quad (5064)$$

$$X_{1569} - 8Y_{1569} \leq +0 \quad \text{(G1569)} \quad (5065)$$

$$X_{1570} - 1139Y_{1570} \leq +0 \quad \text{(G1570)} \quad (5066)$$

$$X_{1571} - 1880Y_{1571} \leq +0 \quad \text{(G1571)} \quad (5067)$$

$$X_{1572} - 546Y_{1572} \leq +0 \quad \text{(G1572)} \quad (5068)$$

$$X_{1573} - 1517Y_{1573} \leq +0 \quad \text{(G1573)} \quad (5069)$$

$$X_{1574} - 70Y_{1574} \leq +0 \quad \text{(G1574)} \quad (5070)$$

$$X_{1575} - 264Y_{1575} \leq +0 \quad \text{(G1575)} \quad (5071)$$

$$X_{1576} - 782Y_{1576} \leq +0 \quad \text{(G1576)} \quad (5072)$$

$$X_{1577} - 1561Y_{1577} \leq +0 \quad \text{(G1577)} \quad (5073)$$

$$X_{1578} - 3Y_{1578} \leq +0 \quad \text{(G1578)} \quad (5074)$$

$$X_{1579} - 515Y_{1579} \leq +0 \quad \text{(G1579)} \quad (5075)$$

$$X_{1580} - 3Y_{1580} \leq +0 \quad \text{(G1580)} \quad (5076)$$

$$X_{1581} - 509Y_{1581} \leq +0 \quad \text{(G1581)} \quad (5077)$$

$$X_{1582} - 339Y_{1582} \leq +0 \quad \text{(G1582)} \quad (5078)$$

$$X_{1583} - 441Y_{1583} \leq +0 \quad \text{(G1583)} \quad (5079)$$

$$X_{1584} - 48Y_{1584} \leq +0 \quad \text{(G1584)} \quad (5080)$$

$$X_{1585} - 14Y_{1585} \leq +0 \quad \text{(G1585)} \quad (5081)$$

$$X_{1586} - 5Y_{1586} \leq +0 \quad \text{(G1586)} \quad (5082)$$

$$X_{1587} - 421Y_{1587} \leq +0 \quad \text{(G1587)} \quad (5083)$$

$$X_{1588} - 245Y_{1588} \leq +0 \quad \text{(G1588)} \quad (5084)$$

$$X_{1589} - 506Y_{1589} \leq +0 \quad \text{(G1589)} \quad (5085)$$

$$X_{1590} - 12Y_{1590} \leq +0 \quad \text{(G1590)} \quad (5086)$$

$$X_{1591} - 312Y_{1591} \leq +0 \quad \text{(G1591)} \quad (5087)$$

$$X_{1592} - 8Y_{1592} \leq +0 \quad \text{(G1592)} \quad (5088)$$

$$X_{1593} - 691Y_{1593} \leq +0 \quad \text{(G1593)} \quad (5089)$$

$$X_{1594} - 15Y_{1594} \leq +0 \quad \text{(G1594)} \quad (5090)$$

$$X_{1595} - 427Y_{1595} \leq +0 \quad \text{(G1595)} \quad (5091)$$

$$X_{1596} - 547Y_{1596} \leq +0 \quad \text{(G1596)} \quad (5092)$$

$$X_{1597} - 1880Y_{1597} \leq +0 \quad \text{(G1597)} \quad (5093)$$

$$X_{1598} - 817Y_{1598} \leq +0 \quad \text{(G1598)} \quad (5094)$$

$$X_{1599} - 589Y_{1599} \leq +0 \quad \text{(G1599)} \quad (5095)$$

$$X_{1600} - 579Y_{1600} \leq +0 \quad \text{(G1600)} \quad (5096)$$

$$X_{1601} - 394Y_{1601} \leq +0 \quad \text{(G1601)} \quad (5097)$$
$$X_{1602} - 11Y_{1602} \leq +0 \quad \text{(G1602)} \quad (5098)$$
$$X_{1603} - 535Y_{1603} \leq +0 \quad \text{(G1603)} \quad (5099)$$
$$X_{1604} - 182Y_{1604} \leq +0 \quad \text{(G1604)} \quad (5100)$$
$$X_{1605} - 573Y_{1605} \leq +0 \quad \text{(G1605)} \quad (5101)$$
$$X_{1606} - 136Y_{1606} \leq +0 \quad \text{(G1606)} \quad (5102)$$
$$X_{1607} - 579Y_{1607} \leq +0 \quad \text{(G1607)} \quad (5103)$$
$$X_{1608} - 571Y_{1608} \leq +0 \quad \text{(G1608)} \quad (5104)$$
$$X_{1609} - 8Y_{1609} \leq +0 \quad \text{(G1609)} \quad (5105)$$
$$X_{1610} - 579Y_{1610} \leq +0 \quad \text{(G1610)} \quad (5106)$$
$$X_{1611} - 112Y_{1611} \leq +0 \quad \text{(G1611)} \quad (5107)$$
$$X_{1612} - 64Y_{1612} \leq +0 \quad \text{(G1612)} \quad (5108)$$
$$X_{1613} - 528Y_{1613} \leq +0 \quad \text{(G1613)} \quad (5109)$$
$$X_{1614} - 19Y_{1614} \leq +0 \quad \text{(G1614)} \quad (5110)$$
$$X_{1615} - 579Y_{1615} \leq +0 \quad \text{(G1615)} \quad (5111)$$
$$X_{1616} - 74Y_{1616} \leq +0 \quad \text{(G1616)} \quad (5112)$$
$$X_{1617} - 9Y_{1617} \leq +0 \quad \text{(G1617)} \quad (5113)$$
$$X_{1618} - 2Y_{1618} \leq +0 \quad \text{(G1618)} \quad (5114)$$
$$X_{1619} - 114Y_{1619} \leq +0 \quad \text{(G1619)} \quad (5115)$$
$$X_{1620} - Y_{1620} \leq +0 \quad \text{(G1620)} \quad (5116)$$
$$X_{1621} - 338Y_{1621} \leq +0 \quad \text{(G1621)} \quad (5117)$$
$$X_{1622} - 579Y_{1622} \leq +0 \quad \text{(G1622)} \quad (5118)$$
$$X_{1623} - 579Y_{1623} \leq +0 \quad \text{(G1623)} \quad (5119)$$
$$X_{1624} - 579Y_{1624} \leq +0 \quad \text{(G1624)} \quad (5120)$$
$$X_{1625} - 6Y_{1625} \leq +0 \quad \text{(G1625)} \quad (5121)$$
$$X_{1626} - 2Y_{1626} \leq +0 \quad \text{(G1626)} \quad (5122)$$
$$X_{1627} - 544Y_{1627} \leq +0 \quad \text{(G1627)} \quad (5123)$$
$$X_{1628} - 579Y_{1628} \leq +0 \quad \text{(G1628)} \quad (5124)$$
$$X_{1629} - 406Y_{1629} \leq +0 \quad \text{(G1629)} \quad (5125)$$
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$$X_{1633} - 246Y_{1633} \leq +0 \quad \text{(G1633)} \quad (5129)$$
$$X_{1634} - 17Y_{1634} \leq +0 \quad \text{(G1634)} \quad (5130)$$
$$X_{1635} - 579Y_{1635} \leq +0 \quad \text{(G1635)} \quad (5131)$$
$$X_{1636} - 5Y_{1636} \leq +0 \quad \text{(G1636)} \quad (5132)$$
$$X_{1637} - 579Y_{1637} \leq +0 \quad \text{(G1637)} \quad (5133)$$
$$X_{1638} - 3Y_{1638} \leq +0 \quad \text{(G1638)} \quad (5134)$$
$$X_{1639} - 2Y_{1639} \leq +0 \quad \text{(G1639)} \quad (5135)$$
$$X_{1640} - 579Y_{1640} \leq +0 \quad \text{(G1640)} \quad (5136)$$
$$X_{1641} - 579Y_{1641} \leq +0 \quad \text{(G1641)} \quad (5137)$$
$$X_{1642} - 579Y_{1642} \leq +0 \quad \text{(G1642)} \quad (5138)$$

$$X_{1643} - 38Y_{1643} \leq +0 \quad \text{(G1643)} \quad (5139)$$

$$X_{1644} - 579Y_{1644} \leq +0 \quad \text{(G1644)} \quad (5140)$$

$$X_{1645} - 579Y_{1645} \leq +0 \quad \text{(G1645)} \quad (5141)$$

$$X_{1646} - 579Y_{1646} \leq +0 \quad \text{(G1646)} \quad (5142)$$

$$X_{1647} - 579Y_{1647} \leq +0 \quad \text{(G1647)} \quad (5143)$$

$$X_{1648} - 338Y_{1648} \leq +0 \quad \text{(G1648)} \quad (5144)$$

$$X_{1649} - 488Y_{1649} \leq +0 \quad \text{(G1649)} \quad (5145)$$

$$X_{1650} - 11Y_{1650} \leq +0 \quad \text{(G1650)} \quad (5146)$$

$$X_{1651} - 231Y_{1651} \leq +0 \quad \text{(G1651)} \quad (5147)$$

$$X_{1652} - 6Y_{1652} \leq +0 \quad \text{(G1652)} \quad (5148)$$

$$X_{1653} - 255Y_{1653} \leq +0 \quad \text{(G1653)} \quad (5149)$$

$$X_{1654} - 579Y_{1654} \leq +0 \quad \text{(G1654)} \quad (5150)$$

$$X_{1655} - 579Y_{1655} \leq +0 \quad \text{(G1655)} \quad (5151)$$

$$X_{1656} - 579Y_{1656} \leq +0 \quad \text{(G1656)} \quad (5152)$$

$$X_{1657} - 572Y_{1657} \leq +0 \quad \text{(G1657)} \quad (5153)$$

$$X_{1658} - 79Y_{1658} \leq +0 \quad \text{(G1658)} \quad (5154)$$

$$X_{1659} - 2Y_{1659} \leq +0 \quad \text{(G1659)} \quad (5155)$$

$$X_{1660} - 11Y_{1660} \leq +0 \quad \text{(G1660)} \quad (5156)$$

$$X_{1661} - 416Y_{1661} \leq +0 \quad \text{(G1661)} \quad (5157)$$

$$X_{1662} - 28Y_{1662} \leq +0 \quad \text{(G1662)} \quad (5158)$$

$$X_{1663} - 567Y_{1663} \leq +0 \quad \text{(G1663)} \quad (5159)$$

$$X_{1664} - 468Y_{1664} \leq +0 \quad \text{(G1664)} \quad (5160)$$

$$X_{1665} - 579Y_{1665} \leq +0 \quad \text{(G1665)} \quad (5161)$$

$$X_{1666} - 9Y_{1666} \leq +0 \quad \text{(G1666)} \quad (5162)$$

$$X_{1667} - 192Y_{1667} \leq +0 \quad \text{(G1667)} \quad (5163)$$

$$X_{1668} - 295Y_{1668} \leq +0 \quad \text{(G1668)} \quad (5164)$$

$$X_{1669} - 8Y_{1669} \leq +0 \quad \text{(G1669)} \quad (5165)$$

$$X_{1670} - 579Y_{1670} \leq +0 \quad \text{(G1670)} \quad (5166)$$

$$X_{1671} - 579Y_{1671} \leq +0 \quad \text{(G1671)} \quad (5167)$$

$$X_{1672} - 546Y_{1672} \leq +0 \quad \text{(G1672)} \quad (5168)$$

$$X_{1673} - 579Y_{1673} \leq +0 \quad \text{(G1673)} \quad (5169)$$

$$X_{1674} - 70Y_{1674} \leq +0 \quad \text{(G1674)} \quad (5170)$$

$$X_{1675} - 264Y_{1675} \leq +0 \quad \text{(G1675)} \quad (5171)$$

$$X_{1676} - 579Y_{1676} \leq +0 \quad \text{(G1676)} \quad (5172)$$

$$X_{1677} - 579Y_{1677} \leq +0 \quad \text{(G1677)} \quad (5173)$$

$$X_{1678} - 3Y_{1678} \leq +0 \quad \text{(G1678)} \quad (5174)$$

$$X_{1679} - 515Y_{1679} \leq +0 \quad \text{(G1679)} \quad (5175)$$

$$X_{1680} - 3Y_{1680} \leq +0 \quad \text{(G1680)} \quad (5176)$$

$$X_{1681} - 509Y_{1681} \leq +0 \quad \text{(G1681)} \quad (5177)$$

$$X_{1682} - 339Y_{1682} \leq +0 \quad \text{(G1682)} \quad (5178)$$

$$X_{1683} - 441Y_{1683} \leq +0 \quad \text{(G1683)} \quad (5179)$$

$$X_{1684} - 48Y_{1684} \leq +0 \quad \text{(G1684)} \quad (5180)$$

$$X_{1685} - 14Y_{1685} \leq +0 \quad \text{(G1685)} \quad (5181)$$
$$X_{1686} - 5Y_{1686} \leq +0 \quad \text{(G1686)} \quad (5182)$$
$$X_{1687} - 421Y_{1687} \leq +0 \quad \text{(G1687)} \quad (5183)$$
$$X_{1688} - 245Y_{1688} \leq +0 \quad \text{(G1688)} \quad (5184)$$
$$X_{1689} - 506Y_{1689} \leq +0 \quad \text{(G1689)} \quad (5185)$$
$$X_{1690} - 12Y_{1690} \leq +0 \quad \text{(G1690)} \quad (5186)$$
$$X_{1691} - 312Y_{1691} \leq +0 \quad \text{(G1691)} \quad (5187)$$
$$X_{1692} - 8Y_{1692} \leq +0 \quad \text{(G1692)} \quad (5188)$$
$$X_{1693} - 579Y_{1693} \leq +0 \quad \text{(G1693)} \quad (5189)$$
$$X_{1694} - 15Y_{1694} \leq +0 \quad \text{(G1694)} \quad (5190)$$
$$X_{1695} - 427Y_{1695} \leq +0 \quad \text{(G1695)} \quad (5191)$$
$$X_{1696} - 547Y_{1696} \leq +0 \quad \text{(G1696)} \quad (5192)$$
$$X_{1697} - 579Y_{1697} \leq +0 \quad \text{(G1697)} \quad (5193)$$
$$X_{1698} - 579Y_{1698} \leq +0 \quad \text{(G1698)} \quad (5194)$$
$$X_{1699} - 579Y_{1699} \leq +0 \quad \text{(G1699)} \quad (5195)$$
$$X_{1700} - 877Y_{1700} \leq +0 \quad \text{(G1700)} \quad (5196)$$
$$X_{1701} - 394Y_{1701} \leq +0 \quad \text{(G1701)} \quad (5197)$$
$$X_{1702} - 11Y_{1702} \leq +0 \quad \text{(G1702)} \quad (5198)$$
$$X_{1703} - 535Y_{1703} \leq +0 \quad \text{(G1703)} \quad (5199)$$
$$X_{1704} - 182Y_{1704} \leq +0 \quad \text{(G1704)} \quad (5200)$$
$$X_{1705} - 573Y_{1705} \leq +0 \quad \text{(G1705)} \quad (5201)$$
$$X_{1706} - 136Y_{1706} \leq +0 \quad \text{(G1706)} \quad (5202)$$
$$X_{1707} - 589Y_{1707} \leq +0 \quad \text{(G1707)} \quad (5203)$$
$$X_{1708} - 571Y_{1708} \leq +0 \quad \text{(G1708)} \quad (5204)$$
$$X_{1709} - 8Y_{1709} \leq +0 \quad \text{(G1709)} \quad (5205)$$
$$X_{1710} - 880Y_{1710} \leq +0 \quad \text{(G1710)} \quad (5206)$$
$$X_{1711} - 112Y_{1711} \leq +0 \quad \text{(G1711)} \quad (5207)$$
$$X_{1712} - 64Y_{1712} \leq +0 \quad \text{(G1712)} \quad (5208)$$
$$X_{1713} - 528Y_{1713} \leq +0 \quad \text{(G1713)} \quad (5209)$$
$$X_{1714} - 19Y_{1714} \leq +0 \quad \text{(G1714)} \quad (5210)$$
$$X_{1715} - 880Y_{1715} \leq +0 \quad \text{(G1715)} \quad (5211)$$
$$X_{1716} - 74Y_{1716} \leq +0 \quad \text{(G1716)} \quad (5212)$$
$$X_{1717} - 9Y_{1717} \leq +0 \quad \text{(G1717)} \quad (5213)$$
$$X_{1718} - 2Y_{1718} \leq +0 \quad \text{(G1718)} \quad (5214)$$
$$X_{1719} - 114Y_{1719} \leq +0 \quad \text{(G1719)} \quad (5215)$$
$$X_{1720} - Y_{1720} \leq +0 \quad \text{(G1720)} \quad (5216)$$
$$X_{1721} - 338Y_{1721} \leq +0 \quad \text{(G1721)} \quad (5217)$$
$$X_{1722} - 661Y_{1722} \leq +0 \quad \text{(G1722)} \quad (5218)$$
$$X_{1723} - 603Y_{1723} \leq +0 \quad \text{(G1723)} \quad (5219)$$
$$X_{1724} - 880Y_{1724} \leq +0 \quad \text{(G1724)} \quad (5220)$$
$$X_{1725} - 6Y_{1725} \leq +0 \quad \text{(G1725)} \quad (5221)$$
$$X_{1726} - 2Y_{1726} \leq +0 \quad \text{(G1726)} \quad (5222)$$

$$X_{1727} - 544Y_{1727} \leq +0 \quad \text{(G1727)} \quad (5223)$$
$$X_{1728} - 880Y_{1728} \leq +0 \quad \text{(G1728)} \quad (5224)$$
$$X_{1729} - 406Y_{1729} \leq +0 \quad \text{(G1729)} \quad (5225)$$
$$X_{1730} - 880Y_{1730} \leq +0 \quad \text{(G1730)} \quad (5226)$$
$$X_{1731} - 12Y_{1731} \leq +0 \quad \text{(G1731)} \quad (5227)$$
$$X_{1732} - 242Y_{1732} \leq +0 \quad \text{(G1732)} \quad (5228)$$
$$X_{1733} - 246Y_{1733} \leq +0 \quad \text{(G1733)} \quad (5229)$$
$$X_{1734} - 17Y_{1734} \leq +0 \quad \text{(G1734)} \quad (5230)$$
$$X_{1735} - 673Y_{1735} \leq +0 \quad \text{(G1735)} \quad (5231)$$
$$X_{1736} - 5Y_{1736} \leq +0 \quad \text{(G1736)} \quad (5232)$$
$$X_{1737} - 880Y_{1737} \leq +0 \quad \text{(G1737)} \quad (5233)$$
$$X_{1738} - 3Y_{1738} \leq +0 \quad \text{(G1738)} \quad (5234)$$
$$X_{1739} - 2Y_{1739} \leq +0 \quad \text{(G1739)} \quad (5235)$$
$$X_{1740} - 708Y_{1740} \leq +0 \quad \text{(G1740)} \quad (5236)$$
$$X_{1741} - 880Y_{1741} \leq +0 \quad \text{(G1741)} \quad (5237)$$
$$X_{1742} - 618Y_{1742} \leq +0 \quad \text{(G1742)} \quad (5238)$$
$$X_{1743} - 38Y_{1743} \leq +0 \quad \text{(G1743)} \quad (5239)$$
$$X_{1744} - 703Y_{1744} \leq +0 \quad \text{(G1744)} \quad (5240)$$
$$X_{1745} - 880Y_{1745} \leq +0 \quad \text{(G1745)} \quad (5241)$$
$$X_{1746} - 880Y_{1746} \leq +0 \quad \text{(G1746)} \quad (5242)$$
$$X_{1747} - 796Y_{1747} \leq +0 \quad \text{(G1747)} \quad (5243)$$
$$X_{1748} - 338Y_{1748} \leq +0 \quad \text{(G1748)} \quad (5244)$$
$$X_{1749} - 488Y_{1749} \leq +0 \quad \text{(G1749)} \quad (5245)$$
$$X_{1750} - 11Y_{1750} \leq +0 \quad \text{(G1750)} \quad (5246)$$
$$X_{1751} - 231Y_{1751} \leq +0 \quad \text{(G1751)} \quad (5247)$$
$$X_{1752} - 6Y_{1752} \leq +0 \quad \text{(G1752)} \quad (5248)$$
$$X_{1753} - 255Y_{1753} \leq +0 \quad \text{(G1753)} \quad (5249)$$
$$X_{1754} - 880Y_{1754} \leq +0 \quad \text{(G1754)} \quad (5250)$$
$$X_{1755} - 880Y_{1755} \leq +0 \quad \text{(G1755)} \quad (5251)$$
$$X_{1756} - 731Y_{1756} \leq +0 \quad \text{(G1756)} \quad (5252)$$
$$X_{1757} - 572Y_{1757} \leq +0 \quad \text{(G1757)} \quad (5253)$$
$$X_{1758} - 79Y_{1758} \leq +0 \quad \text{(G1758)} \quad (5254)$$
$$X_{1759} - 2Y_{1759} \leq +0 \quad \text{(G1759)} \quad (5255)$$
$$X_{1760} - 11Y_{1760} \leq +0 \quad \text{(G1760)} \quad (5256)$$
$$X_{1761} - 416Y_{1761} \leq +0 \quad \text{(G1761)} \quad (5257)$$
$$X_{1762} - 28Y_{1762} \leq +0 \quad \text{(G1762)} \quad (5258)$$
$$X_{1763} - 567Y_{1763} \leq +0 \quad \text{(G1763)} \quad (5259)$$
$$X_{1764} - 468Y_{1764} \leq +0 \quad \text{(G1764)} \quad (5260)$$
$$X_{1765} - 880Y_{1765} \leq +0 \quad \text{(G1765)} \quad (5261)$$
$$X_{1766} - 9Y_{1766} \leq +0 \quad \text{(G1766)} \quad (5262)$$
$$X_{1767} - 192Y_{1767} \leq +0 \quad \text{(G1767)} \quad (5263)$$
$$X_{1768} - 295Y_{1768} \leq +0 \quad \text{(G1768)} \quad (5264)$$

$$X_{1769} - 8Y_{1769} \leq +0 \quad \text{(G1769)} \quad (5265)$$

$$X_{1770} - 880Y_{1770} \leq +0 \quad \text{(G1770)} \quad (5266)$$

$$X_{1771} - 880Y_{1771} \leq +0 \quad \text{(G1771)} \quad (5267)$$

$$X_{1772} - 546Y_{1772} \leq +0 \quad \text{(G1772)} \quad (5268)$$

$$X_{1773} - 880Y_{1773} \leq +0 \quad \text{(G1773)} \quad (5269)$$

$$X_{1774} - 70Y_{1774} \leq +0 \quad \text{(G1774)} \quad (5270)$$

$$X_{1775} - 264Y_{1775} \leq +0 \quad \text{(G1775)} \quad (5271)$$

$$X_{1776} - 782Y_{1776} \leq +0 \quad \text{(G1776)} \quad (5272)$$

$$X_{1777} - 880Y_{1777} \leq +0 \quad \text{(G1777)} \quad (5273)$$

$$X_{1778} - 3Y_{1778} \leq +0 \quad \text{(G1778)} \quad (5274)$$

$$X_{1779} - 515Y_{1779} \leq +0 \quad \text{(G1779)} \quad (5275)$$

$$X_{1780} - 3Y_{1780} \leq +0 \quad \text{(G1780)} \quad (5276)$$

$$X_{1781} - 509Y_{1781} \leq +0 \quad \text{(G1781)} \quad (5277)$$

$$X_{1782} - 339Y_{1782} \leq +0 \quad \text{(G1782)} \quad (5278)$$

$$X_{1783} - 441Y_{1783} \leq +0 \quad \text{(G1783)} \quad (5279)$$

$$X_{1784} - 48Y_{1784} \leq +0 \quad \text{(G1784)} \quad (5280)$$

$$X_{1785} - 14Y_{1785} \leq +0 \quad \text{(G1785)} \quad (5281)$$

$$X_{1786} - 5Y_{1786} \leq +0 \quad \text{(G1786)} \quad (5282)$$

$$X_{1787} - 421Y_{1787} \leq +0 \quad \text{(G1787)} \quad (5283)$$

$$X_{1788} - 245Y_{1788} \leq +0 \quad \text{(G1788)} \quad (5284)$$

$$X_{1789} - 506Y_{1789} \leq +0 \quad \text{(G1789)} \quad (5285)$$

$$X_{1790} - 12Y_{1790} \leq +0 \quad \text{(G1790)} \quad (5286)$$

$$X_{1791} - 312Y_{1791} \leq +0 \quad \text{(G1791)} \quad (5287)$$

$$X_{1792} - 8Y_{1792} \leq +0 \quad \text{(G1792)} \quad (5288)$$

$$X_{1793} - 691Y_{1793} \leq +0 \quad \text{(G1793)} \quad (5289)$$

$$X_{1794} - 15Y_{1794} \leq +0 \quad \text{(G1794)} \quad (5290)$$

$$X_{1795} - 427Y_{1795} \leq +0 \quad \text{(G1795)} \quad (5291)$$

$$X_{1796} - 547Y_{1796} \leq +0 \quad \text{(G1796)} \quad (5292)$$

$$X_{1797} - 880Y_{1797} \leq +0 \quad \text{(G1797)} \quad (5293)$$

$$X_{1798} - 817Y_{1798} \leq +0 \quad \text{(G1798)} \quad (5294)$$

$$X_{1799} - 589Y_{1799} \leq +0 \quad \text{(G1799)} \quad (5295)$$

$$X_{1800} - 877Y_{1800} \leq +0 \quad \text{(G1800)} \quad (5296)$$

$$X_{1801} - 394Y_{1801} \leq +0 \quad \text{(G1801)} \quad (5297)$$

$$X_{1802} - 11Y_{1802} \leq +0 \quad \text{(G1802)} \quad (5298)$$

$$X_{1803} - 535Y_{1803} \leq +0 \quad \text{(G1803)} \quad (5299)$$

$$X_{1804} - 182Y_{1804} \leq +0 \quad \text{(G1804)} \quad (5300)$$

$$X_{1805} - 573Y_{1805} \leq +0 \quad \text{(G1805)} \quad (5301)$$

$$X_{1806} - 136Y_{1806} \leq +0 \quad \text{(G1806)} \quad (5302)$$

$$X_{1807} - 589Y_{1807} \leq +0 \quad \text{(G1807)} \quad (5303)$$

$$X_{1808} - 571Y_{1808} \leq +0 \quad \text{(G1808)} \quad (5304)$$

$$X_{1809} - 8Y_{1809} \leq +0 \quad \text{(G1809)} \quad (5305)$$

$$X_{1810} - 1925Y_{1810} \leq +0 \quad \text{(G1810)} \quad (5306)$$

$$X_{1811} - 112Y_{1811} \leq +0 \quad \text{(G1811)} \quad (5307)$$
$$X_{1812} - 64Y_{1812} \leq +0 \quad \text{(G1812)} \quad (5308)$$
$$X_{1813} - 528Y_{1813} \leq +0 \quad \text{(G1813)} \quad (5309)$$
$$X_{1814} - 19Y_{1814} \leq +0 \quad \text{(G1814)} \quad (5310)$$
$$X_{1815} - 1571Y_{1815} \leq +0 \quad \text{(G1815)} \quad (5311)$$
$$X_{1816} - 74Y_{1816} \leq +0 \quad \text{(G1816)} \quad (5312)$$
$$X_{1817} - 9Y_{1817} \leq +0 \quad \text{(G1817)} \quad (5313)$$
$$X_{1818} - 2Y_{1818} \leq +0 \quad \text{(G1818)} \quad (5314)$$
$$X_{1819} - 114Y_{1819} \leq +0 \quad \text{(G1819)} \quad (5315)$$
$$X_{1820} - Y_{1820} \leq +0 \quad \text{(G1820)} \quad (5316)$$
$$X_{1821} - 338Y_{1821} \leq +0 \quad \text{(G1821)} \quad (5317)$$
$$X_{1822} - 661Y_{1822} \leq +0 \quad \text{(G1822)} \quad (5318)$$
$$X_{1823} - 603Y_{1823} \leq +0 \quad \text{(G1823)} \quad (5319)$$
$$X_{1824} - 1274Y_{1824} \leq +0 \quad \text{(G1824)} \quad (5320)$$
$$X_{1825} - 6Y_{1825} \leq +0 \quad \text{(G1825)} \quad (5321)$$
$$X_{1826} - 2Y_{1826} \leq +0 \quad \text{(G1826)} \quad (5322)$$
$$X_{1827} - 544Y_{1827} \leq +0 \quad \text{(G1827)} \quad (5323)$$
$$X_{1828} - 1727Y_{1828} \leq +0 \quad \text{(G1828)} \quad (5324)$$
$$X_{1829} - 406Y_{1829} \leq +0 \quad \text{(G1829)} \quad (5325)$$
$$X_{1830} - 911Y_{1830} \leq +0 \quad \text{(G1830)} \quad (5326)$$
$$X_{1831} - 12Y_{1831} \leq +0 \quad \text{(G1831)} \quad (5327)$$
$$X_{1832} - 242Y_{1832} \leq +0 \quad \text{(G1832)} \quad (5328)$$
$$X_{1833} - 246Y_{1833} \leq +0 \quad \text{(G1833)} \quad (5329)$$
$$X_{1834} - 17Y_{1834} \leq +0 \quad \text{(G1834)} \quad (5330)$$
$$X_{1835} - 673Y_{1835} \leq +0 \quad \text{(G1835)} \quad (5331)$$
$$X_{1836} - 5Y_{1836} \leq +0 \quad \text{(G1836)} \quad (5332)$$
$$X_{1837} - 1097Y_{1837} \leq +0 \quad \text{(G1837)} \quad (5333)$$
$$X_{1838} - 3Y_{1838} \leq +0 \quad \text{(G1838)} \quad (5334)$$
$$X_{1839} - 2Y_{1839} \leq +0 \quad \text{(G1839)} \quad (5335)$$
$$X_{1840} - 708Y_{1840} \leq +0 \quad \text{(G1840)} \quad (5336)$$
$$X_{1841} - 2134Y_{1841} \leq +0 \quad \text{(G1841)} \quad (5337)$$
$$X_{1842} - 618Y_{1842} \leq +0 \quad \text{(G1842)} \quad (5338)$$
$$X_{1843} - 38Y_{1843} \leq +0 \quad \text{(G1843)} \quad (5339)$$
$$X_{1844} - 703Y_{1844} \leq +0 \quad \text{(G1844)} \quad (5340)$$
$$X_{1845} - 1663Y_{1845} \leq +0 \quad \text{(G1845)} \quad (5341)$$
$$X_{1846} - 1070Y_{1846} \leq +0 \quad \text{(G1846)} \quad (5342)$$
$$X_{1847} - 796Y_{1847} \leq +0 \quad \text{(G1847)} \quad (5343)$$
$$X_{1848} - 338Y_{1848} \leq +0 \quad \text{(G1848)} \quad (5344)$$
$$X_{1849} - 488Y_{1849} \leq +0 \quad \text{(G1849)} \quad (5345)$$
$$X_{1850} - 11Y_{1850} \leq +0 \quad \text{(G1850)} \quad (5346)$$
$$X_{1851} - 231Y_{1851} \leq +0 \quad \text{(G1851)} \quad (5347)$$
$$X_{1852} - 6Y_{1852} \leq +0 \quad \text{(G1852)} \quad (5348)$$

$$X_{1853} - 255Y_{1853} \leq +0 \quad \text{(G1853)} \quad (5349)$$

$$X_{1854} - 1422Y_{1854} \leq +0 \quad \text{(G1854)} \quad (5350)$$

$$X_{1855} - 1017Y_{1855} \leq +0 \quad \text{(G1855)} \quad (5351)$$

$$X_{1856} - 731Y_{1856} \leq +0 \quad \text{(G1856)} \quad (5352)$$

$$X_{1857} - 572Y_{1857} \leq +0 \quad \text{(G1857)} \quad (5353)$$

$$X_{1858} - 79Y_{1858} \leq +0 \quad \text{(G1858)} \quad (5354)$$

$$X_{1859} - 2Y_{1859} \leq +0 \quad \text{(G1859)} \quad (5355)$$

$$X_{1860} - 11Y_{1860} \leq +0 \quad \text{(G1860)} \quad (5356)$$

$$X_{1861} - 416Y_{1861} \leq +0 \quad \text{(G1861)} \quad (5357)$$

$$X_{1862} - 28Y_{1862} \leq +0 \quad \text{(G1862)} \quad (5358)$$

$$X_{1863} - 567Y_{1863} \leq +0 \quad \text{(G1863)} \quad (5359)$$

$$X_{1864} - 468Y_{1864} \leq +0 \quad \text{(G1864)} \quad (5360)$$

$$X_{1865} - 1678Y_{1865} \leq +0 \quad \text{(G1865)} \quad (5361)$$

$$X_{1866} - 9Y_{1866} \leq +0 \quad \text{(G1866)} \quad (5362)$$

$$X_{1867} - 192Y_{1867} \leq +0 \quad \text{(G1867)} \quad (5363)$$

$$X_{1868} - 295Y_{1868} \leq +0 \quad \text{(G1868)} \quad (5364)$$

$$X_{1869} - 8Y_{1869} \leq +0 \quad \text{(G1869)} \quad (5365)$$

$$X_{1870} - 1139Y_{1870} \leq +0 \quad \text{(G1870)} \quad (5366)$$

$$X_{1871} - 2145Y_{1871} \leq +0 \quad \text{(G1871)} \quad (5367)$$

$$X_{1872} - 546Y_{1872} \leq +0 \quad \text{(G1872)} \quad (5368)$$

$$X_{1873} - 1517Y_{1873} \leq +0 \quad \text{(G1873)} \quad (5369)$$

$$X_{1874} - 70Y_{1874} \leq +0 \quad \text{(G1874)} \quad (5370)$$

$$X_{1875} - 264Y_{1875} \leq +0 \quad \text{(G1875)} \quad (5371)$$

$$X_{1876} - 782Y_{1876} \leq +0 \quad \text{(G1876)} \quad (5372)$$

$$X_{1877} - 1561Y_{1877} \leq +0 \quad \text{(G1877)} \quad (5373)$$

$$X_{1878} - 3Y_{1878} \leq +0 \quad \text{(G1878)} \quad (5374)$$

$$X_{1879} - 515Y_{1879} \leq +0 \quad \text{(G1879)} \quad (5375)$$

$$X_{1880} - 3Y_{1880} \leq +0 \quad \text{(G1880)} \quad (5376)$$

$$X_{1881} - 509Y_{1881} \leq +0 \quad \text{(G1881)} \quad (5377)$$

$$X_{1882} - 339Y_{1882} \leq +0 \quad \text{(G1882)} \quad (5378)$$

$$X_{1883} - 441Y_{1883} \leq +0 \quad \text{(G1883)} \quad (5379)$$

$$X_{1884} - 48Y_{1884} \leq +0 \quad \text{(G1884)} \quad (5380)$$

$$X_{1885} - 14Y_{1885} \leq +0 \quad \text{(G1885)} \quad (5381)$$

$$X_{1886} - 5Y_{1886} \leq +0 \quad \text{(G1886)} \quad (5382)$$

$$X_{1887} - 421Y_{1887} \leq +0 \quad \text{(G1887)} \quad (5383)$$

$$X_{1888} - 245Y_{1888} \leq +0 \quad \text{(G1888)} \quad (5384)$$

$$X_{1889} - 506Y_{1889} \leq +0 \quad \text{(G1889)} \quad (5385)$$

$$X_{1890} - 12Y_{1890} \leq +0 \quad \text{(G1890)} \quad (5386)$$

$$X_{1891} - 312Y_{1891} \leq +0 \quad \text{(G1891)} \quad (5387)$$

$$X_{1892} - 8Y_{1892} \leq +0 \quad \text{(G1892)} \quad (5388)$$

$$X_{1893} - 691Y_{1893} \leq +0 \quad \text{(G1893)} \quad (5389)$$

$$X_{1894} - 15Y_{1894} \leq +0 \quad \text{(G1894)} \quad (5390)$$

$$X_{1895} - 427Y_{1895} \leq +0 \quad \text{(G1895)} \quad (5391)$$
$$X_{1896} - 547Y_{1896} \leq +0 \quad \text{(G1896)} \quad (5392)$$
$$X_{1897} - 1891Y_{1897} \leq +0 \quad \text{(G1897)} \quad (5393)$$
$$X_{1898} - 817Y_{1898} \leq +0 \quad \text{(G1898)} \quad (5394)$$
$$X_{1899} - 589Y_{1899} \leq +0 \quad \text{(G1899)} \quad (5395)$$
$$X_{1900} - 431Y_{1900} \leq +0 \quad \text{(G1900)} \quad (5396)$$
$$X_{1901} - 394Y_{1901} \leq +0 \quad \text{(G1901)} \quad (5397)$$
$$X_{1902} - 11Y_{1902} \leq +0 \quad \text{(G1902)} \quad (5398)$$
$$X_{1903} - 431Y_{1903} \leq +0 \quad \text{(G1903)} \quad (5399)$$
$$X_{1904} - 182Y_{1904} \leq +0 \quad \text{(G1904)} \quad (5400)$$
$$X_{1905} - 431Y_{1905} \leq +0 \quad \text{(G1905)} \quad (5401)$$
$$X_{1906} - 136Y_{1906} \leq +0 \quad \text{(G1906)} \quad (5402)$$
$$X_{1907} - 431Y_{1907} \leq +0 \quad \text{(G1907)} \quad (5403)$$
$$X_{1908} - 431Y_{1908} \leq +0 \quad \text{(G1908)} \quad (5404)$$
$$X_{1909} - 8Y_{1909} \leq +0 \quad \text{(G1909)} \quad (5405)$$
$$X_{1910} - 431Y_{1910} \leq +0 \quad \text{(G1910)} \quad (5406)$$
$$X_{1911} - 112Y_{1911} \leq +0 \quad \text{(G1911)} \quad (5407)$$
$$X_{1912} - 64Y_{1912} \leq +0 \quad \text{(G1912)} \quad (5408)$$
$$X_{1913} - 431Y_{1913} \leq +0 \quad \text{(G1913)} \quad (5409)$$
$$X_{1914} - 19Y_{1914} \leq +0 \quad \text{(G1914)} \quad (5410)$$
$$X_{1915} - 431Y_{1915} \leq +0 \quad \text{(G1915)} \quad (5411)$$
$$X_{1916} - 74Y_{1916} \leq +0 \quad \text{(G1916)} \quad (5412)$$
$$X_{1917} - 9Y_{1917} \leq +0 \quad \text{(G1917)} \quad (5413)$$
$$X_{1918} - 2Y_{1918} \leq +0 \quad \text{(G1918)} \quad (5414)$$
$$X_{1919} - 114Y_{1919} \leq +0 \quad \text{(G1919)} \quad (5415)$$
$$X_{1920} - Y_{1920} \leq +0 \quad \text{(G1920)} \quad (5416)$$
$$X_{1921} - 338Y_{1921} \leq +0 \quad \text{(G1921)} \quad (5417)$$
$$X_{1922} - 431Y_{1922} \leq +0 \quad \text{(G1922)} \quad (5418)$$
$$X_{1923} - 431Y_{1923} \leq +0 \quad \text{(G1923)} \quad (5419)$$
$$X_{1924} - 431Y_{1924} \leq +0 \quad \text{(G1924)} \quad (5420)$$
$$X_{1925} - 6Y_{1925} \leq +0 \quad \text{(G1925)} \quad (5421)$$
$$X_{1926} - 2Y_{1926} \leq +0 \quad \text{(G1926)} \quad (5422)$$
$$X_{1927} - 431Y_{1927} \leq +0 \quad \text{(G1927)} \quad (5423)$$
$$X_{1928} - 431Y_{1928} \leq +0 \quad \text{(G1928)} \quad (5424)$$
$$X_{1929} - 406Y_{1929} \leq +0 \quad \text{(G1929)} \quad (5425)$$
$$X_{1930} - 431Y_{1930} \leq +0 \quad \text{(G1930)} \quad (5426)$$
$$X_{1931} - 12Y_{1931} \leq +0 \quad \text{(G1931)} \quad (5427)$$
$$X_{1932} - 242Y_{1932} \leq +0 \quad \text{(G1932)} \quad (5428)$$
$$X_{1933} - 246Y_{1933} \leq +0 \quad \text{(G1933)} \quad (5429)$$
$$X_{1934} - 17Y_{1934} \leq +0 \quad \text{(G1934)} \quad (5430)$$
$$X_{1935} - 431Y_{1935} \leq +0 \quad \text{(G1935)} \quad (5431)$$
$$X_{1936} - 5Y_{1936} \leq +0 \quad \text{(G1936)} \quad (5432)$$

$$X_{1937} - 431Y_{1937} \leq +0 \quad \text{(G1937)} \quad (5433)$$
$$X_{1938} - 3Y_{1938} \leq +0 \quad \text{(G1938)} \quad (5434)$$
$$X_{1939} - 2Y_{1939} \leq +0 \quad \text{(G1939)} \quad (5435)$$
$$X_{1940} - 431Y_{1940} \leq +0 \quad \text{(G1940)} \quad (5436)$$
$$X_{1941} - 431Y_{1941} \leq +0 \quad \text{(G1941)} \quad (5437)$$
$$X_{1942} - 431Y_{1942} \leq +0 \quad \text{(G1942)} \quad (5438)$$
$$X_{1943} - 38Y_{1943} \leq +0 \quad \text{(G1943)} \quad (5439)$$
$$X_{1944} - 431Y_{1944} \leq +0 \quad \text{(G1944)} \quad (5440)$$
$$X_{1945} - 431Y_{1945} \leq +0 \quad \text{(G1945)} \quad (5441)$$
$$X_{1946} - 431Y_{1946} \leq +0 \quad \text{(G1946)} \quad (5442)$$
$$X_{1947} - 431Y_{1947} \leq +0 \quad \text{(G1947)} \quad (5443)$$
$$X_{1948} - 338Y_{1948} \leq +0 \quad \text{(G1948)} \quad (5444)$$
$$X_{1949} - 431Y_{1949} \leq +0 \quad \text{(G1949)} \quad (5445)$$
$$X_{1950} - 11Y_{1950} \leq +0 \quad \text{(G1950)} \quad (5446)$$
$$X_{1951} - 231Y_{1951} \leq +0 \quad \text{(G1951)} \quad (5447)$$
$$X_{1952} - 6Y_{1952} \leq +0 \quad \text{(G1952)} \quad (5448)$$
$$X_{1953} - 255Y_{1953} \leq +0 \quad \text{(G1953)} \quad (5449)$$
$$X_{1954} - 431Y_{1954} \leq +0 \quad \text{(G1954)} \quad (5450)$$
$$X_{1955} - 431Y_{1955} \leq +0 \quad \text{(G1955)} \quad (5451)$$
$$X_{1956} - 431Y_{1956} \leq +0 \quad \text{(G1956)} \quad (5452)$$
$$X_{1957} - 431Y_{1957} \leq +0 \quad \text{(G1957)} \quad (5453)$$
$$X_{1958} - 79Y_{1958} \leq +0 \quad \text{(G1958)} \quad (5454)$$
$$X_{1959} - 2Y_{1959} \leq +0 \quad \text{(G1959)} \quad (5455)$$
$$X_{1960} - 11Y_{1960} \leq +0 \quad \text{(G1960)} \quad (5456)$$
$$X_{1961} - 416Y_{1961} \leq +0 \quad \text{(G1961)} \quad (5457)$$
$$X_{1962} - 28Y_{1962} \leq +0 \quad \text{(G1962)} \quad (5458)$$
$$X_{1963} - 431Y_{1963} \leq +0 \quad \text{(G1963)} \quad (5459)$$
$$X_{1964} - 431Y_{1964} \leq +0 \quad \text{(G1964)} \quad (5460)$$
$$X_{1965} - 431Y_{1965} \leq +0 \quad \text{(G1965)} \quad (5461)$$
$$X_{1966} - 9Y_{1966} \leq +0 \quad \text{(G1966)} \quad (5462)$$
$$X_{1967} - 192Y_{1967} \leq +0 \quad \text{(G1967)} \quad (5463)$$
$$X_{1968} - 295Y_{1968} \leq +0 \quad \text{(G1968)} \quad (5464)$$
$$X_{1969} - 8Y_{1969} \leq +0 \quad \text{(G1969)} \quad (5465)$$
$$X_{1970} - 431Y_{1970} \leq +0 \quad \text{(G1970)} \quad (5466)$$
$$X_{1971} - 431Y_{1971} \leq +0 \quad \text{(G1971)} \quad (5467)$$
$$X_{1972} - 431Y_{1972} \leq +0 \quad \text{(G1972)} \quad (5468)$$
$$X_{1973} - 431Y_{1973} \leq +0 \quad \text{(G1973)} \quad (5469)$$
$$X_{1974} - 70Y_{1974} \leq +0 \quad \text{(G1974)} \quad (5470)$$
$$X_{1975} - 264Y_{1975} \leq +0 \quad \text{(G1975)} \quad (5471)$$
$$X_{1976} - 431Y_{1976} \leq +0 \quad \text{(G1976)} \quad (5472)$$
$$X_{1977} - 431Y_{1977} \leq +0 \quad \text{(G1977)} \quad (5473)$$
$$X_{1978} - 3Y_{1978} \leq +0 \quad \text{(G1978)} \quad (5474)$$

$$X_{1979} - 431Y_{1979} \leq +0 \quad \text{(G1979)} \quad (5475)$$
$$X_{1980} - 3Y_{1980} \leq +0 \quad \text{(G1980)} \quad (5476)$$
$$X_{1981} - 431Y_{1981} \leq +0 \quad \text{(G1981)} \quad (5477)$$
$$X_{1982} - 339Y_{1982} \leq +0 \quad \text{(G1982)} \quad (5478)$$
$$X_{1983} - 431Y_{1983} \leq +0 \quad \text{(G1983)} \quad (5479)$$
$$X_{1984} - 48Y_{1984} \leq +0 \quad \text{(G1984)} \quad (5480)$$
$$X_{1985} - 14Y_{1985} \leq +0 \quad \text{(G1985)} \quad (5481)$$
$$X_{1986} - 5Y_{1986} \leq +0 \quad \text{(G1986)} \quad (5482)$$
$$X_{1987} - 421Y_{1987} \leq +0 \quad \text{(G1987)} \quad (5483)$$
$$X_{1988} - 245Y_{1988} \leq +0 \quad \text{(G1988)} \quad (5484)$$
$$X_{1989} - 431Y_{1989} \leq +0 \quad \text{(G1989)} \quad (5485)$$
$$X_{1990} - 12Y_{1990} \leq +0 \quad \text{(G1990)} \quad (5486)$$
$$X_{1991} - 312Y_{1991} \leq +0 \quad \text{(G1991)} \quad (5487)$$
$$X_{1992} - 8Y_{1992} \leq +0 \quad \text{(G1992)} \quad (5488)$$
$$X_{1993} - 431Y_{1993} \leq +0 \quad \text{(G1993)} \quad (5489)$$
$$X_{1994} - 15Y_{1994} \leq +0 \quad \text{(G1994)} \quad (5490)$$
$$X_{1995} - 427Y_{1995} \leq +0 \quad \text{(G1995)} \quad (5491)$$
$$X_{1996} - 431Y_{1996} \leq +0 \quad \text{(G1996)} \quad (5492)$$
$$X_{1997} - 431Y_{1997} \leq +0 \quad \text{(G1997)} \quad (5493)$$
$$X_{1998} - 431Y_{1998} \leq +0 \quad \text{(G1998)} \quad (5494)$$
$$X_{1999} - 431Y_{1999} \leq +0 \quad \text{(G1999)} \quad (5495)$$
$$X_{2000} - 257Y_{2000} \leq +0 \quad \text{(G2000)} \quad (5496)$$
$$X_{2001} - 257Y_{2001} \leq +0 \quad \text{(G2001)} \quad (5497)$$
$$X_{2002} - 11Y_{2002} \leq +0 \quad \text{(G2002)} \quad (5498)$$
$$X_{2003} - 257Y_{2003} \leq +0 \quad \text{(G2003)} \quad (5499)$$
$$X_{2004} - 182Y_{2004} \leq +0 \quad \text{(G2004)} \quad (5500)$$
$$X_{2005} - 257Y_{2005} \leq +0 \quad \text{(G2005)} \quad (5501)$$
$$X_{2006} - 136Y_{2006} \leq +0 \quad \text{(G2006)} \quad (5502)$$
$$X_{2007} - 257Y_{2007} \leq +0 \quad \text{(G2007)} \quad (5503)$$
$$X_{2008} - 257Y_{2008} \leq +0 \quad \text{(G2008)} \quad (5504)$$
$$X_{2009} - 8Y_{2009} \leq +0 \quad \text{(G2009)} \quad (5505)$$
$$X_{2010} - 257Y_{2010} \leq +0 \quad \text{(G2010)} \quad (5506)$$
$$X_{2011} - 112Y_{2011} \leq +0 \quad \text{(G2011)} \quad (5507)$$
$$X_{2012} - 64Y_{2012} \leq +0 \quad \text{(G2012)} \quad (5508)$$
$$X_{2013} - 257Y_{2013} \leq +0 \quad \text{(G2013)} \quad (5509)$$
$$X_{2014} - 19Y_{2014} \leq +0 \quad \text{(G2014)} \quad (5510)$$
$$X_{2015} - 257Y_{2015} \leq +0 \quad \text{(G2015)} \quad (5511)$$
$$X_{2016} - 74Y_{2016} \leq +0 \quad \text{(G2016)} \quad (5512)$$
$$X_{2017} - 9Y_{2017} \leq +0 \quad \text{(G2017)} \quad (5513)$$
$$X_{2018} - 2Y_{2018} \leq +0 \quad \text{(G2018)} \quad (5514)$$
$$X_{2019} - 114Y_{2019} \leq +0 \quad \text{(G2019)} \quad (5515)$$
$$X_{2020} - Y_{2020} \leq +0 \quad \text{(G2020)} \quad (5516)$$

$$X_{2021} - 257Y_{2021} \leq +0 \quad \text{(G2021)} \quad (5517)$$

$$X_{2022} - 257Y_{2022} \leq +0 \quad \text{(G2022)} \quad (5518)$$

$$X_{2023} - 257Y_{2023} \leq +0 \quad \text{(G2023)} \quad (5519)$$

$$X_{2024} - 257Y_{2024} \leq +0 \quad \text{(G2024)} \quad (5520)$$

$$X_{2025} - 6Y_{2025} \leq +0 \quad \text{(G2025)} \quad (5521)$$

$$X_{2026} - 2Y_{2026} \leq +0 \quad \text{(G2026)} \quad (5522)$$

$$X_{2027} - 257Y_{2027} \leq +0 \quad \text{(G2027)} \quad (5523)$$

$$X_{2028} - 257Y_{2028} \leq +0 \quad \text{(G2028)} \quad (5524)$$

$$X_{2029} - 257Y_{2029} \leq +0 \quad \text{(G2029)} \quad (5525)$$

$$X_{2030} - 257Y_{2030} \leq +0 \quad \text{(G2030)} \quad (5526)$$

$$X_{2031} - 12Y_{2031} \leq +0 \quad \text{(G2031)} \quad (5527)$$

$$X_{2032} - 242Y_{2032} \leq +0 \quad \text{(G2032)} \quad (5528)$$

$$X_{2033} - 246Y_{2033} \leq +0 \quad \text{(G2033)} \quad (5529)$$

$$X_{2034} - 17Y_{2034} \leq +0 \quad \text{(G2034)} \quad (5530)$$

$$X_{2035} - 257Y_{2035} \leq +0 \quad \text{(G2035)} \quad (5531)$$

$$X_{2036} - 5Y_{2036} \leq +0 \quad \text{(G2036)} \quad (5532)$$

$$X_{2037} - 257Y_{2037} \leq +0 \quad \text{(G2037)} \quad (5533)$$

$$X_{2038} - 3Y_{2038} \leq +0 \quad \text{(G2038)} \quad (5534)$$

$$X_{2039} - 2Y_{2039} \leq +0 \quad \text{(G2039)} \quad (5535)$$

$$X_{2040} - 257Y_{2040} \leq +0 \quad \text{(G2040)} \quad (5536)$$

$$X_{2041} - 257Y_{2041} \leq +0 \quad \text{(G2041)} \quad (5537)$$

$$X_{2042} - 257Y_{2042} \leq +0 \quad \text{(G2042)} \quad (5538)$$

$$X_{2043} - 38Y_{2043} \leq +0 \quad \text{(G2043)} \quad (5539)$$

$$X_{2044} - 257Y_{2044} \leq +0 \quad \text{(G2044)} \quad (5540)$$

$$X_{2045} - 257Y_{2045} \leq +0 \quad \text{(G2045)} \quad (5541)$$

$$X_{2046} - 257Y_{2046} \leq +0 \quad \text{(G2046)} \quad (5542)$$

$$X_{2047} - 257Y_{2047} \leq +0 \quad \text{(G2047)} \quad (5543)$$

$$X_{2048} - 257Y_{2048} \leq +0 \quad \text{(G2048)} \quad (5544)$$

$$X_{2049} - 257Y_{2049} \leq +0 \quad \text{(G2049)} \quad (5545)$$

$$X_{2050} - 11Y_{2050} \leq +0 \quad \text{(G2050)} \quad (5546)$$

$$X_{2051} - 231Y_{2051} \leq +0 \quad \text{(G2051)} \quad (5547)$$

$$X_{2052} - 6Y_{2052} \leq +0 \quad \text{(G2052)} \quad (5548)$$

$$X_{2053} - 255Y_{2053} \leq +0 \quad \text{(G2053)} \quad (5549)$$

$$X_{2054} - 257Y_{2054} \leq +0 \quad \text{(G2054)} \quad (5550)$$

$$X_{2055} - 257Y_{2055} \leq +0 \quad \text{(G2055)} \quad (5551)$$

$$X_{2056} - 257Y_{2056} \leq +0 \quad \text{(G2056)} \quad (5552)$$

$$X_{2057} - 257Y_{2057} \leq +0 \quad \text{(G2057)} \quad (5553)$$

$$X_{2058} - 79Y_{2058} \leq +0 \quad \text{(G2058)} \quad (5554)$$

$$X_{2059} - 2Y_{2059} \leq +0 \quad \text{(G2059)} \quad (5555)$$

$$X_{2060} - 11Y_{2060} \leq +0 \quad \text{(G2060)} \quad (5556)$$

$$X_{2061} - 257Y_{2061} \leq +0 \quad \text{(G2061)} \quad (5557)$$

$$X_{2062} - 28Y_{2062} \leq +0 \quad \text{(G2062)} \quad (5558)$$

$$X_{2063} - 257Y_{2063} \leq +0 \quad \text{(G2063)} \quad (5559)$$

$$X_{2064} - 257Y_{2064} \leq +0 \quad \text{(G2064)} \quad (5560)$$

$$X_{2065} - 257Y_{2065} \leq +0 \quad \text{(G2065)} \quad (5561)$$

$$X_{2066} - 9Y_{2066} \leq +0 \quad \text{(G2066)} \quad (5562)$$

$$X_{2067} - 192Y_{2067} \leq +0 \quad \text{(G2067)} \quad (5563)$$

$$X_{2068} - 257Y_{2068} \leq +0 \quad \text{(G2068)} \quad (5564)$$

$$X_{2069} - 8Y_{2069} \leq +0 \quad \text{(G2069)} \quad (5565)$$

$$X_{2070} - 257Y_{2070} \leq +0 \quad \text{(G2070)} \quad (5566)$$

$$X_{2071} - 257Y_{2071} \leq +0 \quad \text{(G2071)} \quad (5567)$$

$$X_{2072} - 257Y_{2072} \leq +0 \quad \text{(G2072)} \quad (5568)$$

$$X_{2073} - 257Y_{2073} \leq +0 \quad \text{(G2073)} \quad (5569)$$

$$X_{2074} - 70Y_{2074} \leq +0 \quad \text{(G2074)} \quad (5570)$$

$$X_{2075} - 257Y_{2075} \leq +0 \quad \text{(G2075)} \quad (5571)$$

$$X_{2076} - 257Y_{2076} \leq +0 \quad \text{(G2076)} \quad (5572)$$

$$X_{2077} - 257Y_{2077} \leq +0 \quad \text{(G2077)} \quad (5573)$$

$$X_{2078} - 3Y_{2078} \leq +0 \quad \text{(G2078)} \quad (5574)$$

$$X_{2079} - 257Y_{2079} \leq +0 \quad \text{(G2079)} \quad (5575)$$

$$X_{2080} - 3Y_{2080} \leq +0 \quad \text{(G2080)} \quad (5576)$$

$$X_{2081} - 257Y_{2081} \leq +0 \quad \text{(G2081)} \quad (5577)$$

$$X_{2082} - 257Y_{2082} \leq +0 \quad \text{(G2082)} \quad (5578)$$

$$X_{2083} - 257Y_{2083} \leq +0 \quad \text{(G2083)} \quad (5579)$$

$$X_{2084} - 48Y_{2084} \leq +0 \quad \text{(G2084)} \quad (5580)$$

$$X_{2085} - 14Y_{2085} \leq +0 \quad \text{(G2085)} \quad (5581)$$

$$X_{2086} - 5Y_{2086} \leq +0 \quad \text{(G2086)} \quad (5582)$$

$$X_{2087} - 257Y_{2087} \leq +0 \quad \text{(G2087)} \quad (5583)$$

$$X_{2088} - 245Y_{2088} \leq +0 \quad \text{(G2088)} \quad (5584)$$

$$X_{2089} - 257Y_{2089} \leq +0 \quad \text{(G2089)} \quad (5585)$$

$$X_{2090} - 12Y_{2090} \leq +0 \quad \text{(G2090)} \quad (5586)$$

$$X_{2091} - 257Y_{2091} \leq +0 \quad \text{(G2091)} \quad (5587)$$

$$X_{2092} - 8Y_{2092} \leq +0 \quad \text{(G2092)} \quad (5588)$$

$$X_{2093} - 257Y_{2093} \leq +0 \quad \text{(G2093)} \quad (5589)$$

$$X_{2094} - 15Y_{2094} \leq +0 \quad \text{(G2094)} \quad (5590)$$

$$X_{2095} - 257Y_{2095} \leq +0 \quad \text{(G2095)} \quad (5591)$$

$$X_{2096} - 257Y_{2096} \leq +0 \quad \text{(G2096)} \quad (5592)$$

$$X_{2097} - 257Y_{2097} \leq +0 \quad \text{(G2097)} \quad (5593)$$

$$X_{2098} - 257Y_{2098} \leq +0 \quad \text{(G2098)} \quad (5594)$$

$$X_{2099} - 257Y_{2099} \leq +0 \quad \text{(G2099)} \quad (5595)$$

$$X_{2100} - 551Y_{2100} \leq +0 \quad \text{(G2100)} \quad (5596)$$

$$X_{2101} - 394Y_{2101} \leq +0 \quad \text{(G2101)} \quad (5597)$$

$$X_{2102} - 11Y_{2102} \leq +0 \quad \text{(G2102)} \quad (5598)$$

$$X_{2103} - 535Y_{2103} \leq +0 \quad \text{(G2103)} \quad (5599)$$

$$X_{2104} - 182Y_{2104} \leq +0 \quad \text{(G2104)} \quad (5600)$$

$$X_{2105} - 551Y_{2105} \leq +0 \quad \text{(G2105)} \quad (5601)$$

$$X_{2106} - 136Y_{2106} \leq +0 \quad \text{(G2106)} \quad (5602)$$

$$X_{2107} - 551Y_{2107} \leq +0 \quad \text{(G2107)} \quad (5603)$$

$$X_{2108} - 551Y_{2108} \leq +0 \quad \text{(G2108)} \quad (5604)$$

$$X_{2109} - 8Y_{2109} \leq +0 \quad \text{(G2109)} \quad (5605)$$

$$X_{2110} - 551Y_{2110} \leq +0 \quad \text{(G2110)} \quad (5606)$$

$$X_{2111} - 112Y_{2111} \leq +0 \quad \text{(G2111)} \quad (5607)$$

$$X_{2112} - 64Y_{2112} \leq +0 \quad \text{(G2112)} \quad (5608)$$

$$X_{2113} - 528Y_{2113} \leq +0 \quad \text{(G2113)} \quad (5609)$$

$$X_{2114} - 19Y_{2114} \leq +0 \quad \text{(G2114)} \quad (5610)$$

$$X_{2115} - 551Y_{2115} \leq +0 \quad \text{(G2115)} \quad (5611)$$

$$X_{2116} - 74Y_{2116} \leq +0 \quad \text{(G2116)} \quad (5612)$$

$$X_{2117} - 9Y_{2117} \leq +0 \quad \text{(G2117)} \quad (5613)$$

$$X_{2118} - 2Y_{2118} \leq +0 \quad \text{(G2118)} \quad (5614)$$

$$X_{2119} - 114Y_{2119} \leq +0 \quad \text{(G2119)} \quad (5615)$$

$$X_{2120} - Y_{2120} \leq +0 \quad \text{(G2120)} \quad (5616)$$

$$X_{2121} - 338Y_{2121} \leq +0 \quad \text{(G2121)} \quad (5617)$$

$$X_{2122} - 551Y_{2122} \leq +0 \quad \text{(G2122)} \quad (5618)$$

$$X_{2123} - 551Y_{2123} \leq +0 \quad \text{(G2123)} \quad (5619)$$

$$X_{2124} - 551Y_{2124} \leq +0 \quad \text{(G2124)} \quad (5620)$$

$$X_{2125} - 6Y_{2125} \leq +0 \quad \text{(G2125)} \quad (5621)$$

$$X_{2126} - 2Y_{2126} \leq +0 \quad \text{(G2126)} \quad (5622)$$

$$X_{2127} - 544Y_{2127} \leq +0 \quad \text{(G2127)} \quad (5623)$$

$$X_{2128} - 551Y_{2128} \leq +0 \quad \text{(G2128)} \quad (5624)$$

$$X_{2129} - 406Y_{2129} \leq +0 \quad \text{(G2129)} \quad (5625)$$

$$X_{2130} - 551Y_{2130} \leq +0 \quad \text{(G2130)} \quad (5626)$$

$$X_{2131} - 12Y_{2131} \leq +0 \quad \text{(G2131)} \quad (5627)$$

$$X_{2132} - 242Y_{2132} \leq +0 \quad \text{(G2132)} \quad (5628)$$

$$X_{2133} - 246Y_{2133} \leq +0 \quad \text{(G2133)} \quad (5629)$$

$$X_{2134} - 17Y_{2134} \leq +0 \quad \text{(G2134)} \quad (5630)$$

$$X_{2135} - 551Y_{2135} \leq +0 \quad \text{(G2135)} \quad (5631)$$

$$X_{2136} - 5Y_{2136} \leq +0 \quad \text{(G2136)} \quad (5632)$$

$$X_{2137} - 551Y_{2137} \leq +0 \quad \text{(G2137)} \quad (5633)$$

$$X_{2138} - 3Y_{2138} \leq +0 \quad \text{(G2138)} \quad (5634)$$

$$X_{2139} - 2Y_{2139} \leq +0 \quad \text{(G2139)} \quad (5635)$$

$$X_{2140} - 551Y_{2140} \leq +0 \quad \text{(G2140)} \quad (5636)$$

$$X_{2141} - 551Y_{2141} \leq +0 \quad \text{(G2141)} \quad (5637)$$

$$X_{2142} - 551Y_{2142} \leq +0 \quad \text{(G2142)} \quad (5638)$$

$$X_{2143} - 38Y_{2143} \leq +0 \quad \text{(G2143)} \quad (5639)$$

$$X_{2144} - 551Y_{2144} \leq +0 \quad \text{(G2144)} \quad (5640)$$

$$X_{2145} - 551Y_{2145} \leq +0 \quad \text{(G2145)} \quad (5641)$$

$$X_{2146} - 551Y_{2146} \leq +0 \quad \text{(G2146)} \quad (5642)$$

$$X_{2147} - 551Y_{2147} \leq +0 \quad \text{(G2147)} \quad (5643)$$
$$X_{2148} - 338Y_{2148} \leq +0 \quad \text{(G2148)} \quad (5644)$$
$$X_{2149} - 488Y_{2149} \leq +0 \quad \text{(G2149)} \quad (5645)$$
$$X_{2150} - 11Y_{2150} \leq +0 \quad \text{(G2150)} \quad (5646)$$
$$X_{2151} - 231Y_{2151} \leq +0 \quad \text{(G2151)} \quad (5647)$$
$$X_{2152} - 6Y_{2152} \leq +0 \quad \text{(G2152)} \quad (5648)$$
$$X_{2153} - 255Y_{2153} \leq +0 \quad \text{(G2153)} \quad (5649)$$
$$X_{2154} - 551Y_{2154} \leq +0 \quad \text{(G2154)} \quad (5650)$$
$$X_{2155} - 551Y_{2155} \leq +0 \quad \text{(G2155)} \quad (5651)$$
$$X_{2156} - 551Y_{2156} \leq +0 \quad \text{(G2156)} \quad (5652)$$
$$X_{2157} - 551Y_{2157} \leq +0 \quad \text{(G2157)} \quad (5653)$$
$$X_{2158} - 79Y_{2158} \leq +0 \quad \text{(G2158)} \quad (5654)$$
$$X_{2159} - 2Y_{2159} \leq +0 \quad \text{(G2159)} \quad (5655)$$
$$X_{2160} - 11Y_{2160} \leq +0 \quad \text{(G2160)} \quad (5656)$$
$$X_{2161} - 416Y_{2161} \leq +0 \quad \text{(G2161)} \quad (5657)$$
$$X_{2162} - 28Y_{2162} \leq +0 \quad \text{(G2162)} \quad (5658)$$
$$X_{2163} - 551Y_{2163} \leq +0 \quad \text{(G2163)} \quad (5659)$$
$$X_{2164} - 468Y_{2164} \leq +0 \quad \text{(G2164)} \quad (5660)$$
$$X_{2165} - 551Y_{2165} \leq +0 \quad \text{(G2165)} \quad (5661)$$
$$X_{2166} - 9Y_{2166} \leq +0 \quad \text{(G2166)} \quad (5662)$$
$$X_{2167} - 192Y_{2167} \leq +0 \quad \text{(G2167)} \quad (5663)$$
$$X_{2168} - 295Y_{2168} \leq +0 \quad \text{(G2168)} \quad (5664)$$
$$X_{2169} - 8Y_{2169} \leq +0 \quad \text{(G2169)} \quad (5665)$$
$$X_{2170} - 551Y_{2170} \leq +0 \quad \text{(G2170)} \quad (5666)$$
$$X_{2171} - 551Y_{2171} \leq +0 \quad \text{(G2171)} \quad (5667)$$
$$X_{2172} - 546Y_{2172} \leq +0 \quad \text{(G2172)} \quad (5668)$$
$$X_{2173} - 551Y_{2173} \leq +0 \quad \text{(G2173)} \quad (5669)$$
$$X_{2174} - 70Y_{2174} \leq +0 \quad \text{(G2174)} \quad (5670)$$
$$X_{2175} - 264Y_{2175} \leq +0 \quad \text{(G2175)} \quad (5671)$$
$$X_{2176} - 551Y_{2176} \leq +0 \quad \text{(G2176)} \quad (5672)$$
$$X_{2177} - 551Y_{2177} \leq +0 \quad \text{(G2177)} \quad (5673)$$
$$X_{2178} - 3Y_{2178} \leq +0 \quad \text{(G2178)} \quad (5674)$$
$$X_{2179} - 515Y_{2179} \leq +0 \quad \text{(G2179)} \quad (5675)$$
$$X_{2180} - 3Y_{2180} \leq +0 \quad \text{(G2180)} \quad (5676)$$
$$X_{2181} - 509Y_{2181} \leq +0 \quad \text{(G2181)} \quad (5677)$$
$$X_{2182} - 339Y_{2182} \leq +0 \quad \text{(G2182)} \quad (5678)$$
$$X_{2183} - 441Y_{2183} \leq +0 \quad \text{(G2183)} \quad (5679)$$
$$X_{2184} - 48Y_{2184} \leq +0 \quad \text{(G2184)} \quad (5680)$$
$$X_{2185} - 14Y_{2185} \leq +0 \quad \text{(G2185)} \quad (5681)$$
$$X_{2186} - 5Y_{2186} \leq +0 \quad \text{(G2186)} \quad (5682)$$
$$X_{2187} - 421Y_{2187} \leq +0 \quad \text{(G2187)} \quad (5683)$$
$$X_{2188} - 245Y_{2188} \leq +0 \quad \text{(G2188)} \quad (5684)$$

$$X_{2189} - 506Y_{2189} \leq +0 \quad \text{(G2189)} \quad (5685)$$
$$X_{2190} - 12Y_{2190} \leq +0 \quad \text{(G2190)} \quad (5686)$$
$$X_{2191} - 312Y_{2191} \leq +0 \quad \text{(G2191)} \quad (5687)$$
$$X_{2192} - 8Y_{2192} \leq +0 \quad \text{(G2192)} \quad (5688)$$
$$X_{2193} - 551Y_{2193} \leq +0 \quad \text{(G2193)} \quad (5689)$$
$$X_{2194} - 15Y_{2194} \leq +0 \quad \text{(G2194)} \quad (5690)$$
$$X_{2195} - 427Y_{2195} \leq +0 \quad \text{(G2195)} \quad (5691)$$
$$X_{2196} - 547Y_{2196} \leq +0 \quad \text{(G2196)} \quad (5692)$$
$$X_{2197} - 551Y_{2197} \leq +0 \quad \text{(G2197)} \quad (5693)$$
$$X_{2198} - 551Y_{2198} \leq +0 \quad \text{(G2198)} \quad (5694)$$
$$X_{2199} - 551Y_{2199} \leq +0 \quad \text{(G2199)} \quad (5695)$$
$$X_{2200} - 877Y_{2200} \leq +0 \quad \text{(G2200)} \quad (5696)$$
$$X_{2201} - 394Y_{2201} \leq +0 \quad \text{(G2201)} \quad (5697)$$
$$X_{2202} - 11Y_{2202} \leq +0 \quad \text{(G2202)} \quad (5698)$$
$$X_{2203} - 535Y_{2203} \leq +0 \quad \text{(G2203)} \quad (5699)$$
$$X_{2204} - 182Y_{2204} \leq +0 \quad \text{(G2204)} \quad (5700)$$
$$X_{2205} - 573Y_{2205} \leq +0 \quad \text{(G2205)} \quad (5701)$$
$$X_{2206} - 136Y_{2206} \leq +0 \quad \text{(G2206)} \quad (5702)$$
$$X_{2207} - 589Y_{2207} \leq +0 \quad \text{(G2207)} \quad (5703)$$
$$X_{2208} - 571Y_{2208} \leq +0 \quad \text{(G2208)} \quad (5704)$$
$$X_{2209} - 8Y_{2209} \leq +0 \quad \text{(G2209)} \quad (5705)$$
$$X_{2210} - 1108Y_{2210} \leq +0 \quad \text{(G2210)} \quad (5706)$$
$$X_{2211} - 112Y_{2211} \leq +0 \quad \text{(G2211)} \quad (5707)$$
$$X_{2212} - 64Y_{2212} \leq +0 \quad \text{(G2212)} \quad (5708)$$
$$X_{2213} - 528Y_{2213} \leq +0 \quad \text{(G2213)} \quad (5709)$$
$$X_{2214} - 19Y_{2214} \leq +0 \quad \text{(G2214)} \quad (5710)$$
$$X_{2215} - 1108Y_{2215} \leq +0 \quad \text{(G2215)} \quad (5711)$$
$$X_{2216} - 74Y_{2216} \leq +0 \quad \text{(G2216)} \quad (5712)$$
$$X_{2217} - 9Y_{2217} \leq +0 \quad \text{(G2217)} \quad (5713)$$
$$X_{2218} - 2Y_{2218} \leq +0 \quad \text{(G2218)} \quad (5714)$$
$$X_{2219} - 114Y_{2219} \leq +0 \quad \text{(G2219)} \quad (5715)$$
$$X_{2220} - Y_{2220} \leq +0 \quad \text{(G2220)} \quad (5716)$$
$$X_{2221} - 338Y_{2221} \leq +0 \quad \text{(G2221)} \quad (5717)$$
$$X_{2222} - 661Y_{2222} \leq +0 \quad \text{(G2222)} \quad (5718)$$
$$X_{2223} - 603Y_{2223} \leq +0 \quad \text{(G2223)} \quad (5719)$$
$$X_{2224} - 1108Y_{2224} \leq +0 \quad \text{(G2224)} \quad (5720)$$
$$X_{2225} - 6Y_{2225} \leq +0 \quad \text{(G2225)} \quad (5721)$$
$$X_{2226} - 2Y_{2226} \leq +0 \quad \text{(G2226)} \quad (5722)$$
$$X_{2227} - 544Y_{2227} \leq +0 \quad \text{(G2227)} \quad (5723)$$
$$X_{2228} - 1108Y_{2228} \leq +0 \quad \text{(G2228)} \quad (5724)$$
$$X_{2229} - 406Y_{2229} \leq +0 \quad \text{(G2229)} \quad (5725)$$
$$X_{2230} - 911Y_{2230} \leq +0 \quad \text{(G2230)} \quad (5726)$$

$$X_{2231} - 12Y_{2231} \leq +0 \quad \text{(G2231)} \quad (5727)$$
$$X_{2232} - 242Y_{2232} \leq +0 \quad \text{(G2232)} \quad (5728)$$
$$X_{2233} - 246Y_{2233} \leq +0 \quad \text{(G2233)} \quad (5729)$$
$$X_{2234} - 17Y_{2234} \leq +0 \quad \text{(G2234)} \quad (5730)$$
$$X_{2235} - 673Y_{2235} \leq +0 \quad \text{(G2235)} \quad (5731)$$
$$X_{2236} - 5Y_{2236} \leq +0 \quad \text{(G2236)} \quad (5732)$$
$$X_{2237} - 1097Y_{2237} \leq +0 \quad \text{(G2237)} \quad (5733)$$
$$X_{2238} - 3Y_{2238} \leq +0 \quad \text{(G2238)} \quad (5734)$$
$$X_{2239} - 2Y_{2239} \leq +0 \quad \text{(G2239)} \quad (5735)$$
$$X_{2240} - 708Y_{2240} \leq +0 \quad \text{(G2240)} \quad (5736)$$
$$X_{2241} - 1108Y_{2241} \leq +0 \quad \text{(G2241)} \quad (5737)$$
$$X_{2242} - 618Y_{2242} \leq +0 \quad \text{(G2242)} \quad (5738)$$
$$X_{2243} - 38Y_{2243} \leq +0 \quad \text{(G2243)} \quad (5739)$$
$$X_{2244} - 703Y_{2244} \leq +0 \quad \text{(G2244)} \quad (5740)$$
$$X_{2245} - 1108Y_{2245} \leq +0 \quad \text{(G2245)} \quad (5741)$$
$$X_{2246} - 1070Y_{2246} \leq +0 \quad \text{(G2246)} \quad (5742)$$
$$X_{2247} - 796Y_{2247} \leq +0 \quad \text{(G2247)} \quad (5743)$$
$$X_{2248} - 338Y_{2248} \leq +0 \quad \text{(G2248)} \quad (5744)$$
$$X_{2249} - 488Y_{2249} \leq +0 \quad \text{(G2249)} \quad (5745)$$
$$X_{2250} - 11Y_{2250} \leq +0 \quad \text{(G2250)} \quad (5746)$$
$$X_{2251} - 231Y_{2251} \leq +0 \quad \text{(G2251)} \quad (5747)$$
$$X_{2252} - 6Y_{2252} \leq +0 \quad \text{(G2252)} \quad (5748)$$
$$X_{2253} - 255Y_{2253} \leq +0 \quad \text{(G2253)} \quad (5749)$$
$$X_{2254} - 1108Y_{2254} \leq +0 \quad \text{(G2254)} \quad (5750)$$
$$X_{2255} - 1017Y_{2255} \leq +0 \quad \text{(G2255)} \quad (5751)$$
$$X_{2256} - 731Y_{2256} \leq +0 \quad \text{(G2256)} \quad (5752)$$
$$X_{2257} - 572Y_{2257} \leq +0 \quad \text{(G2257)} \quad (5753)$$
$$X_{2258} - 79Y_{2258} \leq +0 \quad \text{(G2258)} \quad (5754)$$
$$X_{2259} - 2Y_{2259} \leq +0 \quad \text{(G2259)} \quad (5755)$$
$$X_{2260} - 11Y_{2260} \leq +0 \quad \text{(G2260)} \quad (5756)$$
$$X_{2261} - 416Y_{2261} \leq +0 \quad \text{(G2261)} \quad (5757)$$
$$X_{2262} - 28Y_{2262} \leq +0 \quad \text{(G2262)} \quad (5758)$$
$$X_{2263} - 567Y_{2263} \leq +0 \quad \text{(G2263)} \quad (5759)$$
$$X_{2264} - 468Y_{2264} \leq +0 \quad \text{(G2264)} \quad (5760)$$
$$X_{2265} - 1108Y_{2265} \leq +0 \quad \text{(G2265)} \quad (5761)$$
$$X_{2266} - 9Y_{2266} \leq +0 \quad \text{(G2266)} \quad (5762)$$
$$X_{2267} - 192Y_{2267} \leq +0 \quad \text{(G2267)} \quad (5763)$$
$$X_{2268} - 295Y_{2268} \leq +0 \quad \text{(G2268)} \quad (5764)$$
$$X_{2269} - 8Y_{2269} \leq +0 \quad \text{(G2269)} \quad (5765)$$
$$X_{2270} - 1108Y_{2270} \leq +0 \quad \text{(G2270)} \quad (5766)$$
$$X_{2271} - 1108Y_{2271} \leq +0 \quad \text{(G2271)} \quad (5767)$$
$$X_{2272} - 546Y_{2272} \leq +0 \quad \text{(G2272)} \quad (5768)$$

$$X_{2273} - 1108Y_{2273} \leq +0 \quad \text{(G2273)} \quad (5769)$$
$$X_{2274} - 70Y_{2274} \leq +0 \quad \text{(G2274)} \quad (5770)$$
$$X_{2275} - 264Y_{2275} \leq +0 \quad \text{(G2275)} \quad (5771)$$
$$X_{2276} - 782Y_{2276} \leq +0 \quad \text{(G2276)} \quad (5772)$$
$$X_{2277} - 1108Y_{2277} \leq +0 \quad \text{(G2277)} \quad (5773)$$
$$X_{2278} - 3Y_{2278} \leq +0 \quad \text{(G2278)} \quad (5774)$$
$$X_{2279} - 515Y_{2279} \leq +0 \quad \text{(G2279)} \quad (5775)$$
$$X_{2280} - 3Y_{2280} \leq +0 \quad \text{(G2280)} \quad (5776)$$
$$X_{2281} - 509Y_{2281} \leq +0 \quad \text{(G2281)} \quad (5777)$$
$$X_{2282} - 339Y_{2282} \leq +0 \quad \text{(G2282)} \quad (5778)$$
$$X_{2283} - 441Y_{2283} \leq +0 \quad \text{(G2283)} \quad (5779)$$
$$X_{2284} - 48Y_{2284} \leq +0 \quad \text{(G2284)} \quad (5780)$$
$$X_{2285} - 14Y_{2285} \leq +0 \quad \text{(G2285)} \quad (5781)$$
$$X_{2286} - 5Y_{2286} \leq +0 \quad \text{(G2286)} \quad (5782)$$
$$X_{2287} - 421Y_{2287} \leq +0 \quad \text{(G2287)} \quad (5783)$$
$$X_{2288} - 245Y_{2288} \leq +0 \quad \text{(G2288)} \quad (5784)$$
$$X_{2289} - 506Y_{2289} \leq +0 \quad \text{(G2289)} \quad (5785)$$
$$X_{2290} - 12Y_{2290} \leq +0 \quad \text{(G2290)} \quad (5786)$$
$$X_{2291} - 312Y_{2291} \leq +0 \quad \text{(G2291)} \quad (5787)$$
$$X_{2292} - 8Y_{2292} \leq +0 \quad \text{(G2292)} \quad (5788)$$
$$X_{2293} - 691Y_{2293} \leq +0 \quad \text{(G2293)} \quad (5789)$$
$$X_{2294} - 15Y_{2294} \leq +0 \quad \text{(G2294)} \quad (5790)$$
$$X_{2295} - 427Y_{2295} \leq +0 \quad \text{(G2295)} \quad (5791)$$
$$X_{2296} - 547Y_{2296} \leq +0 \quad \text{(G2296)} \quad (5792)$$
$$X_{2297} - 1108Y_{2297} \leq +0 \quad \text{(G2297)} \quad (5793)$$
$$X_{2298} - 817Y_{2298} \leq +0 \quad \text{(G2298)} \quad (5794)$$
$$X_{2299} - 589Y_{2299} \leq +0 \quad \text{(G2299)} \quad (5795)$$
$$X_{2300} - 736Y_{2300} \leq +0 \quad \text{(G2300)} \quad (5796)$$
$$X_{2301} - 394Y_{2301} \leq +0 \quad \text{(G2301)} \quad (5797)$$
$$X_{2302} - 11Y_{2302} \leq +0 \quad \text{(G2302)} \quad (5798)$$
$$X_{2303} - 535Y_{2303} \leq +0 \quad \text{(G2303)} \quad (5799)$$
$$X_{2304} - 182Y_{2304} \leq +0 \quad \text{(G2304)} \quad (5800)$$
$$X_{2305} - 573Y_{2305} \leq +0 \quad \text{(G2305)} \quad (5801)$$
$$X_{2306} - 136Y_{2306} \leq +0 \quad \text{(G2306)} \quad (5802)$$
$$X_{2307} - 589Y_{2307} \leq +0 \quad \text{(G2307)} \quad (5803)$$
$$X_{2308} - 571Y_{2308} \leq +0 \quad \text{(G2308)} \quad (5804)$$
$$X_{2309} - 8Y_{2309} \leq +0 \quad \text{(G2309)} \quad (5805)$$
$$X_{2310} - 736Y_{2310} \leq +0 \quad \text{(G2310)} \quad (5806)$$
$$X_{2311} - 112Y_{2311} \leq +0 \quad \text{(G2311)} \quad (5807)$$
$$X_{2312} - 64Y_{2312} \leq +0 \quad \text{(G2312)} \quad (5808)$$
$$X_{2313} - 528Y_{2313} \leq +0 \quad \text{(G2313)} \quad (5809)$$
$$X_{2314} - 19Y_{2314} \leq +0 \quad \text{(G2314)} \quad (5810)$$

$$X_{2315} - 736Y_{2315} \leq +0 \quad \text{(G2315)} \quad (5811)$$

$$X_{2316} - 74Y_{2316} \leq +0 \quad \text{(G2316)} \quad (5812)$$

$$X_{2317} - 9Y_{2317} \leq +0 \quad \text{(G2317)} \quad (5813)$$

$$X_{2318} - 2Y_{2318} \leq +0 \quad \text{(G2318)} \quad (5814)$$

$$X_{2319} - 114Y_{2319} \leq +0 \quad \text{(G2319)} \quad (5815)$$

$$X_{2320} - Y_{2320} \leq +0 \quad \text{(G2320)} \quad (5816)$$

$$X_{2321} - 338Y_{2321} \leq +0 \quad \text{(G2321)} \quad (5817)$$

$$X_{2322} - 661Y_{2322} \leq +0 \quad \text{(G2322)} \quad (5818)$$

$$X_{2323} - 603Y_{2323} \leq +0 \quad \text{(G2323)} \quad (5819)$$

$$X_{2324} - 736Y_{2324} \leq +0 \quad \text{(G2324)} \quad (5820)$$

$$X_{2325} - 6Y_{2325} \leq +0 \quad \text{(G2325)} \quad (5821)$$

$$X_{2326} - 2Y_{2326} \leq +0 \quad \text{(G2326)} \quad (5822)$$

$$X_{2327} - 544Y_{2327} \leq +0 \quad \text{(G2327)} \quad (5823)$$

$$X_{2328} - 736Y_{2328} \leq +0 \quad \text{(G2328)} \quad (5824)$$

$$X_{2329} - 406Y_{2329} \leq +0 \quad \text{(G2329)} \quad (5825)$$

$$X_{2330} - 736Y_{2330} \leq +0 \quad \text{(G2330)} \quad (5826)$$

$$X_{2331} - 12Y_{2331} \leq +0 \quad \text{(G2331)} \quad (5827)$$

$$X_{2332} - 242Y_{2332} \leq +0 \quad \text{(G2332)} \quad (5828)$$

$$X_{2333} - 246Y_{2333} \leq +0 \quad \text{(G2333)} \quad (5829)$$

$$X_{2334} - 17Y_{2334} \leq +0 \quad \text{(G2334)} \quad (5830)$$

$$X_{2335} - 673Y_{2335} \leq +0 \quad \text{(G2335)} \quad (5831)$$

$$X_{2336} - 5Y_{2336} \leq +0 \quad \text{(G2336)} \quad (5832)$$

$$X_{2337} - 736Y_{2337} \leq +0 \quad \text{(G2337)} \quad (5833)$$

$$X_{2338} - 3Y_{2338} \leq +0 \quad \text{(G2338)} \quad (5834)$$

$$X_{2339} - 2Y_{2339} \leq +0 \quad \text{(G2339)} \quad (5835)$$

$$X_{2340} - 708Y_{2340} \leq +0 \quad \text{(G2340)} \quad (5836)$$

$$X_{2341} - 736Y_{2341} \leq +0 \quad \text{(G2341)} \quad (5837)$$

$$X_{2342} - 618Y_{2342} \leq +0 \quad \text{(G2342)} \quad (5838)$$

$$X_{2343} - 38Y_{2343} \leq +0 \quad \text{(G2343)} \quad (5839)$$

$$X_{2344} - 703Y_{2344} \leq +0 \quad \text{(G2344)} \quad (5840)$$

$$X_{2345} - 736Y_{2345} \leq +0 \quad \text{(G2345)} \quad (5841)$$

$$X_{2346} - 736Y_{2346} \leq +0 \quad \text{(G2346)} \quad (5842)$$

$$X_{2347} - 736Y_{2347} \leq +0 \quad \text{(G2347)} \quad (5843)$$

$$X_{2348} - 338Y_{2348} \leq +0 \quad \text{(G2348)} \quad (5844)$$

$$X_{2349} - 488Y_{2349} \leq +0 \quad \text{(G2349)} \quad (5845)$$

$$X_{2350} - 11Y_{2350} \leq +0 \quad \text{(G2350)} \quad (5846)$$

$$X_{2351} - 231Y_{2351} \leq +0 \quad \text{(G2351)} \quad (5847)$$

$$X_{2352} - 6Y_{2352} \leq +0 \quad \text{(G2352)} \quad (5848)$$

$$X_{2353} - 255Y_{2353} \leq +0 \quad \text{(G2353)} \quad (5849)$$

$$X_{2354} - 736Y_{2354} \leq +0 \quad \text{(G2354)} \quad (5850)$$

$$X_{2355} - 736Y_{2355} \leq +0 \quad \text{(G2355)} \quad (5851)$$

$$X_{2356} - 731Y_{2356} \leq +0 \quad \text{(G2356)} \quad (5852)$$

$$X_{2357} - 572Y_{2357} \leq +0 \quad \text{(G2357)} \quad (5853)$$
$$X_{2358} - 79Y_{2358} \leq +0 \quad \text{(G2358)} \quad (5854)$$
$$X_{2359} - 2Y_{2359} \leq +0 \quad \text{(G2359)} \quad (5855)$$
$$X_{2360} - 11Y_{2360} \leq +0 \quad \text{(G2360)} \quad (5856)$$
$$X_{2361} - 416Y_{2361} \leq +0 \quad \text{(G2361)} \quad (5857)$$
$$X_{2362} - 28Y_{2362} \leq +0 \quad \text{(G2362)} \quad (5858)$$
$$X_{2363} - 567Y_{2363} \leq +0 \quad \text{(G2363)} \quad (5859)$$
$$X_{2364} - 468Y_{2364} \leq +0 \quad \text{(G2364)} \quad (5860)$$
$$X_{2365} - 736Y_{2365} \leq +0 \quad \text{(G2365)} \quad (5861)$$
$$X_{2366} - 9Y_{2366} \leq +0 \quad \text{(G2366)} \quad (5862)$$
$$X_{2367} - 192Y_{2367} \leq +0 \quad \text{(G2367)} \quad (5863)$$
$$X_{2368} - 295Y_{2368} \leq +0 \quad \text{(G2368)} \quad (5864)$$
$$X_{2369} - 8Y_{2369} \leq +0 \quad \text{(G2369)} \quad (5865)$$
$$X_{2370} - 736Y_{2370} \leq +0 \quad \text{(G2370)} \quad (5866)$$
$$X_{2371} - 736Y_{2371} \leq +0 \quad \text{(G2371)} \quad (5867)$$
$$X_{2372} - 546Y_{2372} \leq +0 \quad \text{(G2372)} \quad (5868)$$
$$X_{2373} - 736Y_{2373} \leq +0 \quad \text{(G2373)} \quad (5869)$$
$$X_{2374} - 70Y_{2374} \leq +0 \quad \text{(G2374)} \quad (5870)$$
$$X_{2375} - 264Y_{2375} \leq +0 \quad \text{(G2375)} \quad (5871)$$
$$X_{2376} - 736Y_{2376} \leq +0 \quad \text{(G2376)} \quad (5872)$$
$$X_{2377} - 736Y_{2377} \leq +0 \quad \text{(G2377)} \quad (5873)$$
$$X_{2378} - 3Y_{2378} \leq +0 \quad \text{(G2378)} \quad (5874)$$
$$X_{2379} - 515Y_{2379} \leq +0 \quad \text{(G2379)} \quad (5875)$$
$$X_{2380} - 3Y_{2380} \leq +0 \quad \text{(G2380)} \quad (5876)$$
$$X_{2381} - 509Y_{2381} \leq +0 \quad \text{(G2381)} \quad (5877)$$
$$X_{2382} - 339Y_{2382} \leq +0 \quad \text{(G2382)} \quad (5878)$$
$$X_{2383} - 441Y_{2383} \leq +0 \quad \text{(G2383)} \quad (5879)$$
$$X_{2384} - 48Y_{2384} \leq +0 \quad \text{(G2384)} \quad (5880)$$
$$X_{2385} - 14Y_{2385} \leq +0 \quad \text{(G2385)} \quad (5881)$$
$$X_{2386} - 5Y_{2386} \leq +0 \quad \text{(G2386)} \quad (5882)$$
$$X_{2387} - 421Y_{2387} \leq +0 \quad \text{(G2387)} \quad (5883)$$
$$X_{2388} - 245Y_{2388} \leq +0 \quad \text{(G2388)} \quad (5884)$$
$$X_{2389} - 506Y_{2389} \leq +0 \quad \text{(G2389)} \quad (5885)$$
$$X_{2390} - 12Y_{2390} \leq +0 \quad \text{(G2390)} \quad (5886)$$
$$X_{2391} - 312Y_{2391} \leq +0 \quad \text{(G2391)} \quad (5887)$$
$$X_{2392} - 8Y_{2392} \leq +0 \quad \text{(G2392)} \quad (5888)$$
$$X_{2393} - 691Y_{2393} \leq +0 \quad \text{(G2393)} \quad (5889)$$
$$X_{2394} - 15Y_{2394} \leq +0 \quad \text{(G2394)} \quad (5890)$$
$$X_{2395} - 427Y_{2395} \leq +0 \quad \text{(G2395)} \quad (5891)$$
$$X_{2396} - 547Y_{2396} \leq +0 \quad \text{(G2396)} \quad (5892)$$
$$X_{2397} - 736Y_{2397} \leq +0 \quad \text{(G2397)} \quad (5893)$$
$$X_{2398} - 736Y_{2398} \leq +0 \quad \text{(G2398)} \quad (5894)$$

$$X_{2399} - 589Y_{2399} \leq +0 \quad \text{(G2399)} \quad (5895)$$

$$X_{2400} - 877Y_{2400} \leq +0 \quad \text{(G2400)} \quad (5896)$$

$$X_{2401} - 394Y_{2401} \leq +0 \quad \text{(G2401)} \quad (5897)$$

$$X_{2402} - 11Y_{2402} \leq +0 \quad \text{(G2402)} \quad (5898)$$

$$X_{2403} - 535Y_{2403} \leq +0 \quad \text{(G2403)} \quad (5899)$$

$$X_{2404} - 182Y_{2404} \leq +0 \quad \text{(G2404)} \quad (5900)$$

$$X_{2405} - 573Y_{2405} \leq +0 \quad \text{(G2405)} \quad (5901)$$

$$X_{2406} - 136Y_{2406} \leq +0 \quad \text{(G2406)} \quad (5902)$$

$$X_{2407} - 589Y_{2407} \leq +0 \quad \text{(G2407)} \quad (5903)$$

$$X_{2408} - 571Y_{2408} \leq +0 \quad \text{(G2408)} \quad (5904)$$

$$X_{2409} - 8Y_{2409} \leq +0 \quad \text{(G2409)} \quad (5905)$$

$$X_{2410} - 932Y_{2410} \leq +0 \quad \text{(G2410)} \quad (5906)$$

$$X_{2411} - 112Y_{2411} \leq +0 \quad \text{(G2411)} \quad (5907)$$

$$X_{2412} - 64Y_{2412} \leq +0 \quad \text{(G2412)} \quad (5908)$$

$$X_{2413} - 528Y_{2413} \leq +0 \quad \text{(G2413)} \quad (5909)$$

$$X_{2414} - 19Y_{2414} \leq +0 \quad \text{(G2414)} \quad (5910)$$

$$X_{2415} - 932Y_{2415} \leq +0 \quad \text{(G2415)} \quad (5911)$$

$$X_{2416} - 74Y_{2416} \leq +0 \quad \text{(G2416)} \quad (5912)$$

$$X_{2417} - 9Y_{2417} \leq +0 \quad \text{(G2417)} \quad (5913)$$

$$X_{2418} - 2Y_{2418} \leq +0 \quad \text{(G2418)} \quad (5914)$$

$$X_{2419} - 114Y_{2419} \leq +0 \quad \text{(G2419)} \quad (5915)$$

$$X_{2420} - Y_{2420} \leq +0 \quad \text{(G2420)} \quad (5916)$$

$$X_{2421} - 338Y_{2421} \leq +0 \quad \text{(G2421)} \quad (5917)$$

$$X_{2422} - 661Y_{2422} \leq +0 \quad \text{(G2422)} \quad (5918)$$

$$X_{2423} - 603Y_{2423} \leq +0 \quad \text{(G2423)} \quad (5919)$$

$$X_{2424} - 932Y_{2424} \leq +0 \quad \text{(G2424)} \quad (5920)$$

$$X_{2425} - 6Y_{2425} \leq +0 \quad \text{(G2425)} \quad (5921)$$

$$X_{2426} - 2Y_{2426} \leq +0 \quad \text{(G2426)} \quad (5922)$$

$$X_{2427} - 544Y_{2427} \leq +0 \quad \text{(G2427)} \quad (5923)$$

$$X_{2428} - 932Y_{2428} \leq +0 \quad \text{(G2428)} \quad (5924)$$

$$X_{2429} - 406Y_{2429} \leq +0 \quad \text{(G2429)} \quad (5925)$$

$$X_{2430} - 911Y_{2430} \leq +0 \quad \text{(G2430)} \quad (5926)$$

$$X_{2431} - 12Y_{2431} \leq +0 \quad \text{(G2431)} \quad (5927)$$

$$X_{2432} - 242Y_{2432} \leq +0 \quad \text{(G2432)} \quad (5928)$$

$$X_{2433} - 246Y_{2433} \leq +0 \quad \text{(G2433)} \quad (5929)$$

$$X_{2434} - 17Y_{2434} \leq +0 \quad \text{(G2434)} \quad (5930)$$

$$X_{2435} - 673Y_{2435} \leq +0 \quad \text{(G2435)} \quad (5931)$$

$$X_{2436} - 5Y_{2436} \leq +0 \quad \text{(G2436)} \quad (5932)$$

$$X_{2437} - 932Y_{2437} \leq +0 \quad \text{(G2437)} \quad (5933)$$

$$X_{2438} - 3Y_{2438} \leq +0 \quad \text{(G2438)} \quad (5934)$$

$$X_{2439} - 2Y_{2439} \leq +0 \quad \text{(G2439)} \quad (5935)$$

$$X_{2440} - 708Y_{2440} \leq +0 \quad \text{(G2440)} \quad (5936)$$

$$X_{2441} - 932Y_{2441} \leq +0 \quad \text{(G2441)} \quad (5937)$$

$$X_{2442} - 618Y_{2442} \leq +0 \quad \text{(G2442)} \quad (5938)$$

$$X_{2443} - 38Y_{2443} \leq +0 \quad \text{(G2443)} \quad (5939)$$

$$X_{2444} - 703Y_{2444} \leq +0 \quad \text{(G2444)} \quad (5940)$$

$$X_{2445} - 932Y_{2445} \leq +0 \quad \text{(G2445)} \quad (5941)$$

$$X_{2446} - 932Y_{2446} \leq +0 \quad \text{(G2446)} \quad (5942)$$

$$X_{2447} - 796Y_{2447} \leq +0 \quad \text{(G2447)} \quad (5943)$$

$$X_{2448} - 338Y_{2448} \leq +0 \quad \text{(G2448)} \quad (5944)$$

$$X_{2449} - 488Y_{2449} \leq +0 \quad \text{(G2449)} \quad (5945)$$

$$X_{2450} - 11Y_{2450} \leq +0 \quad \text{(G2450)} \quad (5946)$$

$$X_{2451} - 231Y_{2451} \leq +0 \quad \text{(G2451)} \quad (5947)$$

$$X_{2452} - 6Y_{2452} \leq +0 \quad \text{(G2452)} \quad (5948)$$

$$X_{2453} - 255Y_{2453} \leq +0 \quad \text{(G2453)} \quad (5949)$$

$$X_{2454} - 932Y_{2454} \leq +0 \quad \text{(G2454)} \quad (5950)$$

$$X_{2455} - 932Y_{2455} \leq +0 \quad \text{(G2455)} \quad (5951)$$

$$X_{2456} - 731Y_{2456} \leq +0 \quad \text{(G2456)} \quad (5952)$$

$$X_{2457} - 572Y_{2457} \leq +0 \quad \text{(G2457)} \quad (5953)$$

$$X_{2458} - 79Y_{2458} \leq +0 \quad \text{(G2458)} \quad (5954)$$

$$X_{2459} - 2Y_{2459} \leq +0 \quad \text{(G2459)} \quad (5955)$$

$$X_{2460} - 11Y_{2460} \leq +0 \quad \text{(G2460)} \quad (5956)$$

$$X_{2461} - 416Y_{2461} \leq +0 \quad \text{(G2461)} \quad (5957)$$

$$X_{2462} - 28Y_{2462} \leq +0 \quad \text{(G2462)} \quad (5958)$$

$$X_{2463} - 567Y_{2463} \leq +0 \quad \text{(G2463)} \quad (5959)$$

$$X_{2464} - 468Y_{2464} \leq +0 \quad \text{(G2464)} \quad (5960)$$

$$X_{2465} - 932Y_{2465} \leq +0 \quad \text{(G2465)} \quad (5961)$$

$$X_{2466} - 9Y_{2466} \leq +0 \quad \text{(G2466)} \quad (5962)$$

$$X_{2467} - 192Y_{2467} \leq +0 \quad \text{(G2467)} \quad (5963)$$

$$X_{2468} - 295Y_{2468} \leq +0 \quad \text{(G2468)} \quad (5964)$$

$$X_{2469} - 8Y_{2469} \leq +0 \quad \text{(G2469)} \quad (5965)$$

$$X_{2470} - 932Y_{2470} \leq +0 \quad \text{(G2470)} \quad (5966)$$

$$X_{2471} - 932Y_{2471} \leq +0 \quad \text{(G2471)} \quad (5967)$$

$$X_{2472} - 546Y_{2472} \leq +0 \quad \text{(G2472)} \quad (5968)$$

$$X_{2473} - 932Y_{2473} \leq +0 \quad \text{(G2473)} \quad (5969)$$

$$X_{2474} - 70Y_{2474} \leq +0 \quad \text{(G2474)} \quad (5970)$$

$$X_{2475} - 264Y_{2475} \leq +0 \quad \text{(G2475)} \quad (5971)$$

$$X_{2476} - 782Y_{2476} \leq +0 \quad \text{(G2476)} \quad (5972)$$

$$X_{2477} - 932Y_{2477} \leq +0 \quad \text{(G2477)} \quad (5973)$$

$$X_{2478} - 3Y_{2478} \leq +0 \quad \text{(G2478)} \quad (5974)$$

$$X_{2479} - 515Y_{2479} \leq +0 \quad \text{(G2479)} \quad (5975)$$

$$X_{2480} - 3Y_{2480} \leq +0 \quad \text{(G2480)} \quad (5976)$$

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$$X_{2482} - 339Y_{2482} \leq +0 \quad \text{(G2482)} \quad (5978)$$

$$X_{2483} - 441Y_{2483} \leq +0 \quad \text{(G2483)} \quad (5979)$$
$$X_{2484} - 48Y_{2484} \leq +0 \quad \text{(G2484)} \quad (5980)$$
$$X_{2485} - 14Y_{2485} \leq +0 \quad \text{(G2485)} \quad (5981)$$
$$X_{2486} - 5Y_{2486} \leq +0 \quad \text{(G2486)} \quad (5982)$$
$$X_{2487} - 421Y_{2487} \leq +0 \quad \text{(G2487)} \quad (5983)$$
$$X_{2488} - 245Y_{2488} \leq +0 \quad \text{(G2488)} \quad (5984)$$
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$$X_{2491} - 312Y_{2491} \leq +0 \quad \text{(G2491)} \quad (5987)$$
$$X_{2492} - 8Y_{2492} \leq +0 \quad \text{(G2492)} \quad (5988)$$
$$X_{2493} - 691Y_{2493} \leq +0 \quad \text{(G2493)} \quad (5989)$$
$$X_{2494} - 15Y_{2494} \leq +0 \quad \text{(G2494)} \quad (5990)$$
$$X_{2495} - 427Y_{2495} \leq +0 \quad \text{(G2495)} \quad (5991)$$
$$X_{2496} - 547Y_{2496} \leq +0 \quad \text{(G2496)} \quad (5992)$$
$$X_{2497} - 932Y_{2497} \leq +0 \quad \text{(G2497)} \quad (5993)$$
$$X_{2498} - 817Y_{2498} \leq +0 \quad \text{(G2498)} \quad (5994)$$
$$X_{2499} - 589Y_{2499} \leq +0 \quad \text{(G2499)} \quad (5995)$$
$$X_{2500} - 877Y_{2500} \leq +0 \quad \text{(G2500)} \quad (5996)$$
$$X_{2501} - 394Y_{2501} \leq +0 \quad \text{(G2501)} \quad (5997)$$
$$X_{2502} - 11Y_{2502} \leq +0 \quad \text{(G2502)} \quad (5998)$$
$$X_{2503} - 535Y_{2503} \leq +0 \quad \text{(G2503)} \quad (5999)$$
$$X_{2504} - 182Y_{2504} \leq +0 \quad \text{(G2504)} \quad (6000)$$
$$X_{2505} - 573Y_{2505} \leq +0 \quad \text{(G2505)} \quad (6001)$$
$$X_{2506} - 136Y_{2506} \leq +0 \quad \text{(G2506)} \quad (6002)$$
$$X_{2507} - 589Y_{2507} \leq +0 \quad \text{(G2507)} \quad (6003)$$
$$X_{2508} - 571Y_{2508} \leq +0 \quad \text{(G2508)} \quad (6004)$$
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$$X_{2511} - 112Y_{2511} \leq +0 \quad \text{(G2511)} \quad (6007)$$
$$X_{2512} - 64Y_{2512} \leq +0 \quad \text{(G2512)} \quad (6008)$$
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$$X_{2514} - 19Y_{2514} \leq +0 \quad \text{(G2514)} \quad (6010)$$
$$X_{2515} - 1571Y_{2515} \leq +0 \quad \text{(G2515)} \quad (6011)$$
$$X_{2516} - 74Y_{2516} \leq +0 \quad \text{(G2516)} \quad (6012)$$
$$X_{2517} - 9Y_{2517} \leq +0 \quad \text{(G2517)} \quad (6013)$$
$$X_{2518} - 2Y_{2518} \leq +0 \quad \text{(G2518)} \quad (6014)$$
$$X_{2519} - 114Y_{2519} \leq +0 \quad \text{(G2519)} \quad (6015)$$
$$X_{2520} - Y_{2520} \leq +0 \quad \text{(G2520)} \quad (6016)$$
$$X_{2521} - 338Y_{2521} \leq +0 \quad \text{(G2521)} \quad (6017)$$
$$X_{2522} - 661Y_{2522} \leq +0 \quad \text{(G2522)} \quad (6018)$$
$$X_{2523} - 603Y_{2523} \leq +0 \quad \text{(G2523)} \quad (6019)$$
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$$X_{2526} - 2Y_{2526} \leq +0 \quad \text{(G2526)} \quad (6022)$$
$$X_{2527} - 544Y_{2527} \leq +0 \quad \text{(G2527)} \quad (6023)$$
$$X_{2528} - 1727Y_{2528} \leq +0 \quad \text{(G2528)} \quad (6024)$$
$$X_{2529} - 406Y_{2529} \leq +0 \quad \text{(G2529)} \quad (6025)$$
$$X_{2530} - 911Y_{2530} \leq +0 \quad \text{(G2530)} \quad (6026)$$
$$X_{2531} - 12Y_{2531} \leq +0 \quad \text{(G2531)} \quad (6027)$$
$$X_{2532} - 242Y_{2532} \leq +0 \quad \text{(G2532)} \quad (6028)$$
$$X_{2533} - 246Y_{2533} \leq +0 \quad \text{(G2533)} \quad (6029)$$
$$X_{2534} - 17Y_{2534} \leq +0 \quad \text{(G2534)} \quad (6030)$$
$$X_{2535} - 673Y_{2535} \leq +0 \quad \text{(G2535)} \quad (6031)$$
$$X_{2536} - 5Y_{2536} \leq +0 \quad \text{(G2536)} \quad (6032)$$
$$X_{2537} - 1097Y_{2537} \leq +0 \quad \text{(G2537)} \quad (6033)$$
$$X_{2538} - 3Y_{2538} \leq +0 \quad \text{(G2538)} \quad (6034)$$
$$X_{2539} - 2Y_{2539} \leq +0 \quad \text{(G2539)} \quad (6035)$$
$$X_{2540} - 708Y_{2540} \leq +0 \quad \text{(G2540)} \quad (6036)$$
$$X_{2541} - 1756Y_{2541} \leq +0 \quad \text{(G2541)} \quad (6037)$$
$$X_{2542} - 618Y_{2542} \leq +0 \quad \text{(G2542)} \quad (6038)$$
$$X_{2543} - 38Y_{2543} \leq +0 \quad \text{(G2543)} \quad (6039)$$
$$X_{2544} - 703Y_{2544} \leq +0 \quad \text{(G2544)} \quad (6040)$$
$$X_{2545} - 1663Y_{2545} \leq +0 \quad \text{(G2545)} \quad (6041)$$
$$X_{2546} - 1070Y_{2546} \leq +0 \quad \text{(G2546)} \quad (6042)$$
$$X_{2547} - 796Y_{2547} \leq +0 \quad \text{(G2547)} \quad (6043)$$
$$X_{2548} - 338Y_{2548} \leq +0 \quad \text{(G2548)} \quad (6044)$$
$$X_{2549} - 488Y_{2549} \leq +0 \quad \text{(G2549)} \quad (6045)$$
$$X_{2550} - 11Y_{2550} \leq +0 \quad \text{(G2550)} \quad (6046)$$
$$X_{2551} - 231Y_{2551} \leq +0 \quad \text{(G2551)} \quad (6047)$$
$$X_{2552} - 6Y_{2552} \leq +0 \quad \text{(G2552)} \quad (6048)$$
$$X_{2553} - 255Y_{2553} \leq +0 \quad \text{(G2553)} \quad (6049)$$
$$X_{2554} - 1422Y_{2554} \leq +0 \quad \text{(G2554)} \quad (6050)$$
$$X_{2555} - 1017Y_{2555} \leq +0 \quad \text{(G2555)} \quad (6051)$$
$$X_{2556} - 731Y_{2556} \leq +0 \quad \text{(G2556)} \quad (6052)$$
$$X_{2557} - 572Y_{2557} \leq +0 \quad \text{(G2557)} \quad (6053)$$
$$X_{2558} - 79Y_{2558} \leq +0 \quad \text{(G2558)} \quad (6054)$$
$$X_{2559} - 2Y_{2559} \leq +0 \quad \text{(G2559)} \quad (6055)$$
$$X_{2560} - 11Y_{2560} \leq +0 \quad \text{(G2560)} \quad (6056)$$
$$X_{2561} - 416Y_{2561} \leq +0 \quad \text{(G2561)} \quad (6057)$$
$$X_{2562} - 28Y_{2562} \leq +0 \quad \text{(G2562)} \quad (6058)$$
$$X_{2563} - 567Y_{2563} \leq +0 \quad \text{(G2563)} \quad (6059)$$
$$X_{2564} - 468Y_{2564} \leq +0 \quad \text{(G2564)} \quad (6060)$$
$$X_{2565} - 1678Y_{2565} \leq +0 \quad \text{(G2565)} \quad (6061)$$
$$X_{2566} - 9Y_{2566} \leq +0 \quad \text{(G2566)} \quad (6062)$$

$$X_{2567} - 192Y_{2567} \leq +0 \quad \text{(G2567)} \quad (6063)$$
$$X_{2568} - 295Y_{2568} \leq +0 \quad \text{(G2568)} \quad (6064)$$
$$X_{2569} - 8Y_{2569} \leq +0 \quad \text{(G2569)} \quad (6065)$$
$$X_{2570} - 1139Y_{2570} \leq +0 \quad \text{(G2570)} \quad (6066)$$
$$X_{2571} - 1756Y_{2571} \leq +0 \quad \text{(G2571)} \quad (6067)$$
$$X_{2572} - 546Y_{2572} \leq +0 \quad \text{(G2572)} \quad (6068)$$
$$X_{2573} - 1517Y_{2573} \leq +0 \quad \text{(G2573)} \quad (6069)$$
$$X_{2574} - 70Y_{2574} \leq +0 \quad \text{(G2574)} \quad (6070)$$
$$X_{2575} - 264Y_{2575} \leq +0 \quad \text{(G2575)} \quad (6071)$$
$$X_{2576} - 782Y_{2576} \leq +0 \quad \text{(G2576)} \quad (6072)$$
$$X_{2577} - 1561Y_{2577} \leq +0 \quad \text{(G2577)} \quad (6073)$$
$$X_{2578} - 3Y_{2578} \leq +0 \quad \text{(G2578)} \quad (6074)$$
$$X_{2579} - 515Y_{2579} \leq +0 \quad \text{(G2579)} \quad (6075)$$
$$X_{2580} - 3Y_{2580} \leq +0 \quad \text{(G2580)} \quad (6076)$$
$$X_{2581} - 509Y_{2581} \leq +0 \quad \text{(G2581)} \quad (6077)$$
$$X_{2582} - 339Y_{2582} \leq +0 \quad \text{(G2582)} \quad (6078)$$
$$X_{2583} - 441Y_{2583} \leq +0 \quad \text{(G2583)} \quad (6079)$$
$$X_{2584} - 48Y_{2584} \leq +0 \quad \text{(G2584)} \quad (6080)$$
$$X_{2585} - 14Y_{2585} \leq +0 \quad \text{(G2585)} \quad (6081)$$
$$X_{2586} - 5Y_{2586} \leq +0 \quad \text{(G2586)} \quad (6082)$$
$$X_{2587} - 421Y_{2587} \leq +0 \quad \text{(G2587)} \quad (6083)$$
$$X_{2588} - 245Y_{2588} \leq +0 \quad \text{(G2588)} \quad (6084)$$
$$X_{2589} - 506Y_{2589} \leq +0 \quad \text{(G2589)} \quad (6085)$$
$$X_{2590} - 12Y_{2590} \leq +0 \quad \text{(G2590)} \quad (6086)$$
$$X_{2591} - 312Y_{2591} \leq +0 \quad \text{(G2591)} \quad (6087)$$
$$X_{2592} - 8Y_{2592} \leq +0 \quad \text{(G2592)} \quad (6088)$$
$$X_{2593} - 691Y_{2593} \leq +0 \quad \text{(G2593)} \quad (6089)$$
$$X_{2594} - 15Y_{2594} \leq +0 \quad \text{(G2594)} \quad (6090)$$
$$X_{2595} - 427Y_{2595} \leq +0 \quad \text{(G2595)} \quad (6091)$$
$$X_{2596} - 547Y_{2596} \leq +0 \quad \text{(G2596)} \quad (6092)$$
$$X_{2597} - 1756Y_{2597} \leq +0 \quad \text{(G2597)} \quad (6093)$$
$$X_{2598} - 817Y_{2598} \leq +0 \quad \text{(G2598)} \quad (6094)$$
$$X_{2599} - 589Y_{2599} \leq +0 \quad \text{(G2599)} \quad (6095)$$
$$X_{2600} - 859Y_{2600} \leq +0 \quad \text{(G2600)} \quad (6096)$$
$$X_{2601} - 394Y_{2601} \leq +0 \quad \text{(G2601)} \quad (6097)$$
$$X_{2602} - 11Y_{2602} \leq +0 \quad \text{(G2602)} \quad (6098)$$
$$X_{2603} - 535Y_{2603} \leq +0 \quad \text{(G2603)} \quad (6099)$$
$$X_{2604} - 182Y_{2604} \leq +0 \quad \text{(G2604)} \quad (6100)$$
$$X_{2605} - 573Y_{2605} \leq +0 \quad \text{(G2605)} \quad (6101)$$
$$X_{2606} - 136Y_{2606} \leq +0 \quad \text{(G2606)} \quad (6102)$$
$$X_{2607} - 589Y_{2607} \leq +0 \quad \text{(G2607)} \quad (6103)$$
$$X_{2608} - 571Y_{2608} \leq +0 \quad \text{(G2608)} \quad (6104)$$

$$X_{2609} - 8Y_{2609} \leq +0 \quad \text{(G2609)} \quad (6105)$$

$$X_{2610} - 859Y_{2610} \leq +0 \quad \text{(G2610)} \quad (6106)$$

$$X_{2611} - 112Y_{2611} \leq +0 \quad \text{(G2611)} \quad (6107)$$

$$X_{2612} - 64Y_{2612} \leq +0 \quad \text{(G2612)} \quad (6108)$$

$$X_{2613} - 528Y_{2613} \leq +0 \quad \text{(G2613)} \quad (6109)$$

$$X_{2614} - 19Y_{2614} \leq +0 \quad \text{(G2614)} \quad (6110)$$

$$X_{2615} - 859Y_{2615} \leq +0 \quad \text{(G2615)} \quad (6111)$$

$$X_{2616} - 74Y_{2616} \leq +0 \quad \text{(G2616)} \quad (6112)$$

$$X_{2617} - 9Y_{2617} \leq +0 \quad \text{(G2617)} \quad (6113)$$

$$X_{2618} - 2Y_{2618} \leq +0 \quad \text{(G2618)} \quad (6114)$$

$$X_{2619} - 114Y_{2619} \leq +0 \quad \text{(G2619)} \quad (6115)$$

$$X_{2620} - Y_{2620} \leq +0 \quad \text{(G2620)} \quad (6116)$$

$$X_{2621} - 338Y_{2621} \leq +0 \quad \text{(G2621)} \quad (6117)$$

$$X_{2622} - 661Y_{2622} \leq +0 \quad \text{(G2622)} \quad (6118)$$

$$X_{2623} - 603Y_{2623} \leq +0 \quad \text{(G2623)} \quad (6119)$$

$$X_{2624} - 859Y_{2624} \leq +0 \quad \text{(G2624)} \quad (6120)$$

$$X_{2625} - 6Y_{2625} \leq +0 \quad \text{(G2625)} \quad (6121)$$

$$X_{2626} - 2Y_{2626} \leq +0 \quad \text{(G2626)} \quad (6122)$$

$$X_{2627} - 544Y_{2627} \leq +0 \quad \text{(G2627)} \quad (6123)$$

$$X_{2628} - 859Y_{2628} \leq +0 \quad \text{(G2628)} \quad (6124)$$

$$X_{2629} - 406Y_{2629} \leq +0 \quad \text{(G2629)} \quad (6125)$$

$$X_{2630} - 859Y_{2630} \leq +0 \quad \text{(G2630)} \quad (6126)$$

$$X_{2631} - 12Y_{2631} \leq +0 \quad \text{(G2631)} \quad (6127)$$

$$X_{2632} - 242Y_{2632} \leq +0 \quad \text{(G2632)} \quad (6128)$$

$$X_{2633} - 246Y_{2633} \leq +0 \quad \text{(G2633)} \quad (6129)$$

$$X_{2634} - 17Y_{2634} \leq +0 \quad \text{(G2634)} \quad (6130)$$

$$X_{2635} - 673Y_{2635} \leq +0 \quad \text{(G2635)} \quad (6131)$$

$$X_{2636} - 5Y_{2636} \leq +0 \quad \text{(G2636)} \quad (6132)$$

$$X_{2637} - 859Y_{2637} \leq +0 \quad \text{(G2637)} \quad (6133)$$

$$X_{2638} - 3Y_{2638} \leq +0 \quad \text{(G2638)} \quad (6134)$$

$$X_{2639} - 2Y_{2639} \leq +0 \quad \text{(G2639)} \quad (6135)$$

$$X_{2640} - 708Y_{2640} \leq +0 \quad \text{(G2640)} \quad (6136)$$

$$X_{2641} - 859Y_{2641} \leq +0 \quad \text{(G2641)} \quad (6137)$$

$$X_{2642} - 618Y_{2642} \leq +0 \quad \text{(G2642)} \quad (6138)$$

$$X_{2643} - 38Y_{2643} \leq +0 \quad \text{(G2643)} \quad (6139)$$

$$X_{2644} - 703Y_{2644} \leq +0 \quad \text{(G2644)} \quad (6140)$$

$$X_{2645} - 859Y_{2645} \leq +0 \quad \text{(G2645)} \quad (6141)$$

$$X_{2646} - 859Y_{2646} \leq +0 \quad \text{(G2646)} \quad (6142)$$

$$X_{2647} - 796Y_{2647} \leq +0 \quad \text{(G2647)} \quad (6143)$$

$$X_{2648} - 338Y_{2648} \leq +0 \quad \text{(G2648)} \quad (6144)$$

$$X_{2649} - 488Y_{2649} \leq +0 \quad \text{(G2649)} \quad (6145)$$

$$X_{2650} - 11Y_{2650} \leq +0 \quad \text{(G2650)} \quad (6146)$$

$$X_{2651} - 231Y_{2651} \leq +0 \quad \text{(G2651)} \quad (6147)$$
$$X_{2652} - 6Y_{2652} \leq +0 \quad \text{(G2652)} \quad (6148)$$
$$X_{2653} - 255Y_{2653} \leq +0 \quad \text{(G2653)} \quad (6149)$$
$$X_{2654} - 859Y_{2654} \leq +0 \quad \text{(G2654)} \quad (6150)$$
$$X_{2655} - 859Y_{2655} \leq +0 \quad \text{(G2655)} \quad (6151)$$
$$X_{2656} - 731Y_{2656} \leq +0 \quad \text{(G2656)} \quad (6152)$$
$$X_{2657} - 572Y_{2657} \leq +0 \quad \text{(G2657)} \quad (6153)$$
$$X_{2658} - 79Y_{2658} \leq +0 \quad \text{(G2658)} \quad (6154)$$
$$X_{2659} - 2Y_{2659} \leq +0 \quad \text{(G2659)} \quad (6155)$$
$$X_{2660} - 11Y_{2660} \leq +0 \quad \text{(G2660)} \quad (6156)$$
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$$X_{2662} - 28Y_{2662} \leq +0 \quad \text{(G2662)} \quad (6158)$$
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$$X_{2664} - 468Y_{2664} \leq +0 \quad \text{(G2664)} \quad (6160)$$
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$$X_{2666} - 9Y_{2666} \leq +0 \quad \text{(G2666)} \quad (6162)$$
$$X_{2667} - 192Y_{2667} \leq +0 \quad \text{(G2667)} \quad (6163)$$
$$X_{2668} - 295Y_{2668} \leq +0 \quad \text{(G2668)} \quad (6164)$$
$$X_{2669} - 8Y_{2669} \leq +0 \quad \text{(G2669)} \quad (6165)$$
$$X_{2670} - 859Y_{2670} \leq +0 \quad \text{(G2670)} \quad (6166)$$
$$X_{2671} - 859Y_{2671} \leq +0 \quad \text{(G2671)} \quad (6167)$$
$$X_{2672} - 546Y_{2672} \leq +0 \quad \text{(G2672)} \quad (6168)$$
$$X_{2673} - 859Y_{2673} \leq +0 \quad \text{(G2673)} \quad (6169)$$
$$X_{2674} - 70Y_{2674} \leq +0 \quad \text{(G2674)} \quad (6170)$$
$$X_{2675} - 264Y_{2675} \leq +0 \quad \text{(G2675)} \quad (6171)$$
$$X_{2676} - 782Y_{2676} \leq +0 \quad \text{(G2676)} \quad (6172)$$
$$X_{2677} - 859Y_{2677} \leq +0 \quad \text{(G2677)} \quad (6173)$$
$$X_{2678} - 3Y_{2678} \leq +0 \quad \text{(G2678)} \quad (6174)$$
$$X_{2679} - 515Y_{2679} \leq +0 \quad \text{(G2679)} \quad (6175)$$
$$X_{2680} - 3Y_{2680} \leq +0 \quad \text{(G2680)} \quad (6176)$$
$$X_{2681} - 509Y_{2681} \leq +0 \quad \text{(G2681)} \quad (6177)$$
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$$X_{2683} - 441Y_{2683} \leq +0 \quad \text{(G2683)} \quad (6179)$$
$$X_{2684} - 48Y_{2684} \leq +0 \quad \text{(G2684)} \quad (6180)$$
$$X_{2685} - 14Y_{2685} \leq +0 \quad \text{(G2685)} \quad (6181)$$
$$X_{2686} - 5Y_{2686} \leq +0 \quad \text{(G2686)} \quad (6182)$$
$$X_{2687} - 421Y_{2687} \leq +0 \quad \text{(G2687)} \quad (6183)$$
$$X_{2688} - 245Y_{2688} \leq +0 \quad \text{(G2688)} \quad (6184)$$
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$$X_{2690} - 12Y_{2690} \leq +0 \quad \text{(G2690)} \quad (6186)$$
$$X_{2691} - 312Y_{2691} \leq +0 \quad \text{(G2691)} \quad (6187)$$
$$X_{2692} - 8Y_{2692} \leq +0 \quad \text{(G2692)} \quad (6188)$$

$$X_{2693} - 691Y_{2693} \leq +0 \quad \text{(G2693)} \quad (6189)$$
$$X_{2694} - 15Y_{2694} \leq +0 \quad \text{(G2694)} \quad (6190)$$
$$X_{2695} - 427Y_{2695} \leq +0 \quad \text{(G2695)} \quad (6191)$$
$$X_{2696} - 547Y_{2696} \leq +0 \quad \text{(G2696)} \quad (6192)$$
$$X_{2697} - 859Y_{2697} \leq +0 \quad \text{(G2697)} \quad (6193)$$
$$X_{2698} - 817Y_{2698} \leq +0 \quad \text{(G2698)} \quad (6194)$$
$$X_{2699} - 589Y_{2699} \leq +0 \quad \text{(G2699)} \quad (6195)$$
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$$X_{2703} - 535Y_{2703} \leq +0 \quad \text{(G2703)} \quad (6199)$$
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$$X_{2705} - 573Y_{2705} \leq +0 \quad \text{(G2705)} \quad (6201)$$
$$X_{2706} - 136Y_{2706} \leq +0 \quad \text{(G2706)} \quad (6202)$$
$$X_{2707} - 589Y_{2707} \leq +0 \quad \text{(G2707)} \quad (6203)$$
$$X_{2708} - 571Y_{2708} \leq +0 \quad \text{(G2708)} \quad (6204)$$
$$X_{2709} - 8Y_{2709} \leq +0 \quad \text{(G2709)} \quad (6205)$$
$$X_{2710} - 1456Y_{2710} \leq +0 \quad \text{(G2710)} \quad (6206)$$
$$X_{2711} - 112Y_{2711} \leq +0 \quad \text{(G2711)} \quad (6207)$$
$$X_{2712} - 64Y_{2712} \leq +0 \quad \text{(G2712)} \quad (6208)$$
$$X_{2713} - 528Y_{2713} \leq +0 \quad \text{(G2713)} \quad (6209)$$
$$X_{2714} - 19Y_{2714} \leq +0 \quad \text{(G2714)} \quad (6210)$$
$$X_{2715} - 1456Y_{2715} \leq +0 \quad \text{(G2715)} \quad (6211)$$
$$X_{2716} - 74Y_{2716} \leq +0 \quad \text{(G2716)} \quad (6212)$$
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$$X_{2719} - 114Y_{2719} \leq +0 \quad \text{(G2719)} \quad (6215)$$
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$$X_{2722} - 661Y_{2722} \leq +0 \quad \text{(G2722)} \quad (6218)$$
$$X_{2723} - 603Y_{2723} \leq +0 \quad \text{(G2723)} \quad (6219)$$
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$$X_{2728} - 1456Y_{2728} \leq +0 \quad \text{(G2728)} \quad (6224)$$
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$$X_{2732} - 242Y_{2732} \leq +0 \quad \text{(G2732)} \quad (6228)$$
$$X_{2733} - 246Y_{2733} \leq +0 \quad \text{(G2733)} \quad (6229)$$
$$X_{2734} - 17Y_{2734} \leq +0 \quad \text{(G2734)} \quad (6230)$$

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$$X_{2739} - 2Y_{2739} \leq +0 \quad \text{(G2739)} \quad (6235)$$

$$X_{2740} - 708Y_{2740} \leq +0 \quad \text{(G2740)} \quad (6236)$$

$$X_{2741} - 1456Y_{2741} \leq +0 \quad \text{(G2741)} \quad (6237)$$

$$X_{2742} - 618Y_{2742} \leq +0 \quad \text{(G2742)} \quad (6238)$$

$$X_{2743} - 38Y_{2743} \leq +0 \quad \text{(G2743)} \quad (6239)$$

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$$X_{2745} - 1456Y_{2745} \leq +0 \quad \text{(G2745)} \quad (6241)$$

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$$X_{2747} - 796Y_{2747} \leq +0 \quad \text{(G2747)} \quad (6243)$$

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$$X_{2762} - 28Y_{2762} \leq +0 \quad \text{(G2762)} \quad (6258)$$

$$X_{2763} - 567Y_{2763} \leq +0 \quad \text{(G2763)} \quad (6259)$$

$$X_{2764} - 468Y_{2764} \leq +0 \quad \text{(G2764)} \quad (6260)$$

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$$X_{2767} - 192Y_{2767} \leq +0 \quad \text{(G2767)} \quad (6263)$$

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$$X_{2771} - 1456Y_{2771} \leq +0 \quad \text{(G2771)} \quad (6267)$$

$$X_{2772} - 546Y_{2772} \leq +0 \quad \text{(G2772)} \quad (6268)$$

$$X_{2773} - 1456Y_{2773} \leq +0 \quad \text{(G2773)} \quad (6269)$$

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$$X_{2775} - 264Y_{2775} \leq +0 \quad \text{(G2775)} \quad (6271)$$

$$X_{2776} - 782Y_{2776} \leq +0 \quad \text{(G2776)} \quad (6272)$$

$$X_{2777} - 1456Y_{2777} \leq +0 \quad \text{(G2777)} \quad (6273)$$
$$X_{2778} - 3Y_{2778} \leq +0 \quad \text{(G2778)} \quad (6274)$$
$$X_{2779} - 515Y_{2779} \leq +0 \quad \text{(G2779)} \quad (6275)$$
$$X_{2780} - 3Y_{2780} \leq +0 \quad \text{(G2780)} \quad (6276)$$
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$$X_{2782} - 339Y_{2782} \leq +0 \quad \text{(G2782)} \quad (6278)$$
$$X_{2783} - 441Y_{2783} \leq +0 \quad \text{(G2783)} \quad (6279)$$
$$X_{2784} - 48Y_{2784} \leq +0 \quad \text{(G2784)} \quad (6280)$$
$$X_{2785} - 14Y_{2785} \leq +0 \quad \text{(G2785)} \quad (6281)$$
$$X_{2786} - 5Y_{2786} \leq +0 \quad \text{(G2786)} \quad (6282)$$
$$X_{2787} - 421Y_{2787} \leq +0 \quad \text{(G2787)} \quad (6283)$$
$$X_{2788} - 245Y_{2788} \leq +0 \quad \text{(G2788)} \quad (6284)$$
$$X_{2789} - 506Y_{2789} \leq +0 \quad \text{(G2789)} \quad (6285)$$
$$X_{2790} - 12Y_{2790} \leq +0 \quad \text{(G2790)} \quad (6286)$$
$$X_{2791} - 312Y_{2791} \leq +0 \quad \text{(G2791)} \quad (6287)$$
$$X_{2792} - 8Y_{2792} \leq +0 \quad \text{(G2792)} \quad (6288)$$
$$X_{2793} - 691Y_{2793} \leq +0 \quad \text{(G2793)} \quad (6289)$$
$$X_{2794} - 15Y_{2794} \leq +0 \quad \text{(G2794)} \quad (6290)$$
$$X_{2795} - 427Y_{2795} \leq +0 \quad \text{(G2795)} \quad (6291)$$
$$X_{2796} - 547Y_{2796} \leq +0 \quad \text{(G2796)} \quad (6292)$$
$$X_{2797} - 1456Y_{2797} \leq +0 \quad \text{(G2797)} \quad (6293)$$
$$X_{2798} - 817Y_{2798} \leq +0 \quad \text{(G2798)} \quad (6294)$$
$$X_{2799} - 589Y_{2799} \leq +0 \quad \text{(G2799)} \quad (6295)$$
$$X_{2800} - 810Y_{2800} \leq +0 \quad \text{(G2800)} \quad (6296)$$
$$X_{2801} - 394Y_{2801} \leq +0 \quad \text{(G2801)} \quad (6297)$$
$$X_{2802} - 11Y_{2802} \leq +0 \quad \text{(G2802)} \quad (6298)$$
$$X_{2803} - 535Y_{2803} \leq +0 \quad \text{(G2803)} \quad (6299)$$
$$X_{2804} - 182Y_{2804} \leq +0 \quad \text{(G2804)} \quad (6300)$$
$$X_{2805} - 573Y_{2805} \leq +0 \quad \text{(G2805)} \quad (6301)$$
$$X_{2806} - 136Y_{2806} \leq +0 \quad \text{(G2806)} \quad (6302)$$
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$$X_{2808} - 571Y_{2808} \leq +0 \quad \text{(G2808)} \quad (6304)$$
$$X_{2809} - 8Y_{2809} \leq +0 \quad \text{(G2809)} \quad (6305)$$
$$X_{2810} - 810Y_{2810} \leq +0 \quad \text{(G2810)} \quad (6306)$$
$$X_{2811} - 112Y_{2811} \leq +0 \quad \text{(G2811)} \quad (6307)$$
$$X_{2812} - 64Y_{2812} \leq +0 \quad \text{(G2812)} \quad (6308)$$
$$X_{2813} - 528Y_{2813} \leq +0 \quad \text{(G2813)} \quad (6309)$$
$$X_{2814} - 19Y_{2814} \leq +0 \quad \text{(G2814)} \quad (6310)$$
$$X_{2815} - 810Y_{2815} \leq +0 \quad \text{(G2815)} \quad (6311)$$
$$X_{2816} - 74Y_{2816} \leq +0 \quad \text{(G2816)} \quad (6312)$$
$$X_{2817} - 9Y_{2817} \leq +0 \quad \text{(G2817)} \quad (6313)$$
$$X_{2818} - 2Y_{2818} \leq +0 \quad \text{(G2818)} \quad (6314)$$

$$X_{2819} - 114Y_{2819} \leq +0 \quad \text{(G2819)} \quad (6315)$$

$$X_{2820} - Y_{2820} \leq +0 \quad \text{(G2820)} \quad (6316)$$

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$$X_{2822} - 661Y_{2822} \leq +0 \quad \text{(G2822)} \quad (6318)$$

$$X_{2823} - 603Y_{2823} \leq +0 \quad \text{(G2823)} \quad (6319)$$

$$X_{2824} - 810Y_{2824} \leq +0 \quad \text{(G2824)} \quad (6320)$$

$$X_{2825} - 6Y_{2825} \leq +0 \quad \text{(G2825)} \quad (6321)$$

$$X_{2826} - 2Y_{2826} \leq +0 \quad \text{(G2826)} \quad (6322)$$

$$X_{2827} - 544Y_{2827} \leq +0 \quad \text{(G2827)} \quad (6323)$$

$$X_{2828} - 810Y_{2828} \leq +0 \quad \text{(G2828)} \quad (6324)$$

$$X_{2829} - 406Y_{2829} \leq +0 \quad \text{(G2829)} \quad (6325)$$

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$$X_{2831} - 12Y_{2831} \leq +0 \quad \text{(G2831)} \quad (6327)$$

$$X_{2832} - 242Y_{2832} \leq +0 \quad \text{(G2832)} \quad (6328)$$

$$X_{2833} - 246Y_{2833} \leq +0 \quad \text{(G2833)} \quad (6329)$$

$$X_{2834} - 17Y_{2834} \leq +0 \quad \text{(G2834)} \quad (6330)$$

$$X_{2835} - 673Y_{2835} \leq +0 \quad \text{(G2835)} \quad (6331)$$

$$X_{2836} - 5Y_{2836} \leq +0 \quad \text{(G2836)} \quad (6332)$$

$$X_{2837} - 810Y_{2837} \leq +0 \quad \text{(G2837)} \quad (6333)$$

$$X_{2838} - 3Y_{2838} \leq +0 \quad \text{(G2838)} \quad (6334)$$

$$X_{2839} - 2Y_{2839} \leq +0 \quad \text{(G2839)} \quad (6335)$$

$$X_{2840} - 708Y_{2840} \leq +0 \quad \text{(G2840)} \quad (6336)$$

$$X_{2841} - 810Y_{2841} \leq +0 \quad \text{(G2841)} \quad (6337)$$

$$X_{2842} - 618Y_{2842} \leq +0 \quad \text{(G2842)} \quad (6338)$$

$$X_{2843} - 38Y_{2843} \leq +0 \quad \text{(G2843)} \quad (6339)$$

$$X_{2844} - 703Y_{2844} \leq +0 \quad \text{(G2844)} \quad (6340)$$

$$X_{2845} - 810Y_{2845} \leq +0 \quad \text{(G2845)} \quad (6341)$$

$$X_{2846} - 810Y_{2846} \leq +0 \quad \text{(G2846)} \quad (6342)$$

$$X_{2847} - 796Y_{2847} \leq +0 \quad \text{(G2847)} \quad (6343)$$

$$X_{2848} - 338Y_{2848} \leq +0 \quad \text{(G2848)} \quad (6344)$$

$$X_{2849} - 488Y_{2849} \leq +0 \quad \text{(G2849)} \quad (6345)$$

$$X_{2850} - 11Y_{2850} \leq +0 \quad \text{(G2850)} \quad (6346)$$

$$X_{2851} - 231Y_{2851} \leq +0 \quad \text{(G2851)} \quad (6347)$$

$$X_{2852} - 6Y_{2852} \leq +0 \quad \text{(G2852)} \quad (6348)$$

$$X_{2853} - 255Y_{2853} \leq +0 \quad \text{(G2853)} \quad (6349)$$

$$X_{2854} - 810Y_{2854} \leq +0 \quad \text{(G2854)} \quad (6350)$$

$$X_{2855} - 810Y_{2855} \leq +0 \quad \text{(G2855)} \quad (6351)$$

$$X_{2856} - 731Y_{2856} \leq +0 \quad \text{(G2856)} \quad (6352)$$

$$X_{2857} - 572Y_{2857} \leq +0 \quad \text{(G2857)} \quad (6353)$$

$$X_{2858} - 79Y_{2858} \leq +0 \quad \text{(G2858)} \quad (6354)$$

$$X_{2859} - 2Y_{2859} \leq +0 \quad \text{(G2859)} \quad (6355)$$

$$X_{2860} - 11Y_{2860} \leq +0 \quad \text{(G2860)} \quad (6356)$$

$$X_{2861} - 416Y_{2861} \leq +0 \quad \text{(G2861)} \quad (6357)$$
$$X_{2862} - 28Y_{2862} \leq +0 \quad \text{(G2862)} \quad (6358)$$
$$X_{2863} - 567Y_{2863} \leq +0 \quad \text{(G2863)} \quad (6359)$$
$$X_{2864} - 468Y_{2864} \leq +0 \quad \text{(G2864)} \quad (6360)$$
$$X_{2865} - 810Y_{2865} \leq +0 \quad \text{(G2865)} \quad (6361)$$
$$X_{2866} - 9Y_{2866} \leq +0 \quad \text{(G2866)} \quad (6362)$$
$$X_{2867} - 192Y_{2867} \leq +0 \quad \text{(G2867)} \quad (6363)$$
$$X_{2868} - 295Y_{2868} \leq +0 \quad \text{(G2868)} \quad (6364)$$
$$X_{2869} - 8Y_{2869} \leq +0 \quad \text{(G2869)} \quad (6365)$$
$$X_{2870} - 810Y_{2870} \leq +0 \quad \text{(G2870)} \quad (6366)$$
$$X_{2871} - 810Y_{2871} \leq +0 \quad \text{(G2871)} \quad (6367)$$
$$X_{2872} - 546Y_{2872} \leq +0 \quad \text{(G2872)} \quad (6368)$$
$$X_{2873} - 810Y_{2873} \leq +0 \quad \text{(G2873)} \quad (6369)$$
$$X_{2874} - 70Y_{2874} \leq +0 \quad \text{(G2874)} \quad (6370)$$
$$X_{2875} - 264Y_{2875} \leq +0 \quad \text{(G2875)} \quad (6371)$$
$$X_{2876} - 782Y_{2876} \leq +0 \quad \text{(G2876)} \quad (6372)$$
$$X_{2877} - 810Y_{2877} \leq +0 \quad \text{(G2877)} \quad (6373)$$
$$X_{2878} - 3Y_{2878} \leq +0 \quad \text{(G2878)} \quad (6374)$$
$$X_{2879} - 515Y_{2879} \leq +0 \quad \text{(G2879)} \quad (6375)$$
$$X_{2880} - 3Y_{2880} \leq +0 \quad \text{(G2880)} \quad (6376)$$
$$X_{2881} - 509Y_{2881} \leq +0 \quad \text{(G2881)} \quad (6377)$$
$$X_{2882} - 339Y_{2882} \leq +0 \quad \text{(G2882)} \quad (6378)$$
$$X_{2883} - 441Y_{2883} \leq +0 \quad \text{(G2883)} \quad (6379)$$
$$X_{2884} - 48Y_{2884} \leq +0 \quad \text{(G2884)} \quad (6380)$$
$$X_{2885} - 14Y_{2885} \leq +0 \quad \text{(G2885)} \quad (6381)$$
$$X_{2886} - 5Y_{2886} \leq +0 \quad \text{(G2886)} \quad (6382)$$
$$X_{2887} - 421Y_{2887} \leq +0 \quad \text{(G2887)} \quad (6383)$$
$$X_{2888} - 245Y_{2888} \leq +0 \quad \text{(G2888)} \quad (6384)$$
$$X_{2889} - 506Y_{2889} \leq +0 \quad \text{(G2889)} \quad (6385)$$
$$X_{2890} - 12Y_{2890} \leq +0 \quad \text{(G2890)} \quad (6386)$$
$$X_{2891} - 312Y_{2891} \leq +0 \quad \text{(G2891)} \quad (6387)$$
$$X_{2892} - 8Y_{2892} \leq +0 \quad \text{(G2892)} \quad (6388)$$
$$X_{2893} - 691Y_{2893} \leq +0 \quad \text{(G2893)} \quad (6389)$$
$$X_{2894} - 15Y_{2894} \leq +0 \quad \text{(G2894)} \quad (6390)$$
$$X_{2895} - 427Y_{2895} \leq +0 \quad \text{(G2895)} \quad (6391)$$
$$X_{2896} - 547Y_{2896} \leq +0 \quad \text{(G2896)} \quad (6392)$$
$$X_{2897} - 810Y_{2897} \leq +0 \quad \text{(G2897)} \quad (6393)$$
$$X_{2898} - 810Y_{2898} \leq +0 \quad \text{(G2898)} \quad (6394)$$
$$X_{2899} - 589Y_{2899} \leq +0 \quad \text{(G2899)} \quad (6395)$$
$$X_{2900} - 704Y_{2900} \leq +0 \quad \text{(G2900)} \quad (6396)$$
$$X_{2901} - 394Y_{2901} \leq +0 \quad \text{(G2901)} \quad (6397)$$
$$X_{2902} - 11Y_{2902} \leq +0 \quad \text{(G2902)} \quad (6398)$$

$$X_{2903} - 535Y_{2903} \leq +0 \quad \text{(G2903)} \quad (6399)$$

$$X_{2904} - 182Y_{2904} \leq +0 \quad \text{(G2904)} \quad (6400)$$

$$X_{2905} - 573Y_{2905} \leq +0 \quad \text{(G2905)} \quad (6401)$$

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$$X_{2907} - 589Y_{2907} \leq +0 \quad \text{(G2907)} \quad (6403)$$

$$X_{2908} - 571Y_{2908} \leq +0 \quad \text{(G2908)} \quad (6404)$$

$$X_{2909} - 8Y_{2909} \leq +0 \quad \text{(G2909)} \quad (6405)$$

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$$X_{2914} - 19Y_{2914} \leq +0 \quad \text{(G2914)} \quad (6410)$$

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$$X_{2918} - 2Y_{2918} \leq +0 \quad \text{(G2918)} \quad (6414)$$

$$X_{2919} - 114Y_{2919} \leq +0 \quad \text{(G2919)} \quad (6415)$$

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$$X_{2923} - 603Y_{2923} \leq +0 \quad \text{(G2923)} \quad (6419)$$

$$X_{2924} - 704Y_{2924} \leq +0 \quad \text{(G2924)} \quad (6420)$$

$$X_{2925} - 6Y_{2925} \leq +0 \quad \text{(G2925)} \quad (6421)$$

$$X_{2926} - 2Y_{2926} \leq +0 \quad \text{(G2926)} \quad (6422)$$

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$$X_{2930} - 704Y_{2930} \leq +0 \quad \text{(G2930)} \quad (6426)$$

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$$X_{2939} - 2Y_{2939} \leq +0 \quad \text{(G2939)} \quad (6435)$$

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$$X_{2947} - 704Y_{2947} \leq +0 \quad \text{(G2947)} \quad (6443)$$

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$$X_{2955} - 704Y_{2955} \leq +0 \quad \text{(G2955)} \quad (6451)$$

$$X_{2956} - 704Y_{2956} \leq +0 \quad \text{(G2956)} \quad (6452)$$

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$$X_{2974} - 70Y_{2974} \leq +0 \quad \text{(G2974)} \quad (6470)$$

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$$X_{2977} - 704Y_{2977} \leq +0 \quad \text{(G2977)} \quad (6473)$$

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$$X_{2989} - 506Y_{2989} \leq +0 \quad \text{(G2989)} \quad (6485)$$

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$$X_{2991} - 312Y_{2991} \leq +0 \quad \text{(G2991)} \quad (6487)$$

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$$X_{3003} - 175Y_{3003} \leq +0 \quad \text{(G3003)} \quad (6499)$$

$$X_{3004} - 175Y_{3004} \leq +0 \quad \text{(G3004)} \quad (6500)$$

$$X_{3005} - 175Y_{3005} \leq +0 \quad \text{(G3005)} \quad (6501)$$

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$$X_{3008} - 175Y_{3008} \leq +0 \quad \text{(G3008)} \quad (6504)$$

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$$X_{3054} - 175Y_{3054} \leq +0 \quad \text{(G3054)} \quad (6550)$$

$$X_{3055} - 175Y_{3055} \leq +0 \quad \text{(G3055)} \quad (6551)$$

$$X_{3056} - 175Y_{3056} \leq +0 \quad \text{(G3056)} \quad (6552)$$

$$X_{3057} - 175Y_{3057} \leq +0 \quad \text{(G3057)} \quad (6553)$$

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$$X_{3076} - 175Y_{3076} \leq +0 \quad \text{(G3076)} \quad (6572)$$
$$X_{3077} - 175Y_{3077} \leq +0 \quad \text{(G3077)} \quad (6573)$$
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$$X_{3081} - 175Y_{3081} \leq +0 \quad \text{(G3081)} \quad (6577)$$
$$X_{3082} - 175Y_{3082} \leq +0 \quad \text{(G3082)} \quad (6578)$$
$$X_{3083} - 175Y_{3083} \leq +0 \quad \text{(G3083)} \quad (6579)$$
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$$X_{3085} - 14Y_{3085} \leq +0 \quad \text{(G3085)} \quad (6581)$$
$$X_{3086} - 5Y_{3086} \leq +0 \quad \text{(G3086)} \quad (6582)$$
$$X_{3087} - 175Y_{3087} \leq +0 \quad \text{(G3087)} \quad (6583)$$
$$X_{3088} - 175Y_{3088} \leq +0 \quad \text{(G3088)} \quad (6584)$$
$$X_{3089} - 175Y_{3089} \leq +0 \quad \text{(G3089)} \quad (6585)$$
$$X_{3090} - 12Y_{3090} \leq +0 \quad \text{(G3090)} \quad (6586)$$
$$X_{3091} - 175Y_{3091} \leq +0 \quad \text{(G3091)} \quad (6587)$$
$$X_{3092} - 8Y_{3092} \leq +0 \quad \text{(G3092)} \quad (6588)$$
$$X_{3093} - 175Y_{3093} \leq +0 \quad \text{(G3093)} \quad (6589)$$
$$X_{3094} - 15Y_{3094} \leq +0 \quad \text{(G3094)} \quad (6590)$$
$$X_{3095} - 175Y_{3095} \leq +0 \quad \text{(G3095)} \quad (6591)$$
$$X_{3096} - 175Y_{3096} \leq +0 \quad \text{(G3096)} \quad (6592)$$
$$X_{3097} - 175Y_{3097} \leq +0 \quad \text{(G3097)} \quad (6593)$$
$$X_{3098} - 175Y_{3098} \leq +0 \quad \text{(G3098)} \quad (6594)$$
$$X_{3099} - 175Y_{3099} \leq +0 \quad \text{(G3099)} \quad (6595)$$
$$X_{3100} - 877Y_{3100} \leq +0 \quad \text{(G3100)} \quad (6596)$$
$$X_{3101} - 394Y_{3101} \leq +0 \quad \text{(G3101)} \quad (6597)$$
$$X_{3102} - 11Y_{3102} \leq +0 \quad \text{(G3102)} \quad (6598)$$
$$X_{3103} - 535Y_{3103} \leq +0 \quad \text{(G3103)} \quad (6599)$$
$$X_{3104} - 182Y_{3104} \leq +0 \quad \text{(G3104)} \quad (6600)$$
$$X_{3105} - 573Y_{3105} \leq +0 \quad \text{(G3105)} \quad (6601)$$
$$X_{3106} - 136Y_{3106} \leq +0 \quad \text{(G3106)} \quad (6602)$$
$$X_{3107} - 589Y_{3107} \leq +0 \quad \text{(G3107)} \quad (6603)$$
$$X_{3108} - 571Y_{3108} \leq +0 \quad \text{(G3108)} \quad (6604)$$
$$X_{3109} - 8Y_{3109} \leq +0 \quad \text{(G3109)} \quad (6605)$$
$$X_{3110} - 1403Y_{3110} \leq +0 \quad \text{(G3110)} \quad (6606)$$
$$X_{3111} - 112Y_{3111} \leq +0 \quad \text{(G3111)} \quad (6607)$$
$$X_{3112} - 64Y_{3112} \leq +0 \quad \text{(G3112)} \quad (6608)$$

$$X_{3113} - 528Y_{3113} \leq +0 \quad \text{(G3113)} \quad (6609)$$
$$X_{3114} - 19Y_{3114} \leq +0 \quad \text{(G3114)} \quad (6610)$$
$$X_{3115} - 1403Y_{3115} \leq +0 \quad \text{(G3115)} \quad (6611)$$
$$X_{3116} - 74Y_{3116} \leq +0 \quad \text{(G3116)} \quad (6612)$$
$$X_{3117} - 9Y_{3117} \leq +0 \quad \text{(G3117)} \quad (6613)$$
$$X_{3118} - 2Y_{3118} \leq +0 \quad \text{(G3118)} \quad (6614)$$
$$X_{3119} - 114Y_{3119} \leq +0 \quad \text{(G3119)} \quad (6615)$$
$$X_{3120} - Y_{3120} \leq +0 \quad \text{(G3120)} \quad (6616)$$
$$X_{3121} - 338Y_{3121} \leq +0 \quad \text{(G3121)} \quad (6617)$$
$$X_{3122} - 661Y_{3122} \leq +0 \quad \text{(G3122)} \quad (6618)$$
$$X_{3123} - 603Y_{3123} \leq +0 \quad \text{(G3123)} \quad (6619)$$
$$X_{3124} - 1274Y_{3124} \leq +0 \quad \text{(G3124)} \quad (6620)$$
$$X_{3125} - 6Y_{3125} \leq +0 \quad \text{(G3125)} \quad (6621)$$
$$X_{3126} - 2Y_{3126} \leq +0 \quad \text{(G3126)} \quad (6622)$$
$$X_{3127} - 544Y_{3127} \leq +0 \quad \text{(G3127)} \quad (6623)$$
$$X_{3128} - 1403Y_{3128} \leq +0 \quad \text{(G3128)} \quad (6624)$$
$$X_{3129} - 406Y_{3129} \leq +0 \quad \text{(G3129)} \quad (6625)$$
$$X_{3130} - 911Y_{3130} \leq +0 \quad \text{(G3130)} \quad (6626)$$
$$X_{3131} - 12Y_{3131} \leq +0 \quad \text{(G3131)} \quad (6627)$$
$$X_{3132} - 242Y_{3132} \leq +0 \quad \text{(G3132)} \quad (6628)$$
$$X_{3133} - 246Y_{3133} \leq +0 \quad \text{(G3133)} \quad (6629)$$
$$X_{3134} - 17Y_{3134} \leq +0 \quad \text{(G3134)} \quad (6630)$$
$$X_{3135} - 673Y_{3135} \leq +0 \quad \text{(G3135)} \quad (6631)$$
$$X_{3136} - 5Y_{3136} \leq +0 \quad \text{(G3136)} \quad (6632)$$
$$X_{3137} - 1097Y_{3137} \leq +0 \quad \text{(G3137)} \quad (6633)$$
$$X_{3138} - 3Y_{3138} \leq +0 \quad \text{(G3138)} \quad (6634)$$
$$X_{3139} - 2Y_{3139} \leq +0 \quad \text{(G3139)} \quad (6635)$$
$$X_{3140} - 708Y_{3140} \leq +0 \quad \text{(G3140)} \quad (6636)$$
$$X_{3141} - 1403Y_{3141} \leq +0 \quad \text{(G3141)} \quad (6637)$$
$$X_{3142} - 618Y_{3142} \leq +0 \quad \text{(G3142)} \quad (6638)$$
$$X_{3143} - 38Y_{3143} \leq +0 \quad \text{(G3143)} \quad (6639)$$
$$X_{3144} - 703Y_{3144} \leq +0 \quad \text{(G3144)} \quad (6640)$$
$$X_{3145} - 1403Y_{3145} \leq +0 \quad \text{(G3145)} \quad (6641)$$
$$X_{3146} - 1070Y_{3146} \leq +0 \quad \text{(G3146)} \quad (6642)$$
$$X_{3147} - 796Y_{3147} \leq +0 \quad \text{(G3147)} \quad (6643)$$
$$X_{3148} - 338Y_{3148} \leq +0 \quad \text{(G3148)} \quad (6644)$$
$$X_{3149} - 488Y_{3149} \leq +0 \quad \text{(G3149)} \quad (6645)$$
$$X_{3150} - 11Y_{3150} \leq +0 \quad \text{(G3150)} \quad (6646)$$
$$X_{3151} - 231Y_{3151} \leq +0 \quad \text{(G3151)} \quad (6647)$$
$$X_{3152} - 6Y_{3152} \leq +0 \quad \text{(G3152)} \quad (6648)$$
$$X_{3153} - 255Y_{3153} \leq +0 \quad \text{(G3153)} \quad (6649)$$
$$X_{3154} - 1403Y_{3154} \leq +0 \quad \text{(G3154)} \quad (6650)$$

$$X_{3155} - 1017Y_{3155} \leq +0 \quad \text{(G3155)} \quad (6651)$$

$$X_{3156} - 731Y_{3156} \leq +0 \quad \text{(G3156)} \quad (6652)$$

$$X_{3157} - 572Y_{3157} \leq +0 \quad \text{(G3157)} \quad (6653)$$

$$X_{3158} - 79Y_{3158} \leq +0 \quad \text{(G3158)} \quad (6654)$$

$$X_{3159} - 2Y_{3159} \leq +0 \quad \text{(G3159)} \quad (6655)$$

$$X_{3160} - 11Y_{3160} \leq +0 \quad \text{(G3160)} \quad (6656)$$

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$$X_{3162} - 28Y_{3162} \leq +0 \quad \text{(G3162)} \quad (6658)$$

$$X_{3163} - 567Y_{3163} \leq +0 \quad \text{(G3163)} \quad (6659)$$

$$X_{3164} - 468Y_{3164} \leq +0 \quad \text{(G3164)} \quad (6660)$$

$$X_{3165} - 1403Y_{3165} \leq +0 \quad \text{(G3165)} \quad (6661)$$

$$X_{3166} - 9Y_{3166} \leq +0 \quad \text{(G3166)} \quad (6662)$$

$$X_{3167} - 192Y_{3167} \leq +0 \quad \text{(G3167)} \quad (6663)$$

$$X_{3168} - 295Y_{3168} \leq +0 \quad \text{(G3168)} \quad (6664)$$

$$X_{3169} - 8Y_{3169} \leq +0 \quad \text{(G3169)} \quad (6665)$$

$$X_{3170} - 1139Y_{3170} \leq +0 \quad \text{(G3170)} \quad (6666)$$

$$X_{3171} - 1403Y_{3171} \leq +0 \quad \text{(G3171)} \quad (6667)$$

$$X_{3172} - 546Y_{3172} \leq +0 \quad \text{(G3172)} \quad (6668)$$

$$X_{3173} - 1403Y_{3173} \leq +0 \quad \text{(G3173)} \quad (6669)$$

$$X_{3174} - 70Y_{3174} \leq +0 \quad \text{(G3174)} \quad (6670)$$

$$X_{3175} - 264Y_{3175} \leq +0 \quad \text{(G3175)} \quad (6671)$$

$$X_{3176} - 782Y_{3176} \leq +0 \quad \text{(G3176)} \quad (6672)$$

$$X_{3177} - 1403Y_{3177} \leq +0 \quad \text{(G3177)} \quad (6673)$$

$$X_{3178} - 3Y_{3178} \leq +0 \quad \text{(G3178)} \quad (6674)$$

$$X_{3179} - 515Y_{3179} \leq +0 \quad \text{(G3179)} \quad (6675)$$

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$$X_{3181} - 509Y_{3181} \leq +0 \quad \text{(G3181)} \quad (6677)$$

$$X_{3182} - 339Y_{3182} \leq +0 \quad \text{(G3182)} \quad (6678)$$

$$X_{3183} - 441Y_{3183} \leq +0 \quad \text{(G3183)} \quad (6679)$$

$$X_{3184} - 48Y_{3184} \leq +0 \quad \text{(G3184)} \quad (6680)$$

$$X_{3185} - 14Y_{3185} \leq +0 \quad \text{(G3185)} \quad (6681)$$

$$X_{3186} - 5Y_{3186} \leq +0 \quad \text{(G3186)} \quad (6682)$$

$$X_{3187} - 421Y_{3187} \leq +0 \quad \text{(G3187)} \quad (6683)$$

$$X_{3188} - 245Y_{3188} \leq +0 \quad \text{(G3188)} \quad (6684)$$

$$X_{3189} - 506Y_{3189} \leq +0 \quad \text{(G3189)} \quad (6685)$$

$$X_{3190} - 12Y_{3190} \leq +0 \quad \text{(G3190)} \quad (6686)$$

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$$X_{3195} - 427Y_{3195} \leq +0 \quad \text{(G3195)} \quad (6691)$$

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$$X_{3208} - 571Y_{3208} \leq +0 \quad \text{(G3208)} \quad (6704)$$

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$$X_{3215} - 1571Y_{3215} \leq +0 \quad \text{(G3215)} \quad (6711)$$

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$$X_{3219} - 114Y_{3219} \leq +0 \quad \text{(G3219)} \quad (6715)$$

$$X_{3220} - Y_{3220} \leq +0 \quad \text{(G3220)} \quad (6716)$$

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$$X_{3222} - 661Y_{3222} \leq +0 \quad \text{(G3222)} \quad (6718)$$

$$X_{3223} - 603Y_{3223} \leq +0 \quad \text{(G3223)} \quad (6719)$$

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$$X_{3239} - 2Y_{3239} \leq +0 \quad \text{(G3239)} \quad (6735)$$

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$$X_{3257} - 572Y_{3257} \leq +0 \quad \text{(G3257)} \quad (6753)$$

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$$X_{3260} - 11Y_{3260} \leq +0 \quad \text{(G3260)} \quad (6756)$$

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$$X_{3269} - 8Y_{3269} \leq +0 \quad \text{(G3269)} \quad (6765)$$

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$$X_{3274} - 70Y_{3274} \leq +0 \quad \text{(G3274)} \quad (6770)$$

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$$X_{3277} - 1561Y_{3277} \leq +0 \quad \text{(G3277)} \quad (6773)$$

$$X_{3278} - 3Y_{3278} \leq +0 \quad \text{(G3278)} \quad (6774)$$

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$$X_{3282} - 339Y_{3282} \leq +0 \quad \text{(G3282)} \quad (6778)$$

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$$X_{3300} - 877Y_{3300} \leq +0 \quad \text{(G3300)} \quad (6796)$$

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$$X_{3308} - 571Y_{3308} \leq +0 \quad \text{(G3308)} \quad (6804)$$

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$$X_{3312} - 64Y_{3312} \leq +0 \quad \text{(G3312)} \quad (6808)$$

$$X_{3313} - 528Y_{3313} \leq +0 \quad \text{(G3313)} \quad (6809)$$

$$X_{3314} - 19Y_{3314} \leq +0 \quad \text{(G3314)} \quad (6810)$$

$$X_{3315} - 924Y_{3315} \leq +0 \quad \text{(G3315)} \quad (6811)$$

$$X_{3316} - 74Y_{3316} \leq +0 \quad \text{(G3316)} \quad (6812)$$

$$X_{3317} - 9Y_{3317} \leq +0 \quad \text{(G3317)} \quad (6813)$$

$$X_{3318} - 2Y_{3318} \leq +0 \quad \text{(G3318)} \quad (6814)$$

$$X_{3319} - 114Y_{3319} \leq +0 \quad \text{(G3319)} \quad (6815)$$

$$X_{3320} - Y_{3320} \leq +0 \quad \text{(G3320)} \quad (6816)$$

$$X_{3321} - 338Y_{3321} \leq +0 \quad \text{(G3321)} \quad (6817)$$

$$X_{3322} - 661Y_{3322} \leq +0 \quad \text{(G3322)} \quad (6818)$$

$$X_{3323} - 603Y_{3323} \leq +0 \quad \text{(G3323)} \quad (6819)$$

$$X_{3324} - 924Y_{3324} \leq +0 \quad \text{(G3324)} \quad (6820)$$

$$X_{3325} - 6Y_{3325} \leq +0 \quad \text{(G3325)} \quad (6821)$$

$$X_{3326} - 2Y_{3326} \leq +0 \quad \text{(G3326)} \quad (6822)$$

$$X_{3327} - 544Y_{3327} \leq +0 \quad \text{(G3327)} \quad (6823)$$

$$X_{3328} - 924Y_{3328} \leq +0 \quad \text{(G3328)} \quad (6824)$$

$$X_{3329} - 406Y_{3329} \leq +0 \quad \text{(G3329)} \quad (6825)$$

$$X_{3330} - 911Y_{3330} \leq +0 \quad \text{(G3330)} \quad (6826)$$

$$X_{3331} - 12Y_{3331} \leq +0 \quad \text{(G3331)} \quad (6827)$$

$$X_{3332} - 242Y_{3332} \leq +0 \quad \text{(G3332)} \quad (6828)$$

$$X_{3333} - 246Y_{3333} \leq +0 \quad \text{(G3333)} \quad (6829)$$

$$X_{3334} - 17Y_{3334} \leq +0 \quad \text{(G3334)} \quad (6830)$$

$$X_{3335} - 673Y_{3335} \leq +0 \quad \text{(G3335)} \quad (6831)$$

$$X_{3336} - 5Y_{3336} \leq +0 \quad \text{(G3336)} \quad (6832)$$

$$X_{3337} - 924Y_{3337} \leq +0 \quad \text{(G3337)} \quad (6833)$$

$$X_{3338} - 3Y_{3338} \leq +0 \quad \text{(G3338)} \quad (6834)$$

$$X_{3339} - 2Y_{3339} \leq +0 \quad \text{(G3339)} \quad (6835)$$

$$X_{3340} - 708Y_{3340} \leq +0 \quad \text{(G3340)} \quad (6836)$$

$$X_{3341} - 924Y_{3341} \leq +0 \quad \text{(G3341)} \quad (6837)$$

$$X_{3342} - 618Y_{3342} \leq +0 \quad \text{(G3342)} \quad (6838)$$

$$X_{3343} - 38Y_{3343} \leq +0 \quad \text{(G3343)} \quad (6839)$$

$$X_{3344} - 703Y_{3344} \leq +0 \quad \text{(G3344)} \quad (6840)$$

$$X_{3345} - 924Y_{3345} \leq +0 \quad \text{(G3345)} \quad (6841)$$

$$X_{3346} - 924Y_{3346} \leq +0 \quad \text{(G3346)} \quad (6842)$$

$$X_{3347} - 796Y_{3347} \leq +0 \quad \text{(G3347)} \quad (6843)$$

$$X_{3348} - 338Y_{3348} \leq +0 \quad \text{(G3348)} \quad (6844)$$

$$X_{3349} - 488Y_{3349} \leq +0 \quad \text{(G3349)} \quad (6845)$$

$$X_{3350} - 11Y_{3350} \leq +0 \quad \text{(G3350)} \quad (6846)$$

$$X_{3351} - 231Y_{3351} \leq +0 \quad \text{(G3351)} \quad (6847)$$

$$X_{3352} - 6Y_{3352} \leq +0 \quad \text{(G3352)} \quad (6848)$$

$$X_{3353} - 255Y_{3353} \leq +0 \quad \text{(G3353)} \quad (6849)$$

$$X_{3354} - 924Y_{3354} \leq +0 \quad \text{(G3354)} \quad (6850)$$

$$X_{3355} - 924Y_{3355} \leq +0 \quad \text{(G3355)} \quad (6851)$$

$$X_{3356} - 731Y_{3356} \leq +0 \quad \text{(G3356)} \quad (6852)$$

$$X_{3357} - 572Y_{3357} \leq +0 \quad \text{(G3357)} \quad (6853)$$

$$X_{3358} - 79Y_{3358} \leq +0 \quad \text{(G3358)} \quad (6854)$$

$$X_{3359} - 2Y_{3359} \leq +0 \quad \text{(G3359)} \quad (6855)$$

$$X_{3360} - 11Y_{3360} \leq +0 \quad \text{(G3360)} \quad (6856)$$

$$X_{3361} - 416Y_{3361} \leq +0 \quad \text{(G3361)} \quad (6857)$$

$$X_{3362} - 28Y_{3362} \leq +0 \quad \text{(G3362)} \quad (6858)$$

$$X_{3363} - 567Y_{3363} \leq +0 \quad \text{(G3363)} \quad (6859)$$

$$X_{3364} - 468Y_{3364} \leq +0 \quad \text{(G3364)} \quad (6860)$$

$$X_{3365} - 924Y_{3365} \leq +0 \quad \text{(G3365)} \quad (6861)$$
$$X_{3366} - 9Y_{3366} \leq +0 \quad \text{(G3366)} \quad (6862)$$
$$X_{3367} - 192Y_{3367} \leq +0 \quad \text{(G3367)} \quad (6863)$$
$$X_{3368} - 295Y_{3368} \leq +0 \quad \text{(G3368)} \quad (6864)$$
$$X_{3369} - 8Y_{3369} \leq +0 \quad \text{(G3369)} \quad (6865)$$
$$X_{3370} - 924Y_{3370} \leq +0 \quad \text{(G3370)} \quad (6866)$$
$$X_{3371} - 924Y_{3371} \leq +0 \quad \text{(G3371)} \quad (6867)$$
$$X_{3372} - 546Y_{3372} \leq +0 \quad \text{(G3372)} \quad (6868)$$
$$X_{3373} - 924Y_{3373} \leq +0 \quad \text{(G3373)} \quad (6869)$$
$$X_{3374} - 70Y_{3374} \leq +0 \quad \text{(G3374)} \quad (6870)$$
$$X_{3375} - 264Y_{3375} \leq +0 \quad \text{(G3375)} \quad (6871)$$
$$X_{3376} - 782Y_{3376} \leq +0 \quad \text{(G3376)} \quad (6872)$$
$$X_{3377} - 924Y_{3377} \leq +0 \quad \text{(G3377)} \quad (6873)$$
$$X_{3378} - 3Y_{3378} \leq +0 \quad \text{(G3378)} \quad (6874)$$
$$X_{3379} - 515Y_{3379} \leq +0 \quad \text{(G3379)} \quad (6875)$$
$$X_{3380} - 3Y_{3380} \leq +0 \quad \text{(G3380)} \quad (6876)$$
$$X_{3381} - 509Y_{3381} \leq +0 \quad \text{(G3381)} \quad (6877)$$
$$X_{3382} - 339Y_{3382} \leq +0 \quad \text{(G3382)} \quad (6878)$$
$$X_{3383} - 441Y_{3383} \leq +0 \quad \text{(G3383)} \quad (6879)$$
$$X_{3384} - 48Y_{3384} \leq +0 \quad \text{(G3384)} \quad (6880)$$
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$$X_{3386} - 5Y_{3386} \leq +0 \quad \text{(G3386)} \quad (6882)$$
$$X_{3387} - 421Y_{3387} \leq +0 \quad \text{(G3387)} \quad (6883)$$
$$X_{3388} - 245Y_{3388} \leq +0 \quad \text{(G3388)} \quad (6884)$$
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$$X_{3391} - 312Y_{3391} \leq +0 \quad \text{(G3391)} \quad (6887)$$
$$X_{3392} - 8Y_{3392} \leq +0 \quad \text{(G3392)} \quad (6888)$$
$$X_{3393} - 691Y_{3393} \leq +0 \quad \text{(G3393)} \quad (6889)$$
$$X_{3394} - 15Y_{3394} \leq +0 \quad \text{(G3394)} \quad (6890)$$
$$X_{3395} - 427Y_{3395} \leq +0 \quad \text{(G3395)} \quad (6891)$$
$$X_{3396} - 547Y_{3396} \leq +0 \quad \text{(G3396)} \quad (6892)$$
$$X_{3397} - 924Y_{3397} \leq +0 \quad \text{(G3397)} \quad (6893)$$
$$X_{3398} - 817Y_{3398} \leq +0 \quad \text{(G3398)} \quad (6894)$$
$$X_{3399} - 589Y_{3399} \leq +0 \quad \text{(G3399)} \quad (6895)$$
$$X_{3400} - 877Y_{3400} \leq +0 \quad \text{(G3400)} \quad (6896)$$
$$X_{3401} - 394Y_{3401} \leq +0 \quad \text{(G3401)} \quad (6897)$$
$$X_{3402} - 11Y_{3402} \leq +0 \quad \text{(G3402)} \quad (6898)$$
$$X_{3403} - 535Y_{3403} \leq +0 \quad \text{(G3403)} \quad (6899)$$
$$X_{3404} - 182Y_{3404} \leq +0 \quad \text{(G3404)} \quad (6900)$$
$$X_{3405} - 573Y_{3405} \leq +0 \quad \text{(G3405)} \quad (6901)$$
$$X_{3406} - 136Y_{3406} \leq +0 \quad \text{(G3406)} \quad (6902)$$

$$X_{3407} - 589Y_{3407} \leq +0 \quad \text{(G3407)} \quad (6903)$$

$$X_{3408} - 571Y_{3408} \leq +0 \quad \text{(G3408)} \quad (6904)$$

$$X_{3409} - 8Y_{3409} \leq +0 \quad \text{(G3409)} \quad (6905)$$

$$X_{3410} - 1925Y_{3410} \leq +0 \quad \text{(G3410)} \quad (6906)$$

$$X_{3411} - 112Y_{3411} \leq +0 \quad \text{(G3411)} \quad (6907)$$

$$X_{3412} - 64Y_{3412} \leq +0 \quad \text{(G3412)} \quad (6908)$$

$$X_{3413} - 528Y_{3413} \leq +0 \quad \text{(G3413)} \quad (6909)$$

$$X_{3414} - 19Y_{3414} \leq +0 \quad \text{(G3414)} \quad (6910)$$

$$X_{3415} - 1571Y_{3415} \leq +0 \quad \text{(G3415)} \quad (6911)$$

$$X_{3416} - 74Y_{3416} \leq +0 \quad \text{(G3416)} \quad (6912)$$

$$X_{3417} - 9Y_{3417} \leq +0 \quad \text{(G3417)} \quad (6913)$$

$$X_{3418} - 2Y_{3418} \leq +0 \quad \text{(G3418)} \quad (6914)$$

$$X_{3419} - 114Y_{3419} \leq +0 \quad \text{(G3419)} \quad (6915)$$

$$X_{3420} - Y_{3420} \leq +0 \quad \text{(G3420)} \quad (6916)$$

$$X_{3421} - 338Y_{3421} \leq +0 \quad \text{(G3421)} \quad (6917)$$

$$X_{3422} - 661Y_{3422} \leq +0 \quad \text{(G3422)} \quad (6918)$$

$$X_{3423} - 603Y_{3423} \leq +0 \quad \text{(G3423)} \quad (6919)$$

$$X_{3424} - 1274Y_{3424} \leq +0 \quad \text{(G3424)} \quad (6920)$$

$$X_{3425} - 6Y_{3425} \leq +0 \quad \text{(G3425)} \quad (6921)$$

$$X_{3426} - 2Y_{3426} \leq +0 \quad \text{(G3426)} \quad (6922)$$

$$X_{3427} - 544Y_{3427} \leq +0 \quad \text{(G3427)} \quad (6923)$$

$$X_{3428} - 1727Y_{3428} \leq +0 \quad \text{(G3428)} \quad (6924)$$

$$X_{3429} - 406Y_{3429} \leq +0 \quad \text{(G3429)} \quad (6925)$$

$$X_{3430} - 911Y_{3430} \leq +0 \quad \text{(G3430)} \quad (6926)$$

$$X_{3431} - 12Y_{3431} \leq +0 \quad \text{(G3431)} \quad (6927)$$

$$X_{3432} - 242Y_{3432} \leq +0 \quad \text{(G3432)} \quad (6928)$$

$$X_{3433} - 246Y_{3433} \leq +0 \quad \text{(G3433)} \quad (6929)$$

$$X_{3434} - 17Y_{3434} \leq +0 \quad \text{(G3434)} \quad (6930)$$

$$X_{3435} - 673Y_{3435} \leq +0 \quad \text{(G3435)} \quad (6931)$$

$$X_{3436} - 5Y_{3436} \leq +0 \quad \text{(G3436)} \quad (6932)$$

$$X_{3437} - 1097Y_{3437} \leq +0 \quad \text{(G3437)} \quad (6933)$$

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$$X_{3439} - 2Y_{3439} \leq +0 \quad \text{(G3439)} \quad (6935)$$

$$X_{3440} - 708Y_{3440} \leq +0 \quad \text{(G3440)} \quad (6936)$$

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$$X_{3444} - 703Y_{3444} \leq +0 \quad \text{(G3444)} \quad (6940)$$

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$$X_{3447} - 796Y_{3447} \leq +0 \quad \text{(G3447)} \quad (6943)$$

$$X_{3448} - 338Y_{3448} \leq +0 \quad \text{(G3448)} \quad (6944)$$

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$$X_{3452} - 6Y_{3452} \leq +0 \quad \text{(G3452)} \quad (6948)$$
$$X_{3453} - 255Y_{3453} \leq +0 \quad \text{(G3453)} \quad (6949)$$
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$$X_{3455} - 1017Y_{3455} \leq +0 \quad \text{(G3455)} \quad (6951)$$
$$X_{3456} - 731Y_{3456} \leq +0 \quad \text{(G3456)} \quad (6952)$$
$$X_{3457} - 572Y_{3457} \leq +0 \quad \text{(G3457)} \quad (6953)$$
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$$X_{3459} - 2Y_{3459} \leq +0 \quad \text{(G3459)} \quad (6955)$$
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$$X_{3461} - 416Y_{3461} \leq +0 \quad \text{(G3461)} \quad (6957)$$
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$$X_{3463} - 567Y_{3463} \leq +0 \quad \text{(G3463)} \quad (6959)$$
$$X_{3464} - 468Y_{3464} \leq +0 \quad \text{(G3464)} \quad (6960)$$
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$$X_{3466} - 9Y_{3466} \leq +0 \quad \text{(G3466)} \quad (6962)$$
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$$X_{3469} - 8Y_{3469} \leq +0 \quad \text{(G3469)} \quad (6965)$$
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$$X_{3471} - 2145Y_{3471} \leq +0 \quad \text{(G3471)} \quad (6967)$$
$$X_{3472} - 546Y_{3472} \leq +0 \quad \text{(G3472)} \quad (6968)$$
$$X_{3473} - 1517Y_{3473} \leq +0 \quad \text{(G3473)} \quad (6969)$$
$$X_{3474} - 70Y_{3474} \leq +0 \quad \text{(G3474)} \quad (6970)$$
$$X_{3475} - 264Y_{3475} \leq +0 \quad \text{(G3475)} \quad (6971)$$
$$X_{3476} - 782Y_{3476} \leq +0 \quad \text{(G3476)} \quad (6972)$$
$$X_{3477} - 1561Y_{3477} \leq +0 \quad \text{(G3477)} \quad (6973)$$
$$X_{3478} - 3Y_{3478} \leq +0 \quad \text{(G3478)} \quad (6974)$$
$$X_{3479} - 515Y_{3479} \leq +0 \quad \text{(G3479)} \quad (6975)$$
$$X_{3480} - 3Y_{3480} \leq +0 \quad \text{(G3480)} \quad (6976)$$
$$X_{3481} - 509Y_{3481} \leq +0 \quad \text{(G3481)} \quad (6977)$$
$$X_{3482} - 339Y_{3482} \leq +0 \quad \text{(G3482)} \quad (6978)$$
$$X_{3483} - 441Y_{3483} \leq +0 \quad \text{(G3483)} \quad (6979)$$
$$X_{3484} - 48Y_{3484} \leq +0 \quad \text{(G3484)} \quad (6980)$$
$$X_{3485} - 14Y_{3485} \leq +0 \quad \text{(G3485)} \quad (6981)$$
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$$X_{3487} - 421Y_{3487} \leq +0 \quad \text{(G3487)} \quad (6983)$$
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$$X_{3489} - 506Y_{3489} \leq +0 \quad \text{(G3489)} \quad (6985)$$
$$X_{3490} - 12Y_{3490} \leq +0 \quad \text{(G3490)} \quad (6986)$$

$$X_{3491} - 312Y_{3491} \leq +0 \quad \text{(G3491)} \quad (6987)$$
$$X_{3492} - 8Y_{3492} \leq +0 \quad \text{(G3492)} \quad (6988)$$
$$X_{3493} - 691Y_{3493} \leq +0 \quad \text{(G3493)} \quad (6989)$$
$$X_{3494} - 15Y_{3494} \leq +0 \quad \text{(G3494)} \quad (6990)$$
$$X_{3495} - 427Y_{3495} \leq +0 \quad \text{(G3495)} \quad (6991)$$
$$X_{3496} - 547Y_{3496} \leq +0 \quad \text{(G3496)} \quad (6992)$$
$$X_{3497} - 1891Y_{3497} \leq +0 \quad \text{(G3497)} \quad (6993)$$
$$X_{3498} - 817Y_{3498} \leq +0 \quad \text{(G3498)} \quad (6994)$$
$$X_{3499} - 589Y_{3499} \leq +0 \quad \text{(G3499)} \quad (6995)$$
$$X_{3500} - 877Y_{3500} \leq +0 \quad \text{(G3500)} \quad (6996)$$
$$X_{3501} - 394Y_{3501} \leq +0 \quad \text{(G3501)} \quad (6997)$$
$$X_{3502} - 11Y_{3502} \leq +0 \quad \text{(G3502)} \quad (6998)$$
$$X_{3503} - 535Y_{3503} \leq +0 \quad \text{(G3503)} \quad (6999)$$
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$$X_{3505} - 573Y_{3505} \leq +0 \quad \text{(G3505)} \quad (7001)$$
$$X_{3506} - 136Y_{3506} \leq +0 \quad \text{(G3506)} \quad (7002)$$
$$X_{3507} - 589Y_{3507} \leq +0 \quad \text{(G3507)} \quad (7003)$$
$$X_{3508} - 571Y_{3508} \leq +0 \quad \text{(G3508)} \quad (7004)$$
$$X_{3509} - 8Y_{3509} \leq +0 \quad \text{(G3509)} \quad (7005)$$
$$X_{3510} - 1244Y_{3510} \leq +0 \quad \text{(G3510)} \quad (7006)$$
$$X_{3511} - 112Y_{3511} \leq +0 \quad \text{(G3511)} \quad (7007)$$
$$X_{3512} - 64Y_{3512} \leq +0 \quad \text{(G3512)} \quad (7008)$$
$$X_{3513} - 528Y_{3513} \leq +0 \quad \text{(G3513)} \quad (7009)$$
$$X_{3514} - 19Y_{3514} \leq +0 \quad \text{(G3514)} \quad (7010)$$
$$X_{3515} - 1244Y_{3515} \leq +0 \quad \text{(G3515)} \quad (7011)$$
$$X_{3516} - 74Y_{3516} \leq +0 \quad \text{(G3516)} \quad (7012)$$
$$X_{3517} - 9Y_{3517} \leq +0 \quad \text{(G3517)} \quad (7013)$$
$$X_{3518} - 2Y_{3518} \leq +0 \quad \text{(G3518)} \quad (7014)$$
$$X_{3519} - 114Y_{3519} \leq +0 \quad \text{(G3519)} \quad (7015)$$
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$$X_{3521} - 338Y_{3521} \leq +0 \quad \text{(G3521)} \quad (7017)$$
$$X_{3522} - 661Y_{3522} \leq +0 \quad \text{(G3522)} \quad (7018)$$
$$X_{3523} - 603Y_{3523} \leq +0 \quad \text{(G3523)} \quad (7019)$$
$$X_{3524} - 1244Y_{3524} \leq +0 \quad \text{(G3524)} \quad (7020)$$
$$X_{3525} - 6Y_{3525} \leq +0 \quad \text{(G3525)} \quad (7021)$$
$$X_{3526} - 2Y_{3526} \leq +0 \quad \text{(G3526)} \quad (7022)$$
$$X_{3527} - 544Y_{3527} \leq +0 \quad \text{(G3527)} \quad (7023)$$
$$X_{3528} - 1244Y_{3528} \leq +0 \quad \text{(G3528)} \quad (7024)$$
$$X_{3529} - 406Y_{3529} \leq +0 \quad \text{(G3529)} \quad (7025)$$
$$X_{3530} - 911Y_{3530} \leq +0 \quad \text{(G3530)} \quad (7026)$$
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$$X_{3532} - 242Y_{3532} \leq +0 \quad \text{(G3532)} \quad (7028)$$

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$$X_{3534} - 17Y_{3534} \leq +0 \quad \text{(G3534)} \quad (7030)$$
$$X_{3535} - 673Y_{3535} \leq +0 \quad \text{(G3535)} \quad (7031)$$
$$X_{3536} - 5Y_{3536} \leq +0 \quad \text{(G3536)} \quad (7032)$$
$$X_{3537} - 1097Y_{3537} \leq +0 \quad \text{(G3537)} \quad (7033)$$
$$X_{3538} - 3Y_{3538} \leq +0 \quad \text{(G3538)} \quad (7034)$$
$$X_{3539} - 2Y_{3539} \leq +0 \quad \text{(G3539)} \quad (7035)$$
$$X_{3540} - 708Y_{3540} \leq +0 \quad \text{(G3540)} \quad (7036)$$
$$X_{3541} - 1244Y_{3541} \leq +0 \quad \text{(G3541)} \quad (7037)$$
$$X_{3542} - 618Y_{3542} \leq +0 \quad \text{(G3542)} \quad (7038)$$
$$X_{3543} - 38Y_{3543} \leq +0 \quad \text{(G3543)} \quad (7039)$$
$$X_{3544} - 703Y_{3544} \leq +0 \quad \text{(G3544)} \quad (7040)$$
$$X_{3545} - 1244Y_{3545} \leq +0 \quad \text{(G3545)} \quad (7041)$$
$$X_{3546} - 1070Y_{3546} \leq +0 \quad \text{(G3546)} \quad (7042)$$
$$X_{3547} - 796Y_{3547} \leq +0 \quad \text{(G3547)} \quad (7043)$$
$$X_{3548} - 338Y_{3548} \leq +0 \quad \text{(G3548)} \quad (7044)$$
$$X_{3549} - 488Y_{3549} \leq +0 \quad \text{(G3549)} \quad (7045)$$
$$X_{3550} - 11Y_{3550} \leq +0 \quad \text{(G3550)} \quad (7046)$$
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$$X_{3552} - 6Y_{3552} \leq +0 \quad \text{(G3552)} \quad (7048)$$
$$X_{3553} - 255Y_{3553} \leq +0 \quad \text{(G3553)} \quad (7049)$$
$$X_{3554} - 1244Y_{3554} \leq +0 \quad \text{(G3554)} \quad (7050)$$
$$X_{3555} - 1017Y_{3555} \leq +0 \quad \text{(G3555)} \quad (7051)$$
$$X_{3556} - 731Y_{3556} \leq +0 \quad \text{(G3556)} \quad (7052)$$
$$X_{3557} - 572Y_{3557} \leq +0 \quad \text{(G3557)} \quad (7053)$$
$$X_{3558} - 79Y_{3558} \leq +0 \quad \text{(G3558)} \quad (7054)$$
$$X_{3559} - 2Y_{3559} \leq +0 \quad \text{(G3559)} \quad (7055)$$
$$X_{3560} - 11Y_{3560} \leq +0 \quad \text{(G3560)} \quad (7056)$$
$$X_{3561} - 416Y_{3561} \leq +0 \quad \text{(G3561)} \quad (7057)$$
$$X_{3562} - 28Y_{3562} \leq +0 \quad \text{(G3562)} \quad (7058)$$
$$X_{3563} - 567Y_{3563} \leq +0 \quad \text{(G3563)} \quad (7059)$$
$$X_{3564} - 468Y_{3564} \leq +0 \quad \text{(G3564)} \quad (7060)$$
$$X_{3565} - 1244Y_{3565} \leq +0 \quad \text{(G3565)} \quad (7061)$$
$$X_{3566} - 9Y_{3566} \leq +0 \quad \text{(G3566)} \quad (7062)$$
$$X_{3567} - 192Y_{3567} \leq +0 \quad \text{(G3567)} \quad (7063)$$
$$X_{3568} - 295Y_{3568} \leq +0 \quad \text{(G3568)} \quad (7064)$$
$$X_{3569} - 8Y_{3569} \leq +0 \quad \text{(G3569)} \quad (7065)$$
$$X_{3570} - 1139Y_{3570} \leq +0 \quad \text{(G3570)} \quad (7066)$$
$$X_{3571} - 1244Y_{3571} \leq +0 \quad \text{(G3571)} \quad (7067)$$
$$X_{3572} - 546Y_{3572} \leq +0 \quad \text{(G3572)} \quad (7068)$$
$$X_{3573} - 1244Y_{3573} \leq +0 \quad \text{(G3573)} \quad (7069)$$
$$X_{3574} - 70Y_{3574} \leq +0 \quad \text{(G3574)} \quad (7070)$$

$$X_{3575} - 264Y_{3575} \leq +0 \quad \text{(G3575)} \quad (7071)$$
$$X_{3576} - 782Y_{3576} \leq +0 \quad \text{(G3576)} \quad (7072)$$
$$X_{3577} - 1244Y_{3577} \leq +0 \quad \text{(G3577)} \quad (7073)$$
$$X_{3578} - 3Y_{3578} \leq +0 \quad \text{(G3578)} \quad (7074)$$
$$X_{3579} - 515Y_{3579} \leq +0 \quad \text{(G3579)} \quad (7075)$$
$$X_{3580} - 3Y_{3580} \leq +0 \quad \text{(G3580)} \quad (7076)$$
$$X_{3581} - 509Y_{3581} \leq +0 \quad \text{(G3581)} \quad (7077)$$
$$X_{3582} - 339Y_{3582} \leq +0 \quad \text{(G3582)} \quad (7078)$$
$$X_{3583} - 441Y_{3583} \leq +0 \quad \text{(G3583)} \quad (7079)$$
$$X_{3584} - 48Y_{3584} \leq +0 \quad \text{(G3584)} \quad (7080)$$
$$X_{3585} - 14Y_{3585} \leq +0 \quad \text{(G3585)} \quad (7081)$$
$$X_{3586} - 5Y_{3586} \leq +0 \quad \text{(G3586)} \quad (7082)$$
$$X_{3587} - 421Y_{3587} \leq +0 \quad \text{(G3587)} \quad (7083)$$
$$X_{3588} - 245Y_{3588} \leq +0 \quad \text{(G3588)} \quad (7084)$$
$$X_{3589} - 506Y_{3589} \leq +0 \quad \text{(G3589)} \quad (7085)$$
$$X_{3590} - 12Y_{3590} \leq +0 \quad \text{(G3590)} \quad (7086)$$
$$X_{3591} - 312Y_{3591} \leq +0 \quad \text{(G3591)} \quad (7087)$$
$$X_{3592} - 8Y_{3592} \leq +0 \quad \text{(G3592)} \quad (7088)$$
$$X_{3593} - 691Y_{3593} \leq +0 \quad \text{(G3593)} \quad (7089)$$
$$X_{3594} - 15Y_{3594} \leq +0 \quad \text{(G3594)} \quad (7090)$$
$$X_{3595} - 427Y_{3595} \leq +0 \quad \text{(G3595)} \quad (7091)$$
$$X_{3596} - 547Y_{3596} \leq +0 \quad \text{(G3596)} \quad (7092)$$
$$X_{3597} - 1244Y_{3597} \leq +0 \quad \text{(G3597)} \quad (7093)$$
$$X_{3598} - 817Y_{3598} \leq +0 \quad \text{(G3598)} \quad (7094)$$
$$X_{3599} - 589Y_{3599} \leq +0 \quad \text{(G3599)} \quad (7095)$$
$$X_{3600} - 841Y_{3600} \leq +0 \quad \text{(G3600)} \quad (7096)$$
$$X_{3601} - 394Y_{3601} \leq +0 \quad \text{(G3601)} \quad (7097)$$
$$X_{3602} - 11Y_{3602} \leq +0 \quad \text{(G3602)} \quad (7098)$$
$$X_{3603} - 535Y_{3603} \leq +0 \quad \text{(G3603)} \quad (7099)$$
$$X_{3604} - 182Y_{3604} \leq +0 \quad \text{(G3604)} \quad (7100)$$
$$X_{3605} - 573Y_{3605} \leq +0 \quad \text{(G3605)} \quad (7101)$$
$$X_{3606} - 136Y_{3606} \leq +0 \quad \text{(G3606)} \quad (7102)$$
$$X_{3607} - 589Y_{3607} \leq +0 \quad \text{(G3607)} \quad (7103)$$
$$X_{3608} - 571Y_{3608} \leq +0 \quad \text{(G3608)} \quad (7104)$$
$$X_{3609} - 8Y_{3609} \leq +0 \quad \text{(G3609)} \quad (7105)$$
$$X_{3610} - 841Y_{3610} \leq +0 \quad \text{(G3610)} \quad (7106)$$
$$X_{3611} - 112Y_{3611} \leq +0 \quad \text{(G3611)} \quad (7107)$$
$$X_{3612} - 64Y_{3612} \leq +0 \quad \text{(G3612)} \quad (7108)$$
$$X_{3613} - 528Y_{3613} \leq +0 \quad \text{(G3613)} \quad (7109)$$
$$X_{3614} - 19Y_{3614} \leq +0 \quad \text{(G3614)} \quad (7110)$$
$$X_{3615} - 841Y_{3615} \leq +0 \quad \text{(G3615)} \quad (7111)$$
$$X_{3616} - 74Y_{3616} \leq +0 \quad \text{(G3616)} \quad (7112)$$

$$X_{3617} - 9Y_{3617} \leq +0 \quad \text{(G3617)} \quad (7113)$$
$$X_{3618} - 2Y_{3618} \leq +0 \quad \text{(G3618)} \quad (7114)$$
$$X_{3619} - 114Y_{3619} \leq +0 \quad \text{(G3619)} \quad (7115)$$
$$X_{3620} - Y_{3620} \leq +0 \quad \text{(G3620)} \quad (7116)$$
$$X_{3621} - 338Y_{3621} \leq +0 \quad \text{(G3621)} \quad (7117)$$
$$X_{3622} - 661Y_{3622} \leq +0 \quad \text{(G3622)} \quad (7118)$$
$$X_{3623} - 603Y_{3623} \leq +0 \quad \text{(G3623)} \quad (7119)$$
$$X_{3624} - 841Y_{3624} \leq +0 \quad \text{(G3624)} \quad (7120)$$
$$X_{3625} - 6Y_{3625} \leq +0 \quad \text{(G3625)} \quad (7121)$$
$$X_{3626} - 2Y_{3626} \leq +0 \quad \text{(G3626)} \quad (7122)$$
$$X_{3627} - 544Y_{3627} \leq +0 \quad \text{(G3627)} \quad (7123)$$
$$X_{3628} - 841Y_{3628} \leq +0 \quad \text{(G3628)} \quad (7124)$$
$$X_{3629} - 406Y_{3629} \leq +0 \quad \text{(G3629)} \quad (7125)$$
$$X_{3630} - 841Y_{3630} \leq +0 \quad \text{(G3630)} \quad (7126)$$
$$X_{3631} - 12Y_{3631} \leq +0 \quad \text{(G3631)} \quad (7127)$$
$$X_{3632} - 242Y_{3632} \leq +0 \quad \text{(G3632)} \quad (7128)$$
$$X_{3633} - 246Y_{3633} \leq +0 \quad \text{(G3633)} \quad (7129)$$
$$X_{3634} - 17Y_{3634} \leq +0 \quad \text{(G3634)} \quad (7130)$$
$$X_{3635} - 673Y_{3635} \leq +0 \quad \text{(G3635)} \quad (7131)$$
$$X_{3636} - 5Y_{3636} \leq +0 \quad \text{(G3636)} \quad (7132)$$
$$X_{3637} - 841Y_{3637} \leq +0 \quad \text{(G3637)} \quad (7133)$$
$$X_{3638} - 3Y_{3638} \leq +0 \quad \text{(G3638)} \quad (7134)$$
$$X_{3639} - 2Y_{3639} \leq +0 \quad \text{(G3639)} \quad (7135)$$
$$X_{3640} - 708Y_{3640} \leq +0 \quad \text{(G3640)} \quad (7136)$$
$$X_{3641} - 841Y_{3641} \leq +0 \quad \text{(G3641)} \quad (7137)$$
$$X_{3642} - 618Y_{3642} \leq +0 \quad \text{(G3642)} \quad (7138)$$
$$X_{3643} - 38Y_{3643} \leq +0 \quad \text{(G3643)} \quad (7139)$$
$$X_{3644} - 703Y_{3644} \leq +0 \quad \text{(G3644)} \quad (7140)$$
$$X_{3645} - 841Y_{3645} \leq +0 \quad \text{(G3645)} \quad (7141)$$
$$X_{3646} - 841Y_{3646} \leq +0 \quad \text{(G3646)} \quad (7142)$$
$$X_{3647} - 796Y_{3647} \leq +0 \quad \text{(G3647)} \quad (7143)$$
$$X_{3648} - 338Y_{3648} \leq +0 \quad \text{(G3648)} \quad (7144)$$
$$X_{3649} - 488Y_{3649} \leq +0 \quad \text{(G3649)} \quad (7145)$$
$$X_{3650} - 11Y_{3650} \leq +0 \quad \text{(G3650)} \quad (7146)$$
$$X_{3651} - 231Y_{3651} \leq +0 \quad \text{(G3651)} \quad (7147)$$
$$X_{3652} - 6Y_{3652} \leq +0 \quad \text{(G3652)} \quad (7148)$$
$$X_{3653} - 255Y_{3653} \leq +0 \quad \text{(G3653)} \quad (7149)$$
$$X_{3654} - 841Y_{3654} \leq +0 \quad \text{(G3654)} \quad (7150)$$
$$X_{3655} - 841Y_{3655} \leq +0 \quad \text{(G3655)} \quad (7151)$$
$$X_{3656} - 731Y_{3656} \leq +0 \quad \text{(G3656)} \quad (7152)$$
$$X_{3657} - 572Y_{3657} \leq +0 \quad \text{(G3657)} \quad (7153)$$
$$X_{3658} - 79Y_{3658} \leq +0 \quad \text{(G3658)} \quad (7154)$$

$$X_{3659} - 2Y_{3659} \leq +0 \quad \text{(G3659)} \quad (7155)$$

$$X_{3660} - 11Y_{3660} \leq +0 \quad \text{(G3660)} \quad (7156)$$

$$X_{3661} - 416Y_{3661} \leq +0 \quad \text{(G3661)} \quad (7157)$$

$$X_{3662} - 28Y_{3662} \leq +0 \quad \text{(G3662)} \quad (7158)$$

$$X_{3663} - 567Y_{3663} \leq +0 \quad \text{(G3663)} \quad (7159)$$

$$X_{3664} - 468Y_{3664} \leq +0 \quad \text{(G3664)} \quad (7160)$$

$$X_{3665} - 841Y_{3665} \leq +0 \quad \text{(G3665)} \quad (7161)$$

$$X_{3666} - 9Y_{3666} \leq +0 \quad \text{(G3666)} \quad (7162)$$

$$X_{3667} - 192Y_{3667} \leq +0 \quad \text{(G3667)} \quad (7163)$$

$$X_{3668} - 295Y_{3668} \leq +0 \quad \text{(G3668)} \quad (7164)$$

$$X_{3669} - 8Y_{3669} \leq +0 \quad \text{(G3669)} \quad (7165)$$

$$X_{3670} - 841Y_{3670} \leq +0 \quad \text{(G3670)} \quad (7166)$$

$$X_{3671} - 841Y_{3671} \leq +0 \quad \text{(G3671)} \quad (7167)$$

$$X_{3672} - 546Y_{3672} \leq +0 \quad \text{(G3672)} \quad (7168)$$

$$X_{3673} - 841Y_{3673} \leq +0 \quad \text{(G3673)} \quad (7169)$$

$$X_{3674} - 70Y_{3674} \leq +0 \quad \text{(G3674)} \quad (7170)$$

$$X_{3675} - 264Y_{3675} \leq +0 \quad \text{(G3675)} \quad (7171)$$

$$X_{3676} - 782Y_{3676} \leq +0 \quad \text{(G3676)} \quad (7172)$$

$$X_{3677} - 841Y_{3677} \leq +0 \quad \text{(G3677)} \quad (7173)$$

$$X_{3678} - 3Y_{3678} \leq +0 \quad \text{(G3678)} \quad (7174)$$

$$X_{3679} - 515Y_{3679} \leq +0 \quad \text{(G3679)} \quad (7175)$$

$$X_{3680} - 3Y_{3680} \leq +0 \quad \text{(G3680)} \quad (7176)$$

$$X_{3681} - 509Y_{3681} \leq +0 \quad \text{(G3681)} \quad (7177)$$

$$X_{3682} - 339Y_{3682} \leq +0 \quad \text{(G3682)} \quad (7178)$$

$$X_{3683} - 441Y_{3683} \leq +0 \quad \text{(G3683)} \quad (7179)$$

$$X_{3684} - 48Y_{3684} \leq +0 \quad \text{(G3684)} \quad (7180)$$

$$X_{3685} - 14Y_{3685} \leq +0 \quad \text{(G3685)} \quad (7181)$$

$$X_{3686} - 5Y_{3686} \leq +0 \quad \text{(G3686)} \quad (7182)$$

$$X_{3687} - 421Y_{3687} \leq +0 \quad \text{(G3687)} \quad (7183)$$

$$X_{3688} - 245Y_{3688} \leq +0 \quad \text{(G3688)} \quad (7184)$$

$$X_{3689} - 506Y_{3689} \leq +0 \quad \text{(G3689)} \quad (7185)$$

$$X_{3690} - 12Y_{3690} \leq +0 \quad \text{(G3690)} \quad (7186)$$

$$X_{3691} - 312Y_{3691} \leq +0 \quad \text{(G3691)} \quad (7187)$$

$$X_{3692} - 8Y_{3692} \leq +0 \quad \text{(G3692)} \quad (7188)$$

$$X_{3693} - 691Y_{3693} \leq +0 \quad \text{(G3693)} \quad (7189)$$

$$X_{3694} - 15Y_{3694} \leq +0 \quad \text{(G3694)} \quad (7190)$$

$$X_{3695} - 427Y_{3695} \leq +0 \quad \text{(G3695)} \quad (7191)$$

$$X_{3696} - 547Y_{3696} \leq +0 \quad \text{(G3696)} \quad (7192)$$

$$X_{3697} - 841Y_{3697} \leq +0 \quad \text{(G3697)} \quad (7193)$$

$$X_{3698} - 817Y_{3698} \leq +0 \quad \text{(G3698)} \quad (7194)$$

$$X_{3699} - 589Y_{3699} \leq +0 \quad \text{(G3699)} \quad (7195)$$

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$$X_{3705} - 573Y_{3705} \leq +0 \quad \text{(G3705)} \quad (7201)$$
$$X_{3706} - 136Y_{3706} \leq +0 \quad \text{(G3706)} \quad (7202)$$
$$X_{3707} - 589Y_{3707} \leq +0 \quad \text{(G3707)} \quad (7203)$$
$$X_{3708} - 571Y_{3708} \leq +0 \quad \text{(G3708)} \quad (7204)$$
$$X_{3709} - 8Y_{3709} \leq +0 \quad \text{(G3709)} \quad (7205)$$
$$X_{3710} - 1132Y_{3710} \leq +0 \quad \text{(G3710)} \quad (7206)$$
$$X_{3711} - 112Y_{3711} \leq +0 \quad \text{(G3711)} \quad (7207)$$
$$X_{3712} - 64Y_{3712} \leq +0 \quad \text{(G3712)} \quad (7208)$$
$$X_{3713} - 528Y_{3713} \leq +0 \quad \text{(G3713)} \quad (7209)$$
$$X_{3714} - 19Y_{3714} \leq +0 \quad \text{(G3714)} \quad (7210)$$
$$X_{3715} - 1132Y_{3715} \leq +0 \quad \text{(G3715)} \quad (7211)$$
$$X_{3716} - 74Y_{3716} \leq +0 \quad \text{(G3716)} \quad (7212)$$
$$X_{3717} - 9Y_{3717} \leq +0 \quad \text{(G3717)} \quad (7213)$$
$$X_{3718} - 2Y_{3718} \leq +0 \quad \text{(G3718)} \quad (7214)$$
$$X_{3719} - 114Y_{3719} \leq +0 \quad \text{(G3719)} \quad (7215)$$
$$X_{3720} - Y_{3720} \leq +0 \quad \text{(G3720)} \quad (7216)$$
$$X_{3721} - 338Y_{3721} \leq +0 \quad \text{(G3721)} \quad (7217)$$
$$X_{3722} - 661Y_{3722} \leq +0 \quad \text{(G3722)} \quad (7218)$$
$$X_{3723} - 603Y_{3723} \leq +0 \quad \text{(G3723)} \quad (7219)$$
$$X_{3724} - 1132Y_{3724} \leq +0 \quad \text{(G3724)} \quad (7220)$$
$$X_{3725} - 6Y_{3725} \leq +0 \quad \text{(G3725)} \quad (7221)$$
$$X_{3726} - 2Y_{3726} \leq +0 \quad \text{(G3726)} \quad (7222)$$
$$X_{3727} - 544Y_{3727} \leq +0 \quad \text{(G3727)} \quad (7223)$$
$$X_{3728} - 1132Y_{3728} \leq +0 \quad \text{(G3728)} \quad (7224)$$
$$X_{3729} - 406Y_{3729} \leq +0 \quad \text{(G3729)} \quad (7225)$$
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$$X_{3731} - 12Y_{3731} \leq +0 \quad \text{(G3731)} \quad (7227)$$
$$X_{3732} - 242Y_{3732} \leq +0 \quad \text{(G3732)} \quad (7228)$$
$$X_{3733} - 246Y_{3733} \leq +0 \quad \text{(G3733)} \quad (7229)$$
$$X_{3734} - 17Y_{3734} \leq +0 \quad \text{(G3734)} \quad (7230)$$
$$X_{3735} - 673Y_{3735} \leq +0 \quad \text{(G3735)} \quad (7231)$$
$$X_{3736} - 5Y_{3736} \leq +0 \quad \text{(G3736)} \quad (7232)$$
$$X_{3737} - 1097Y_{3737} \leq +0 \quad \text{(G3737)} \quad (7233)$$
$$X_{3738} - 3Y_{3738} \leq +0 \quad \text{(G3738)} \quad (7234)$$
$$X_{3739} - 2Y_{3739} \leq +0 \quad \text{(G3739)} \quad (7235)$$
$$X_{3740} - 708Y_{3740} \leq +0 \quad \text{(G3740)} \quad (7236)$$
$$X_{3741} - 1132Y_{3741} \leq +0 \quad \text{(G3741)} \quad (7237)$$
$$X_{3742} - 618Y_{3742} \leq +0 \quad \text{(G3742)} \quad (7238)$$

$$X_{3743} - 38Y_{3743} \leq +0 \quad \text{(G3743)} \quad (7239)$$
$$X_{3744} - 703Y_{3744} \leq +0 \quad \text{(G3744)} \quad (7240)$$
$$X_{3745} - 1132Y_{3745} \leq +0 \quad \text{(G3745)} \quad (7241)$$
$$X_{3746} - 1070Y_{3746} \leq +0 \quad \text{(G3746)} \quad (7242)$$
$$X_{3747} - 796Y_{3747} \leq +0 \quad \text{(G3747)} \quad (7243)$$
$$X_{3748} - 338Y_{3748} \leq +0 \quad \text{(G3748)} \quad (7244)$$
$$X_{3749} - 488Y_{3749} \leq +0 \quad \text{(G3749)} \quad (7245)$$
$$X_{3750} - 11Y_{3750} \leq +0 \quad \text{(G3750)} \quad (7246)$$
$$X_{3751} - 231Y_{3751} \leq +0 \quad \text{(G3751)} \quad (7247)$$
$$X_{3752} - 6Y_{3752} \leq +0 \quad \text{(G3752)} \quad (7248)$$
$$X_{3753} - 255Y_{3753} \leq +0 \quad \text{(G3753)} \quad (7249)$$
$$X_{3754} - 1132Y_{3754} \leq +0 \quad \text{(G3754)} \quad (7250)$$
$$X_{3755} - 1017Y_{3755} \leq +0 \quad \text{(G3755)} \quad (7251)$$
$$X_{3756} - 731Y_{3756} \leq +0 \quad \text{(G3756)} \quad (7252)$$
$$X_{3757} - 572Y_{3757} \leq +0 \quad \text{(G3757)} \quad (7253)$$
$$X_{3758} - 79Y_{3758} \leq +0 \quad \text{(G3758)} \quad (7254)$$
$$X_{3759} - 2Y_{3759} \leq +0 \quad \text{(G3759)} \quad (7255)$$
$$X_{3760} - 11Y_{3760} \leq +0 \quad \text{(G3760)} \quad (7256)$$
$$X_{3761} - 416Y_{3761} \leq +0 \quad \text{(G3761)} \quad (7257)$$
$$X_{3762} - 28Y_{3762} \leq +0 \quad \text{(G3762)} \quad (7258)$$
$$X_{3763} - 567Y_{3763} \leq +0 \quad \text{(G3763)} \quad (7259)$$
$$X_{3764} - 468Y_{3764} \leq +0 \quad \text{(G3764)} \quad (7260)$$
$$X_{3765} - 1132Y_{3765} \leq +0 \quad \text{(G3765)} \quad (7261)$$
$$X_{3766} - 9Y_{3766} \leq +0 \quad \text{(G3766)} \quad (7262)$$
$$X_{3767} - 192Y_{3767} \leq +0 \quad \text{(G3767)} \quad (7263)$$
$$X_{3768} - 295Y_{3768} \leq +0 \quad \text{(G3768)} \quad (7264)$$
$$X_{3769} - 8Y_{3769} \leq +0 \quad \text{(G3769)} \quad (7265)$$
$$X_{3770} - 1132Y_{3770} \leq +0 \quad \text{(G3770)} \quad (7266)$$
$$X_{3771} - 1132Y_{3771} \leq +0 \quad \text{(G3771)} \quad (7267)$$
$$X_{3772} - 546Y_{3772} \leq +0 \quad \text{(G3772)} \quad (7268)$$
$$X_{3773} - 1132Y_{3773} \leq +0 \quad \text{(G3773)} \quad (7269)$$
$$X_{3774} - 70Y_{3774} \leq +0 \quad \text{(G3774)} \quad (7270)$$
$$X_{3775} - 264Y_{3775} \leq +0 \quad \text{(G3775)} \quad (7271)$$
$$X_{3776} - 782Y_{3776} \leq +0 \quad \text{(G3776)} \quad (7272)$$
$$X_{3777} - 1132Y_{3777} \leq +0 \quad \text{(G3777)} \quad (7273)$$
$$X_{3778} - 3Y_{3778} \leq +0 \quad \text{(G3778)} \quad (7274)$$
$$X_{3779} - 515Y_{3779} \leq +0 \quad \text{(G3779)} \quad (7275)$$
$$X_{3780} - 3Y_{3780} \leq +0 \quad \text{(G3780)} \quad (7276)$$
$$X_{3781} - 509Y_{3781} \leq +0 \quad \text{(G3781)} \quad (7277)$$
$$X_{3782} - 339Y_{3782} \leq +0 \quad \text{(G3782)} \quad (7278)$$
$$X_{3783} - 441Y_{3783} \leq +0 \quad \text{(G3783)} \quad (7279)$$
$$X_{3784} - 48Y_{3784} \leq +0 \quad \text{(G3784)} \quad (7280)$$

$$X_{3785} - 14Y_{3785} \leq +0 \quad \text{(G3785)} \quad (7281)$$
$$X_{3786} - 5Y_{3786} \leq +0 \quad \text{(G3786)} \quad (7282)$$
$$X_{3787} - 421Y_{3787} \leq +0 \quad \text{(G3787)} \quad (7283)$$
$$X_{3788} - 245Y_{3788} \leq +0 \quad \text{(G3788)} \quad (7284)$$
$$X_{3789} - 506Y_{3789} \leq +0 \quad \text{(G3789)} \quad (7285)$$
$$X_{3790} - 12Y_{3790} \leq +0 \quad \text{(G3790)} \quad (7286)$$
$$X_{3791} - 312Y_{3791} \leq +0 \quad \text{(G3791)} \quad (7287)$$
$$X_{3792} - 8Y_{3792} \leq +0 \quad \text{(G3792)} \quad (7288)$$
$$X_{3793} - 691Y_{3793} \leq +0 \quad \text{(G3793)} \quad (7289)$$
$$X_{3794} - 15Y_{3794} \leq +0 \quad \text{(G3794)} \quad (7290)$$
$$X_{3795} - 427Y_{3795} \leq +0 \quad \text{(G3795)} \quad (7291)$$
$$X_{3796} - 547Y_{3796} \leq +0 \quad \text{(G3796)} \quad (7292)$$
$$X_{3797} - 1132Y_{3797} \leq +0 \quad \text{(G3797)} \quad (7293)$$
$$X_{3798} - 817Y_{3798} \leq +0 \quad \text{(G3798)} \quad (7294)$$
$$X_{3799} - 589Y_{3799} \leq +0 \quad \text{(G3799)} \quad (7295)$$
$$X_{3800} - 648Y_{3800} \leq +0 \quad \text{(G3800)} \quad (7296)$$
$$X_{3801} - 394Y_{3801} \leq +0 \quad \text{(G3801)} \quad (7297)$$
$$X_{3802} - 11Y_{3802} \leq +0 \quad \text{(G3802)} \quad (7298)$$
$$X_{3803} - 535Y_{3803} \leq +0 \quad \text{(G3803)} \quad (7299)$$
$$X_{3804} - 182Y_{3804} \leq +0 \quad \text{(G3804)} \quad (7300)$$
$$X_{3805} - 573Y_{3805} \leq +0 \quad \text{(G3805)} \quad (7301)$$
$$X_{3806} - 136Y_{3806} \leq +0 \quad \text{(G3806)} \quad (7302)$$
$$X_{3807} - 589Y_{3807} \leq +0 \quad \text{(G3807)} \quad (7303)$$
$$X_{3808} - 571Y_{3808} \leq +0 \quad \text{(G3808)} \quad (7304)$$
$$X_{3809} - 8Y_{3809} \leq +0 \quad \text{(G3809)} \quad (7305)$$
$$X_{3810} - 648Y_{3810} \leq +0 \quad \text{(G3810)} \quad (7306)$$
$$X_{3811} - 112Y_{3811} \leq +0 \quad \text{(G3811)} \quad (7307)$$
$$X_{3812} - 64Y_{3812} \leq +0 \quad \text{(G3812)} \quad (7308)$$
$$X_{3813} - 528Y_{3813} \leq +0 \quad \text{(G3813)} \quad (7309)$$
$$X_{3814} - 19Y_{3814} \leq +0 \quad \text{(G3814)} \quad (7310)$$
$$X_{3815} - 648Y_{3815} \leq +0 \quad \text{(G3815)} \quad (7311)$$
$$X_{3816} - 74Y_{3816} \leq +0 \quad \text{(G3816)} \quad (7312)$$
$$X_{3817} - 9Y_{3817} \leq +0 \quad \text{(G3817)} \quad (7313)$$
$$X_{3818} - 2Y_{3818} \leq +0 \quad \text{(G3818)} \quad (7314)$$
$$X_{3819} - 114Y_{3819} \leq +0 \quad \text{(G3819)} \quad (7315)$$
$$X_{3820} - Y_{3820} \leq +0 \quad \text{(G3820)} \quad (7316)$$
$$X_{3821} - 338Y_{3821} \leq +0 \quad \text{(G3821)} \quad (7317)$$
$$X_{3822} - 648Y_{3822} \leq +0 \quad \text{(G3822)} \quad (7318)$$
$$X_{3823} - 603Y_{3823} \leq +0 \quad \text{(G3823)} \quad (7319)$$
$$X_{3824} - 648Y_{3824} \leq +0 \quad \text{(G3824)} \quad (7320)$$
$$X_{3825} - 6Y_{3825} \leq +0 \quad \text{(G3825)} \quad (7321)$$
$$X_{3826} - 2Y_{3826} \leq +0 \quad \text{(G3826)} \quad (7322)$$

$$X_{3827} - 544Y_{3827} \leq +0 \quad \text{(G3827)} \quad (7323)$$

$$X_{3828} - 648Y_{3828} \leq +0 \quad \text{(G3828)} \quad (7324)$$

$$X_{3829} - 406Y_{3829} \leq +0 \quad \text{(G3829)} \quad (7325)$$

$$X_{3830} - 648Y_{3830} \leq +0 \quad \text{(G3830)} \quad (7326)$$

$$X_{3831} - 12Y_{3831} \leq +0 \quad \text{(G3831)} \quad (7327)$$

$$X_{3832} - 242Y_{3832} \leq +0 \quad \text{(G3832)} \quad (7328)$$

$$X_{3833} - 246Y_{3833} \leq +0 \quad \text{(G3833)} \quad (7329)$$

$$X_{3834} - 17Y_{3834} \leq +0 \quad \text{(G3834)} \quad (7330)$$

$$X_{3835} - 648Y_{3835} \leq +0 \quad \text{(G3835)} \quad (7331)$$

$$X_{3836} - 5Y_{3836} \leq +0 \quad \text{(G3836)} \quad (7332)$$

$$X_{3837} - 648Y_{3837} \leq +0 \quad \text{(G3837)} \quad (7333)$$

$$X_{3838} - 3Y_{3838} \leq +0 \quad \text{(G3838)} \quad (7334)$$

$$X_{3839} - 2Y_{3839} \leq +0 \quad \text{(G3839)} \quad (7335)$$

$$X_{3840} - 648Y_{3840} \leq +0 \quad \text{(G3840)} \quad (7336)$$

$$X_{3841} - 648Y_{3841} \leq +0 \quad \text{(G3841)} \quad (7337)$$

$$X_{3842} - 618Y_{3842} \leq +0 \quad \text{(G3842)} \quad (7338)$$

$$X_{3843} - 38Y_{3843} \leq +0 \quad \text{(G3843)} \quad (7339)$$

$$X_{3844} - 648Y_{3844} \leq +0 \quad \text{(G3844)} \quad (7340)$$

$$X_{3845} - 648Y_{3845} \leq +0 \quad \text{(G3845)} \quad (7341)$$

$$X_{3846} - 648Y_{3846} \leq +0 \quad \text{(G3846)} \quad (7342)$$

$$X_{3847} - 648Y_{3847} \leq +0 \quad \text{(G3847)} \quad (7343)$$

$$X_{3848} - 338Y_{3848} \leq +0 \quad \text{(G3848)} \quad (7344)$$

$$X_{3849} - 488Y_{3849} \leq +0 \quad \text{(G3849)} \quad (7345)$$

$$X_{3850} - 11Y_{3850} \leq +0 \quad \text{(G3850)} \quad (7346)$$

$$X_{3851} - 231Y_{3851} \leq +0 \quad \text{(G3851)} \quad (7347)$$

$$X_{3852} - 6Y_{3852} \leq +0 \quad \text{(G3852)} \quad (7348)$$

$$X_{3853} - 255Y_{3853} \leq +0 \quad \text{(G3853)} \quad (7349)$$

$$X_{3854} - 648Y_{3854} \leq +0 \quad \text{(G3854)} \quad (7350)$$

$$X_{3855} - 648Y_{3855} \leq +0 \quad \text{(G3855)} \quad (7351)$$

$$X_{3856} - 648Y_{3856} \leq +0 \quad \text{(G3856)} \quad (7352)$$

$$X_{3857} - 572Y_{3857} \leq +0 \quad \text{(G3857)} \quad (7353)$$

$$X_{3858} - 79Y_{3858} \leq +0 \quad \text{(G3858)} \quad (7354)$$

$$X_{3859} - 2Y_{3859} \leq +0 \quad \text{(G3859)} \quad (7355)$$

$$X_{3860} - 11Y_{3860} \leq +0 \quad \text{(G3860)} \quad (7356)$$

$$X_{3861} - 416Y_{3861} \leq +0 \quad \text{(G3861)} \quad (7357)$$

$$X_{3862} - 28Y_{3862} \leq +0 \quad \text{(G3862)} \quad (7358)$$

$$X_{3863} - 567Y_{3863} \leq +0 \quad \text{(G3863)} \quad (7359)$$

$$X_{3864} - 468Y_{3864} \leq +0 \quad \text{(G3864)} \quad (7360)$$

$$X_{3865} - 648Y_{3865} \leq +0 \quad \text{(G3865)} \quad (7361)$$

$$X_{3866} - 9Y_{3866} \leq +0 \quad \text{(G3866)} \quad (7362)$$

$$X_{3867} - 192Y_{3867} \leq +0 \quad \text{(G3867)} \quad (7363)$$

$$X_{3868} - 295Y_{3868} \leq +0 \quad \text{(G3868)} \quad (7364)$$

$$X_{3869} - 8Y_{3869} \leq +0 \quad \text{(G3869)} \quad (7365)$$
$$X_{3870} - 648Y_{3870} \leq +0 \quad \text{(G3870)} \quad (7366)$$
$$X_{3871} - 648Y_{3871} \leq +0 \quad \text{(G3871)} \quad (7367)$$
$$X_{3872} - 546Y_{3872} \leq +0 \quad \text{(G3872)} \quad (7368)$$
$$X_{3873} - 648Y_{3873} \leq +0 \quad \text{(G3873)} \quad (7369)$$
$$X_{3874} - 70Y_{3874} \leq +0 \quad \text{(G3874)} \quad (7370)$$
$$X_{3875} - 264Y_{3875} \leq +0 \quad \text{(G3875)} \quad (7371)$$
$$X_{3876} - 648Y_{3876} \leq +0 \quad \text{(G3876)} \quad (7372)$$
$$X_{3877} - 648Y_{3877} \leq +0 \quad \text{(G3877)} \quad (7373)$$
$$X_{3878} - 3Y_{3878} \leq +0 \quad \text{(G3878)} \quad (7374)$$
$$X_{3879} - 515Y_{3879} \leq +0 \quad \text{(G3879)} \quad (7375)$$
$$X_{3880} - 3Y_{3880} \leq +0 \quad \text{(G3880)} \quad (7376)$$
$$X_{3881} - 509Y_{3881} \leq +0 \quad \text{(G3881)} \quad (7377)$$
$$X_{3882} - 339Y_{3882} \leq +0 \quad \text{(G3882)} \quad (7378)$$
$$X_{3883} - 441Y_{3883} \leq +0 \quad \text{(G3883)} \quad (7379)$$
$$X_{3884} - 48Y_{3884} \leq +0 \quad \text{(G3884)} \quad (7380)$$
$$X_{3885} - 14Y_{3885} \leq +0 \quad \text{(G3885)} \quad (7381)$$
$$X_{3886} - 5Y_{3886} \leq +0 \quad \text{(G3886)} \quad (7382)$$
$$X_{3887} - 421Y_{3887} \leq +0 \quad \text{(G3887)} \quad (7383)$$
$$X_{3888} - 245Y_{3888} \leq +0 \quad \text{(G3888)} \quad (7384)$$
$$X_{3889} - 506Y_{3889} \leq +0 \quad \text{(G3889)} \quad (7385)$$
$$X_{3890} - 12Y_{3890} \leq +0 \quad \text{(G3890)} \quad (7386)$$
$$X_{3891} - 312Y_{3891} \leq +0 \quad \text{(G3891)} \quad (7387)$$
$$X_{3892} - 8Y_{3892} \leq +0 \quad \text{(G3892)} \quad (7388)$$
$$X_{3893} - 648Y_{3893} \leq +0 \quad \text{(G3893)} \quad (7389)$$
$$X_{3894} - 15Y_{3894} \leq +0 \quad \text{(G3894)} \quad (7390)$$
$$X_{3895} - 427Y_{3895} \leq +0 \quad \text{(G3895)} \quad (7391)$$
$$X_{3896} - 547Y_{3896} \leq +0 \quad \text{(G3896)} \quad (7392)$$
$$X_{3897} - 648Y_{3897} \leq +0 \quad \text{(G3897)} \quad (7393)$$
$$X_{3898} - 648Y_{3898} \leq +0 \quad \text{(G3898)} \quad (7394)$$
$$X_{3899} - 589Y_{3899} \leq +0 \quad \text{(G3899)} \quad (7395)$$
$$X_{3900} - 407Y_{3900} \leq +0 \quad \text{(G3900)} \quad (7396)$$
$$X_{3901} - 394Y_{3901} \leq +0 \quad \text{(G3901)} \quad (7397)$$
$$X_{3902} - 11Y_{3902} \leq +0 \quad \text{(G3902)} \quad (7398)$$
$$X_{3903} - 407Y_{3903} \leq +0 \quad \text{(G3903)} \quad (7399)$$
$$X_{3904} - 182Y_{3904} \leq +0 \quad \text{(G3904)} \quad (7400)$$
$$X_{3905} - 407Y_{3905} \leq +0 \quad \text{(G3905)} \quad (7401)$$
$$X_{3906} - 136Y_{3906} \leq +0 \quad \text{(G3906)} \quad (7402)$$
$$X_{3907} - 407Y_{3907} \leq +0 \quad \text{(G3907)} \quad (7403)$$
$$X_{3908} - 407Y_{3908} \leq +0 \quad \text{(G3908)} \quad (7404)$$
$$X_{3909} - 8Y_{3909} \leq +0 \quad \text{(G3909)} \quad (7405)$$
$$X_{3910} - 407Y_{3910} \leq +0 \quad \text{(G3910)} \quad (7406)$$

$$X_{3911} - 112Y_{3911} \leq +0 \quad \text{(G3911)} \quad (7407)$$
$$X_{3912} - 64Y_{3912} \leq +0 \quad \text{(G3912)} \quad (7408)$$
$$X_{3913} - 407Y_{3913} \leq +0 \quad \text{(G3913)} \quad (7409)$$
$$X_{3914} - 19Y_{3914} \leq +0 \quad \text{(G3914)} \quad (7410)$$
$$X_{3915} - 407Y_{3915} \leq +0 \quad \text{(G3915)} \quad (7411)$$
$$X_{3916} - 74Y_{3916} \leq +0 \quad \text{(G3916)} \quad (7412)$$
$$X_{3917} - 9Y_{3917} \leq +0 \quad \text{(G3917)} \quad (7413)$$
$$X_{3918} - 2Y_{3918} \leq +0 \quad \text{(G3918)} \quad (7414)$$
$$X_{3919} - 114Y_{3919} \leq +0 \quad \text{(G3919)} \quad (7415)$$
$$X_{3920} - Y_{3920} \leq +0 \quad \text{(G3920)} \quad (7416)$$
$$X_{3921} - 338Y_{3921} \leq +0 \quad \text{(G3921)} \quad (7417)$$
$$X_{3922} - 407Y_{3922} \leq +0 \quad \text{(G3922)} \quad (7418)$$
$$X_{3923} - 407Y_{3923} \leq +0 \quad \text{(G3923)} \quad (7419)$$
$$X_{3924} - 407Y_{3924} \leq +0 \quad \text{(G3924)} \quad (7420)$$
$$X_{3925} - 6Y_{3925} \leq +0 \quad \text{(G3925)} \quad (7421)$$
$$X_{3926} - 2Y_{3926} \leq +0 \quad \text{(G3926)} \quad (7422)$$
$$X_{3927} - 407Y_{3927} \leq +0 \quad \text{(G3927)} \quad (7423)$$
$$X_{3928} - 407Y_{3928} \leq +0 \quad \text{(G3928)} \quad (7424)$$
$$X_{3929} - 406Y_{3929} \leq +0 \quad \text{(G3929)} \quad (7425)$$
$$X_{3930} - 407Y_{3930} \leq +0 \quad \text{(G3930)} \quad (7426)$$
$$X_{3931} - 12Y_{3931} \leq +0 \quad \text{(G3931)} \quad (7427)$$
$$X_{3932} - 242Y_{3932} \leq +0 \quad \text{(G3932)} \quad (7428)$$
$$X_{3933} - 246Y_{3933} \leq +0 \quad \text{(G3933)} \quad (7429)$$
$$X_{3934} - 17Y_{3934} \leq +0 \quad \text{(G3934)} \quad (7430)$$
$$X_{3935} - 407Y_{3935} \leq +0 \quad \text{(G3935)} \quad (7431)$$
$$X_{3936} - 5Y_{3936} \leq +0 \quad \text{(G3936)} \quad (7432)$$
$$X_{3937} - 407Y_{3937} \leq +0 \quad \text{(G3937)} \quad (7433)$$
$$X_{3938} - 3Y_{3938} \leq +0 \quad \text{(G3938)} \quad (7434)$$
$$X_{3939} - 2Y_{3939} \leq +0 \quad \text{(G3939)} \quad (7435)$$
$$X_{3940} - 407Y_{3940} \leq +0 \quad \text{(G3940)} \quad (7436)$$
$$X_{3941} - 407Y_{3941} \leq +0 \quad \text{(G3941)} \quad (7437)$$
$$X_{3942} - 407Y_{3942} \leq +0 \quad \text{(G3942)} \quad (7438)$$
$$X_{3943} - 38Y_{3943} \leq +0 \quad \text{(G3943)} \quad (7439)$$
$$X_{3944} - 407Y_{3944} \leq +0 \quad \text{(G3944)} \quad (7440)$$
$$X_{3945} - 407Y_{3945} \leq +0 \quad \text{(G3945)} \quad (7441)$$
$$X_{3946} - 407Y_{3946} \leq +0 \quad \text{(G3946)} \quad (7442)$$
$$X_{3947} - 407Y_{3947} \leq +0 \quad \text{(G3947)} \quad (7443)$$
$$X_{3948} - 338Y_{3948} \leq +0 \quad \text{(G3948)} \quad (7444)$$
$$X_{3949} - 407Y_{3949} \leq +0 \quad \text{(G3949)} \quad (7445)$$
$$X_{3950} - 11Y_{3950} \leq +0 \quad \text{(G3950)} \quad (7446)$$
$$X_{3951} - 231Y_{3951} \leq +0 \quad \text{(G3951)} \quad (7447)$$
$$X_{3952} - 6Y_{3952} \leq +0 \quad \text{(G3952)} \quad (7448)$$

$$X_{3953} - 255Y_{3953} \leq +0 \quad \text{(G3953)} \quad (7449)$$

$$X_{3954} - 407Y_{3954} \leq +0 \quad \text{(G3954)} \quad (7450)$$

$$X_{3955} - 407Y_{3955} \leq +0 \quad \text{(G3955)} \quad (7451)$$

$$X_{3956} - 407Y_{3956} \leq +0 \quad \text{(G3956)} \quad (7452)$$

$$X_{3957} - 407Y_{3957} \leq +0 \quad \text{(G3957)} \quad (7453)$$

$$X_{3958} - 79Y_{3958} \leq +0 \quad \text{(G3958)} \quad (7454)$$

$$X_{3959} - 2Y_{3959} \leq +0 \quad \text{(G3959)} \quad (7455)$$

$$X_{3960} - 11Y_{3960} \leq +0 \quad \text{(G3960)} \quad (7456)$$

$$X_{3961} - 407Y_{3961} \leq +0 \quad \text{(G3961)} \quad (7457)$$

$$X_{3962} - 28Y_{3962} \leq +0 \quad \text{(G3962)} \quad (7458)$$

$$X_{3963} - 407Y_{3963} \leq +0 \quad \text{(G3963)} \quad (7459)$$

$$X_{3964} - 407Y_{3964} \leq +0 \quad \text{(G3964)} \quad (7460)$$

$$X_{3965} - 407Y_{3965} \leq +0 \quad \text{(G3965)} \quad (7461)$$

$$X_{3966} - 9Y_{3966} \leq +0 \quad \text{(G3966)} \quad (7462)$$

$$X_{3967} - 192Y_{3967} \leq +0 \quad \text{(G3967)} \quad (7463)$$

$$X_{3968} - 295Y_{3968} \leq +0 \quad \text{(G3968)} \quad (7464)$$

$$X_{3969} - 8Y_{3969} \leq +0 \quad \text{(G3969)} \quad (7465)$$

$$X_{3970} - 407Y_{3970} \leq +0 \quad \text{(G3970)} \quad (7466)$$

$$X_{3971} - 407Y_{3971} \leq +0 \quad \text{(G3971)} \quad (7467)$$

$$X_{3972} - 407Y_{3972} \leq +0 \quad \text{(G3972)} \quad (7468)$$

$$X_{3973} - 407Y_{3973} \leq +0 \quad \text{(G3973)} \quad (7469)$$

$$X_{3974} - 70Y_{3974} \leq +0 \quad \text{(G3974)} \quad (7470)$$

$$X_{3975} - 264Y_{3975} \leq +0 \quad \text{(G3975)} \quad (7471)$$

$$X_{3976} - 407Y_{3976} \leq +0 \quad \text{(G3976)} \quad (7472)$$

$$X_{3977} - 407Y_{3977} \leq +0 \quad \text{(G3977)} \quad (7473)$$

$$X_{3978} - 3Y_{3978} \leq +0 \quad \text{(G3978)} \quad (7474)$$

$$X_{3979} - 407Y_{3979} \leq +0 \quad \text{(G3979)} \quad (7475)$$

$$X_{3980} - 3Y_{3980} \leq +0 \quad \text{(G3980)} \quad (7476)$$

$$X_{3981} - 407Y_{3981} \leq +0 \quad \text{(G3981)} \quad (7477)$$

$$X_{3982} - 339Y_{3982} \leq +0 \quad \text{(G3982)} \quad (7478)$$

$$X_{3983} - 407Y_{3983} \leq +0 \quad \text{(G3983)} \quad (7479)$$

$$X_{3984} - 48Y_{3984} \leq +0 \quad \text{(G3984)} \quad (7480)$$

$$X_{3985} - 14Y_{3985} \leq +0 \quad \text{(G3985)} \quad (7481)$$

$$X_{3986} - 5Y_{3986} \leq +0 \quad \text{(G3986)} \quad (7482)$$

$$X_{3987} - 407Y_{3987} \leq +0 \quad \text{(G3987)} \quad (7483)$$

$$X_{3988} - 245Y_{3988} \leq +0 \quad \text{(G3988)} \quad (7484)$$

$$X_{3989} - 407Y_{3989} \leq +0 \quad \text{(G3989)} \quad (7485)$$

$$X_{3990} - 12Y_{3990} \leq +0 \quad \text{(G3990)} \quad (7486)$$

$$X_{3991} - 312Y_{3991} \leq +0 \quad \text{(G3991)} \quad (7487)$$

$$X_{3992} - 8Y_{3992} \leq +0 \quad \text{(G3992)} \quad (7488)$$

$$X_{3993} - 407Y_{3993} \leq +0 \quad \text{(G3993)} \quad (7489)$$

$$X_{3994} - 15Y_{3994} \leq +0 \quad \text{(G3994)} \quad (7490)$$

$$X_{3995} - 407Y_{3995} \leq +0 \quad \text{(G3995)} \quad (7491)$$
$$X_{3996} - 407Y_{3996} \leq +0 \quad \text{(G3996)} \quad (7492)$$
$$X_{3997} - 407Y_{3997} \leq +0 \quad \text{(G3997)} \quad (7493)$$
$$X_{3998} - 407Y_{3998} \leq +0 \quad \text{(G3998)} \quad (7494)$$
$$X_{3999} - 407Y_{3999} \leq +0 \quad \text{(G3999)} \quad (7495)$$
$$X_{4000} - 217Y_{4000} \leq +0 \quad \text{(G4000)} \quad (7496)$$
$$X_{4001} - 217Y_{4001} \leq +0 \quad \text{(G4001)} \quad (7497)$$
$$X_{4002} - 11Y_{4002} \leq +0 \quad \text{(G4002)} \quad (7498)$$
$$X_{4003} - 217Y_{4003} \leq +0 \quad \text{(G4003)} \quad (7499)$$
$$X_{4004} - 182Y_{4004} \leq +0 \quad \text{(G4004)} \quad (7500)$$
$$X_{4005} - 217Y_{4005} \leq +0 \quad \text{(G4005)} \quad (7501)$$
$$X_{4006} - 136Y_{4006} \leq +0 \quad \text{(G4006)} \quad (7502)$$
$$X_{4007} - 217Y_{4007} \leq +0 \quad \text{(G4007)} \quad (7503)$$
$$X_{4008} - 217Y_{4008} \leq +0 \quad \text{(G4008)} \quad (7504)$$
$$X_{4009} - 8Y_{4009} \leq +0 \quad \text{(G4009)} \quad (7505)$$
$$X_{4010} - 217Y_{4010} \leq +0 \quad \text{(G4010)} \quad (7506)$$
$$X_{4011} - 112Y_{4011} \leq +0 \quad \text{(G4011)} \quad (7507)$$
$$X_{4012} - 64Y_{4012} \leq +0 \quad \text{(G4012)} \quad (7508)$$
$$X_{4013} - 217Y_{4013} \leq +0 \quad \text{(G4013)} \quad (7509)$$
$$X_{4014} - 19Y_{4014} \leq +0 \quad \text{(G4014)} \quad (7510)$$
$$X_{4015} - 217Y_{4015} \leq +0 \quad \text{(G4015)} \quad (7511)$$
$$X_{4016} - 74Y_{4016} \leq +0 \quad \text{(G4016)} \quad (7512)$$
$$X_{4017} - 9Y_{4017} \leq +0 \quad \text{(G4017)} \quad (7513)$$
$$X_{4018} - 2Y_{4018} \leq +0 \quad \text{(G4018)} \quad (7514)$$
$$X_{4019} - 114Y_{4019} \leq +0 \quad \text{(G4019)} \quad (7515)$$
$$X_{4020} - Y_{4020} \leq +0 \quad \text{(G4020)} \quad (7516)$$
$$X_{4021} - 217Y_{4021} \leq +0 \quad \text{(G4021)} \quad (7517)$$
$$X_{4022} - 217Y_{4022} \leq +0 \quad \text{(G4022)} \quad (7518)$$
$$X_{4023} - 217Y_{4023} \leq +0 \quad \text{(G4023)} \quad (7519)$$
$$X_{4024} - 217Y_{4024} \leq +0 \quad \text{(G4024)} \quad (7520)$$
$$X_{4025} - 6Y_{4025} \leq +0 \quad \text{(G4025)} \quad (7521)$$
$$X_{4026} - 2Y_{4026} \leq +0 \quad \text{(G4026)} \quad (7522)$$
$$X_{4027} - 217Y_{4027} \leq +0 \quad \text{(G4027)} \quad (7523)$$
$$X_{4028} - 217Y_{4028} \leq +0 \quad \text{(G4028)} \quad (7524)$$
$$X_{4029} - 217Y_{4029} \leq +0 \quad \text{(G4029)} \quad (7525)$$
$$X_{4030} - 217Y_{4030} \leq +0 \quad \text{(G4030)} \quad (7526)$$
$$X_{4031} - 12Y_{4031} \leq +0 \quad \text{(G4031)} \quad (7527)$$
$$X_{4032} - 217Y_{4032} \leq +0 \quad \text{(G4032)} \quad (7528)$$
$$X_{4033} - 217Y_{4033} \leq +0 \quad \text{(G4033)} \quad (7529)$$
$$X_{4034} - 17Y_{4034} \leq +0 \quad \text{(G4034)} \quad (7530)$$
$$X_{4035} - 217Y_{4035} \leq +0 \quad \text{(G4035)} \quad (7531)$$
$$X_{4036} - 5Y_{4036} \leq +0 \quad \text{(G4036)} \quad (7532)$$

$$X_{4037} - 217Y_{4037} \leq +0 \quad \text{(G4037)} \quad (7533)$$
$$X_{4038} - 3Y_{4038} \leq +0 \quad \text{(G4038)} \quad (7534)$$
$$X_{4039} - 2Y_{4039} \leq +0 \quad \text{(G4039)} \quad (7535)$$
$$X_{4040} - 217Y_{4040} \leq +0 \quad \text{(G4040)} \quad (7536)$$
$$X_{4041} - 217Y_{4041} \leq +0 \quad \text{(G4041)} \quad (7537)$$
$$X_{4042} - 217Y_{4042} \leq +0 \quad \text{(G4042)} \quad (7538)$$
$$X_{4043} - 38Y_{4043} \leq +0 \quad \text{(G4043)} \quad (7539)$$
$$X_{4044} - 217Y_{4044} \leq +0 \quad \text{(G4044)} \quad (7540)$$
$$X_{4045} - 217Y_{4045} \leq +0 \quad \text{(G4045)} \quad (7541)$$
$$X_{4046} - 217Y_{4046} \leq +0 \quad \text{(G4046)} \quad (7542)$$
$$X_{4047} - 217Y_{4047} \leq +0 \quad \text{(G4047)} \quad (7543)$$
$$X_{4048} - 217Y_{4048} \leq +0 \quad \text{(G4048)} \quad (7544)$$
$$X_{4049} - 217Y_{4049} \leq +0 \quad \text{(G4049)} \quad (7545)$$
$$X_{4050} - 11Y_{4050} \leq +0 \quad \text{(G4050)} \quad (7546)$$
$$X_{4051} - 217Y_{4051} \leq +0 \quad \text{(G4051)} \quad (7547)$$
$$X_{4052} - 6Y_{4052} \leq +0 \quad \text{(G4052)} \quad (7548)$$
$$X_{4053} - 217Y_{4053} \leq +0 \quad \text{(G4053)} \quad (7549)$$
$$X_{4054} - 217Y_{4054} \leq +0 \quad \text{(G4054)} \quad (7550)$$
$$X_{4055} - 217Y_{4055} \leq +0 \quad \text{(G4055)} \quad (7551)$$
$$X_{4056} - 217Y_{4056} \leq +0 \quad \text{(G4056)} \quad (7552)$$
$$X_{4057} - 217Y_{4057} \leq +0 \quad \text{(G4057)} \quad (7553)$$
$$X_{4058} - 79Y_{4058} \leq +0 \quad \text{(G4058)} \quad (7554)$$
$$X_{4059} - 2Y_{4059} \leq +0 \quad \text{(G4059)} \quad (7555)$$
$$X_{4060} - 11Y_{4060} \leq +0 \quad \text{(G4060)} \quad (7556)$$
$$X_{4061} - 217Y_{4061} \leq +0 \quad \text{(G4061)} \quad (7557)$$
$$X_{4062} - 28Y_{4062} \leq +0 \quad \text{(G4062)} \quad (7558)$$
$$X_{4063} - 217Y_{4063} \leq +0 \quad \text{(G4063)} \quad (7559)$$
$$X_{4064} - 217Y_{4064} \leq +0 \quad \text{(G4064)} \quad (7560)$$
$$X_{4065} - 217Y_{4065} \leq +0 \quad \text{(G4065)} \quad (7561)$$
$$X_{4066} - 9Y_{4066} \leq +0 \quad \text{(G4066)} \quad (7562)$$
$$X_{4067} - 192Y_{4067} \leq +0 \quad \text{(G4067)} \quad (7563)$$
$$X_{4068} - 217Y_{4068} \leq +0 \quad \text{(G4068)} \quad (7564)$$
$$X_{4069} - 8Y_{4069} \leq +0 \quad \text{(G4069)} \quad (7565)$$
$$X_{4070} - 217Y_{4070} \leq +0 \quad \text{(G4070)} \quad (7566)$$
$$X_{4071} - 217Y_{4071} \leq +0 \quad \text{(G4071)} \quad (7567)$$
$$X_{4072} - 217Y_{4072} \leq +0 \quad \text{(G4072)} \quad (7568)$$
$$X_{4073} - 217Y_{4073} \leq +0 \quad \text{(G4073)} \quad (7569)$$
$$X_{4074} - 70Y_{4074} \leq +0 \quad \text{(G4074)} \quad (7570)$$
$$X_{4075} - 217Y_{4075} \leq +0 \quad \text{(G4075)} \quad (7571)$$
$$X_{4076} - 217Y_{4076} \leq +0 \quad \text{(G4076)} \quad (7572)$$
$$X_{4077} - 217Y_{4077} \leq +0 \quad \text{(G4077)} \quad (7573)$$
$$X_{4078} - 3Y_{4078} \leq +0 \quad \text{(G4078)} \quad (7574)$$

$$X_{4079} - 217Y_{4079} \leq +0 \quad \text{(G4079)} \quad (7575)$$
$$X_{4080} - 3Y_{4080} \leq +0 \quad \text{(G4080)} \quad (7576)$$
$$X_{4081} - 217Y_{4081} \leq +0 \quad \text{(G4081)} \quad (7577)$$
$$X_{4082} - 217Y_{4082} \leq +0 \quad \text{(G4082)} \quad (7578)$$
$$X_{4083} - 217Y_{4083} \leq +0 \quad \text{(G4083)} \quad (7579)$$
$$X_{4084} - 48Y_{4084} \leq +0 \quad \text{(G4084)} \quad (7580)$$
$$X_{4085} - 14Y_{4085} \leq +0 \quad \text{(G4085)} \quad (7581)$$
$$X_{4086} - 5Y_{4086} \leq +0 \quad \text{(G4086)} \quad (7582)$$
$$X_{4087} - 217Y_{4087} \leq +0 \quad \text{(G4087)} \quad (7583)$$
$$X_{4088} - 217Y_{4088} \leq +0 \quad \text{(G4088)} \quad (7584)$$
$$X_{4089} - 217Y_{4089} \leq +0 \quad \text{(G4089)} \quad (7585)$$
$$X_{4090} - 12Y_{4090} \leq +0 \quad \text{(G4090)} \quad (7586)$$
$$X_{4091} - 217Y_{4091} \leq +0 \quad \text{(G4091)} \quad (7587)$$
$$X_{4092} - 8Y_{4092} \leq +0 \quad \text{(G4092)} \quad (7588)$$
$$X_{4093} - 217Y_{4093} \leq +0 \quad \text{(G4093)} \quad (7589)$$
$$X_{4094} - 15Y_{4094} \leq +0 \quad \text{(G4094)} \quad (7590)$$
$$X_{4095} - 217Y_{4095} \leq +0 \quad \text{(G4095)} \quad (7591)$$
$$X_{4096} - 217Y_{4096} \leq +0 \quad \text{(G4096)} \quad (7592)$$
$$X_{4097} - 217Y_{4097} \leq +0 \quad \text{(G4097)} \quad (7593)$$
$$X_{4098} - 217Y_{4098} \leq +0 \quad \text{(G4098)} \quad (7594)$$
$$X_{4099} - 217Y_{4099} \leq +0 \quad \text{(G4099)} \quad (7595)$$
$$X_{4100} - 663Y_{4100} \leq +0 \quad \text{(G4100)} \quad (7596)$$
$$X_{4101} - 394Y_{4101} \leq +0 \quad \text{(G4101)} \quad (7597)$$
$$X_{4102} - 11Y_{4102} \leq +0 \quad \text{(G4102)} \quad (7598)$$
$$X_{4103} - 535Y_{4103} \leq +0 \quad \text{(G4103)} \quad (7599)$$
$$X_{4104} - 182Y_{4104} \leq +0 \quad \text{(G4104)} \quad (7600)$$
$$X_{4105} - 573Y_{4105} \leq +0 \quad \text{(G4105)} \quad (7601)$$
$$X_{4106} - 136Y_{4106} \leq +0 \quad \text{(G4106)} \quad (7602)$$
$$X_{4107} - 589Y_{4107} \leq +0 \quad \text{(G4107)} \quad (7603)$$
$$X_{4108} - 571Y_{4108} \leq +0 \quad \text{(G4108)} \quad (7604)$$
$$X_{4109} - 8Y_{4109} \leq +0 \quad \text{(G4109)} \quad (7605)$$
$$X_{4110} - 663Y_{4110} \leq +0 \quad \text{(G4110)} \quad (7606)$$
$$X_{4111} - 112Y_{4111} \leq +0 \quad \text{(G4111)} \quad (7607)$$
$$X_{4112} - 64Y_{4112} \leq +0 \quad \text{(G4112)} \quad (7608)$$
$$X_{4113} - 528Y_{4113} \leq +0 \quad \text{(G4113)} \quad (7609)$$
$$X_{4114} - 19Y_{4114} \leq +0 \quad \text{(G4114)} \quad (7610)$$
$$X_{4115} - 663Y_{4115} \leq +0 \quad \text{(G4115)} \quad (7611)$$
$$X_{4116} - 74Y_{4116} \leq +0 \quad \text{(G4116)} \quad (7612)$$
$$X_{4117} - 9Y_{4117} \leq +0 \quad \text{(G4117)} \quad (7613)$$
$$X_{4118} - 2Y_{4118} \leq +0 \quad \text{(G4118)} \quad (7614)$$
$$X_{4119} - 114Y_{4119} \leq +0 \quad \text{(G4119)} \quad (7615)$$
$$X_{4120} - Y_{4120} \leq +0 \quad \text{(G4120)} \quad (7616)$$

$$X_{4121} - 338Y_{4121} \leq +0 \quad \text{(G4121)} \quad (7617)$$

$$X_{4122} - 661Y_{4122} \leq +0 \quad \text{(G4122)} \quad (7618)$$

$$X_{4123} - 603Y_{4123} \leq +0 \quad \text{(G4123)} \quad (7619)$$

$$X_{4124} - 663Y_{4124} \leq +0 \quad \text{(G4124)} \quad (7620)$$

$$X_{4125} - 6Y_{4125} \leq +0 \quad \text{(G4125)} \quad (7621)$$

$$X_{4126} - 2Y_{4126} \leq +0 \quad \text{(G4126)} \quad (7622)$$

$$X_{4127} - 544Y_{4127} \leq +0 \quad \text{(G4127)} \quad (7623)$$

$$X_{4128} - 663Y_{4128} \leq +0 \quad \text{(G4128)} \quad (7624)$$

$$X_{4129} - 406Y_{4129} \leq +0 \quad \text{(G4129)} \quad (7625)$$

$$X_{4130} - 663Y_{4130} \leq +0 \quad \text{(G4130)} \quad (7626)$$

$$X_{4131} - 12Y_{4131} \leq +0 \quad \text{(G4131)} \quad (7627)$$

$$X_{4132} - 242Y_{4132} \leq +0 \quad \text{(G4132)} \quad (7628)$$

$$X_{4133} - 246Y_{4133} \leq +0 \quad \text{(G4133)} \quad (7629)$$

$$X_{4134} - 17Y_{4134} \leq +0 \quad \text{(G4134)} \quad (7630)$$

$$X_{4135} - 663Y_{4135} \leq +0 \quad \text{(G4135)} \quad (7631)$$

$$X_{4136} - 5Y_{4136} \leq +0 \quad \text{(G4136)} \quad (7632)$$

$$X_{4137} - 663Y_{4137} \leq +0 \quad \text{(G4137)} \quad (7633)$$

$$X_{4138} - 3Y_{4138} \leq +0 \quad \text{(G4138)} \quad (7634)$$

$$X_{4139} - 2Y_{4139} \leq +0 \quad \text{(G4139)} \quad (7635)$$

$$X_{4140} - 663Y_{4140} \leq +0 \quad \text{(G4140)} \quad (7636)$$

$$X_{4141} - 663Y_{4141} \leq +0 \quad \text{(G4141)} \quad (7637)$$

$$X_{4142} - 618Y_{4142} \leq +0 \quad \text{(G4142)} \quad (7638)$$

$$X_{4143} - 38Y_{4143} \leq +0 \quad \text{(G4143)} \quad (7639)$$

$$X_{4144} - 663Y_{4144} \leq +0 \quad \text{(G4144)} \quad (7640)$$

$$X_{4145} - 663Y_{4145} \leq +0 \quad \text{(G4145)} \quad (7641)$$

$$X_{4146} - 663Y_{4146} \leq +0 \quad \text{(G4146)} \quad (7642)$$

$$X_{4147} - 663Y_{4147} \leq +0 \quad \text{(G4147)} \quad (7643)$$

$$X_{4148} - 338Y_{4148} \leq +0 \quad \text{(G4148)} \quad (7644)$$

$$X_{4149} - 488Y_{4149} \leq +0 \quad \text{(G4149)} \quad (7645)$$

$$X_{4150} - 11Y_{4150} \leq +0 \quad \text{(G4150)} \quad (7646)$$

$$X_{4151} - 231Y_{4151} \leq +0 \quad \text{(G4151)} \quad (7647)$$

$$X_{4152} - 6Y_{4152} \leq +0 \quad \text{(G4152)} \quad (7648)$$

$$X_{4153} - 255Y_{4153} \leq +0 \quad \text{(G4153)} \quad (7649)$$

$$X_{4154} - 663Y_{4154} \leq +0 \quad \text{(G4154)} \quad (7650)$$

$$X_{4155} - 663Y_{4155} \leq +0 \quad \text{(G4155)} \quad (7651)$$

$$X_{4156} - 663Y_{4156} \leq +0 \quad \text{(G4156)} \quad (7652)$$

$$X_{4157} - 572Y_{4157} \leq +0 \quad \text{(G4157)} \quad (7653)$$

$$X_{4158} - 79Y_{4158} \leq +0 \quad \text{(G4158)} \quad (7654)$$

$$X_{4159} - 2Y_{4159} \leq +0 \quad \text{(G4159)} \quad (7655)$$

$$X_{4160} - 11Y_{4160} \leq +0 \quad \text{(G4160)} \quad (7656)$$

$$X_{4161} - 416Y_{4161} \leq +0 \quad \text{(G4161)} \quad (7657)$$

$$X_{4162} - 28Y_{4162} \leq +0 \quad \text{(G4162)} \quad (7658)$$

$$X_{4163} - 567Y_{4163} \leq +0 \quad \text{(G4163)} \quad (7659)$$
$$X_{4164} - 468Y_{4164} \leq +0 \quad \text{(G4164)} \quad (7660)$$
$$X_{4165} - 663Y_{4165} \leq +0 \quad \text{(G4165)} \quad (7661)$$
$$X_{4166} - 9Y_{4166} \leq +0 \quad \text{(G4166)} \quad (7662)$$
$$X_{4167} - 192Y_{4167} \leq +0 \quad \text{(G4167)} \quad (7663)$$
$$X_{4168} - 295Y_{4168} \leq +0 \quad \text{(G4168)} \quad (7664)$$
$$X_{4169} - 8Y_{4169} \leq +0 \quad \text{(G4169)} \quad (7665)$$
$$X_{4170} - 663Y_{4170} \leq +0 \quad \text{(G4170)} \quad (7666)$$
$$X_{4171} - 663Y_{4171} \leq +0 \quad \text{(G4171)} \quad (7667)$$
$$X_{4172} - 546Y_{4172} \leq +0 \quad \text{(G4172)} \quad (7668)$$
$$X_{4173} - 663Y_{4173} \leq +0 \quad \text{(G4173)} \quad (7669)$$
$$X_{4174} - 70Y_{4174} \leq +0 \quad \text{(G4174)} \quad (7670)$$
$$X_{4175} - 264Y_{4175} \leq +0 \quad \text{(G4175)} \quad (7671)$$
$$X_{4176} - 663Y_{4176} \leq +0 \quad \text{(G4176)} \quad (7672)$$
$$X_{4177} - 663Y_{4177} \leq +0 \quad \text{(G4177)} \quad (7673)$$
$$X_{4178} - 3Y_{4178} \leq +0 \quad \text{(G4178)} \quad (7674)$$
$$X_{4179} - 515Y_{4179} \leq +0 \quad \text{(G4179)} \quad (7675)$$
$$X_{4180} - 3Y_{4180} \leq +0 \quad \text{(G4180)} \quad (7676)$$
$$X_{4181} - 509Y_{4181} \leq +0 \quad \text{(G4181)} \quad (7677)$$
$$X_{4182} - 339Y_{4182} \leq +0 \quad \text{(G4182)} \quad (7678)$$
$$X_{4183} - 441Y_{4183} \leq +0 \quad \text{(G4183)} \quad (7679)$$
$$X_{4184} - 48Y_{4184} \leq +0 \quad \text{(G4184)} \quad (7680)$$
$$X_{4185} - 14Y_{4185} \leq +0 \quad \text{(G4185)} \quad (7681)$$
$$X_{4186} - 5Y_{4186} \leq +0 \quad \text{(G4186)} \quad (7682)$$
$$X_{4187} - 421Y_{4187} \leq +0 \quad \text{(G4187)} \quad (7683)$$
$$X_{4188} - 245Y_{4188} \leq +0 \quad \text{(G4188)} \quad (7684)$$
$$X_{4189} - 506Y_{4189} \leq +0 \quad \text{(G4189)} \quad (7685)$$
$$X_{4190} - 12Y_{4190} \leq +0 \quad \text{(G4190)} \quad (7686)$$
$$X_{4191} - 312Y_{4191} \leq +0 \quad \text{(G4191)} \quad (7687)$$
$$X_{4192} - 8Y_{4192} \leq +0 \quad \text{(G4192)} \quad (7688)$$
$$X_{4193} - 663Y_{4193} \leq +0 \quad \text{(G4193)} \quad (7689)$$
$$X_{4194} - 15Y_{4194} \leq +0 \quad \text{(G4194)} \quad (7690)$$
$$X_{4195} - 427Y_{4195} \leq +0 \quad \text{(G4195)} \quad (7691)$$
$$X_{4196} - 547Y_{4196} \leq +0 \quad \text{(G4196)} \quad (7692)$$
$$X_{4197} - 663Y_{4197} \leq +0 \quad \text{(G4197)} \quad (7693)$$
$$X_{4198} - 663Y_{4198} \leq +0 \quad \text{(G4198)} \quad (7694)$$
$$X_{4199} - 589Y_{4199} \leq +0 \quad \text{(G4199)} \quad (7695)$$
$$X_{4200} - 877Y_{4200} \leq +0 \quad \text{(G4200)} \quad (7696)$$
$$X_{4201} - 394Y_{4201} \leq +0 \quad \text{(G4201)} \quad (7697)$$
$$X_{4202} - 11Y_{4202} \leq +0 \quad \text{(G4202)} \quad (7698)$$
$$X_{4203} - 535Y_{4203} \leq +0 \quad \text{(G4203)} \quad (7699)$$
$$X_{4204} - 182Y_{4204} \leq +0 \quad \text{(G4204)} \quad (7700)$$

$$X_{4205} - 573Y_{4205} \leq +0 \quad \text{(G4205)} \quad (7701)$$
$$X_{4206} - 136Y_{4206} \leq +0 \quad \text{(G4206)} \quad (7702)$$
$$X_{4207} - 589Y_{4207} \leq +0 \quad \text{(G4207)} \quad (7703)$$
$$X_{4208} - 571Y_{4208} \leq +0 \quad \text{(G4208)} \quad (7704)$$
$$X_{4209} - 8Y_{4209} \leq +0 \quad \text{(G4209)} \quad (7705)$$
$$X_{4210} - 918Y_{4210} \leq +0 \quad \text{(G4210)} \quad (7706)$$
$$X_{4211} - 112Y_{4211} \leq +0 \quad \text{(G4211)} \quad (7707)$$
$$X_{4212} - 64Y_{4212} \leq +0 \quad \text{(G4212)} \quad (7708)$$
$$X_{4213} - 528Y_{4213} \leq +0 \quad \text{(G4213)} \quad (7709)$$
$$X_{4214} - 19Y_{4214} \leq +0 \quad \text{(G4214)} \quad (7710)$$
$$X_{4215} - 918Y_{4215} \leq +0 \quad \text{(G4215)} \quad (7711)$$
$$X_{4216} - 74Y_{4216} \leq +0 \quad \text{(G4216)} \quad (7712)$$
$$X_{4217} - 9Y_{4217} \leq +0 \quad \text{(G4217)} \quad (7713)$$
$$X_{4218} - 2Y_{4218} \leq +0 \quad \text{(G4218)} \quad (7714)$$
$$X_{4219} - 114Y_{4219} \leq +0 \quad \text{(G4219)} \quad (7715)$$
$$X_{4220} - Y_{4220} \leq +0 \quad \text{(G4220)} \quad (7716)$$
$$X_{4221} - 338Y_{4221} \leq +0 \quad \text{(G4221)} \quad (7717)$$
$$X_{4222} - 661Y_{4222} \leq +0 \quad \text{(G4222)} \quad (7718)$$
$$X_{4223} - 603Y_{4223} \leq +0 \quad \text{(G4223)} \quad (7719)$$
$$X_{4224} - 918Y_{4224} \leq +0 \quad \text{(G4224)} \quad (7720)$$
$$X_{4225} - 6Y_{4225} \leq +0 \quad \text{(G4225)} \quad (7721)$$
$$X_{4226} - 2Y_{4226} \leq +0 \quad \text{(G4226)} \quad (7722)$$
$$X_{4227} - 544Y_{4227} \leq +0 \quad \text{(G4227)} \quad (7723)$$
$$X_{4228} - 918Y_{4228} \leq +0 \quad \text{(G4228)} \quad (7724)$$
$$X_{4229} - 406Y_{4229} \leq +0 \quad \text{(G4229)} \quad (7725)$$
$$X_{4230} - 911Y_{4230} \leq +0 \quad \text{(G4230)} \quad (7726)$$
$$X_{4231} - 12Y_{4231} \leq +0 \quad \text{(G4231)} \quad (7727)$$
$$X_{4232} - 242Y_{4232} \leq +0 \quad \text{(G4232)} \quad (7728)$$
$$X_{4233} - 246Y_{4233} \leq +0 \quad \text{(G4233)} \quad (7729)$$
$$X_{4234} - 17Y_{4234} \leq +0 \quad \text{(G4234)} \quad (7730)$$
$$X_{4235} - 673Y_{4235} \leq +0 \quad \text{(G4235)} \quad (7731)$$
$$X_{4236} - 5Y_{4236} \leq +0 \quad \text{(G4236)} \quad (7732)$$
$$X_{4237} - 918Y_{4237} \leq +0 \quad \text{(G4237)} \quad (7733)$$
$$X_{4238} - 3Y_{4238} \leq +0 \quad \text{(G4238)} \quad (7734)$$
$$X_{4239} - 2Y_{4239} \leq +0 \quad \text{(G4239)} \quad (7735)$$
$$X_{4240} - 708Y_{4240} \leq +0 \quad \text{(G4240)} \quad (7736)$$
$$X_{4241} - 918Y_{4241} \leq +0 \quad \text{(G4241)} \quad (7737)$$
$$X_{4242} - 618Y_{4242} \leq +0 \quad \text{(G4242)} \quad (7738)$$
$$X_{4243} - 38Y_{4243} \leq +0 \quad \text{(G4243)} \quad (7739)$$
$$X_{4244} - 703Y_{4244} \leq +0 \quad \text{(G4244)} \quad (7740)$$
$$X_{4245} - 918Y_{4245} \leq +0 \quad \text{(G4245)} \quad (7741)$$
$$X_{4246} - 918Y_{4246} \leq +0 \quad \text{(G4246)} \quad (7742)$$

$$X_{4247} - 796Y_{4247} \leq +0 \quad \text{(G4247)} \quad (7743)$$

$$X_{4248} - 338Y_{4248} \leq +0 \quad \text{(G4248)} \quad (7744)$$

$$X_{4249} - 488Y_{4249} \leq +0 \quad \text{(G4249)} \quad (7745)$$

$$X_{4250} - 11Y_{4250} \leq +0 \quad \text{(G4250)} \quad (7746)$$

$$X_{4251} - 231Y_{4251} \leq +0 \quad \text{(G4251)} \quad (7747)$$

$$X_{4252} - 6Y_{4252} \leq +0 \quad \text{(G4252)} \quad (7748)$$

$$X_{4253} - 255Y_{4253} \leq +0 \quad \text{(G4253)} \quad (7749)$$

$$X_{4254} - 918Y_{4254} \leq +0 \quad \text{(G4254)} \quad (7750)$$

$$X_{4255} - 918Y_{4255} \leq +0 \quad \text{(G4255)} \quad (7751)$$

$$X_{4256} - 731Y_{4256} \leq +0 \quad \text{(G4256)} \quad (7752)$$

$$X_{4257} - 572Y_{4257} \leq +0 \quad \text{(G4257)} \quad (7753)$$

$$X_{4258} - 79Y_{4258} \leq +0 \quad \text{(G4258)} \quad (7754)$$

$$X_{4259} - 2Y_{4259} \leq +0 \quad \text{(G4259)} \quad (7755)$$

$$X_{4260} - 11Y_{4260} \leq +0 \quad \text{(G4260)} \quad (7756)$$

$$X_{4261} - 416Y_{4261} \leq +0 \quad \text{(G4261)} \quad (7757)$$

$$X_{4262} - 28Y_{4262} \leq +0 \quad \text{(G4262)} \quad (7758)$$

$$X_{4263} - 567Y_{4263} \leq +0 \quad \text{(G4263)} \quad (7759)$$

$$X_{4264} - 468Y_{4264} \leq +0 \quad \text{(G4264)} \quad (7760)$$

$$X_{4265} - 918Y_{4265} \leq +0 \quad \text{(G4265)} \quad (7761)$$

$$X_{4266} - 9Y_{4266} \leq +0 \quad \text{(G4266)} \quad (7762)$$

$$X_{4267} - 192Y_{4267} \leq +0 \quad \text{(G4267)} \quad (7763)$$

$$X_{4268} - 295Y_{4268} \leq +0 \quad \text{(G4268)} \quad (7764)$$

$$X_{4269} - 8Y_{4269} \leq +0 \quad \text{(G4269)} \quad (7765)$$

$$X_{4270} - 918Y_{4270} \leq +0 \quad \text{(G4270)} \quad (7766)$$

$$X_{4271} - 918Y_{4271} \leq +0 \quad \text{(G4271)} \quad (7767)$$

$$X_{4272} - 546Y_{4272} \leq +0 \quad \text{(G4272)} \quad (7768)$$

$$X_{4273} - 918Y_{4273} \leq +0 \quad \text{(G4273)} \quad (7769)$$

$$X_{4274} - 70Y_{4274} \leq +0 \quad \text{(G4274)} \quad (7770)$$

$$X_{4275} - 264Y_{4275} \leq +0 \quad \text{(G4275)} \quad (7771)$$

$$X_{4276} - 782Y_{4276} \leq +0 \quad \text{(G4276)} \quad (7772)$$

$$X_{4277} - 918Y_{4277} \leq +0 \quad \text{(G4277)} \quad (7773)$$

$$X_{4278} - 3Y_{4278} \leq +0 \quad \text{(G4278)} \quad (7774)$$

$$X_{4279} - 515Y_{4279} \leq +0 \quad \text{(G4279)} \quad (7775)$$

$$X_{4280} - 3Y_{4280} \leq +0 \quad \text{(G4280)} \quad (7776)$$

$$X_{4281} - 509Y_{4281} \leq +0 \quad \text{(G4281)} \quad (7777)$$

$$X_{4282} - 339Y_{4282} \leq +0 \quad \text{(G4282)} \quad (7778)$$

$$X_{4283} - 441Y_{4283} \leq +0 \quad \text{(G4283)} \quad (7779)$$

$$X_{4284} - 48Y_{4284} \leq +0 \quad \text{(G4284)} \quad (7780)$$

$$X_{4285} - 14Y_{4285} \leq +0 \quad \text{(G4285)} \quad (7781)$$

$$X_{4286} - 5Y_{4286} \leq +0 \quad \text{(G4286)} \quad (7782)$$

$$X_{4287} - 421Y_{4287} \leq +0 \quad \text{(G4287)} \quad (7783)$$

$$X_{4288} - 245Y_{4288} \leq +0 \quad \text{(G4288)} \quad (7784)$$

$$X_{4289} - 506Y_{4289} \leq +0 \quad \text{(G4289)} \quad (7785)$$
$$X_{4290} - 12Y_{4290} \leq +0 \quad \text{(G4290)} \quad (7786)$$
$$X_{4291} - 312Y_{4291} \leq +0 \quad \text{(G4291)} \quad (7787)$$
$$X_{4292} - 8Y_{4292} \leq +0 \quad \text{(G4292)} \quad (7788)$$
$$X_{4293} - 691Y_{4293} \leq +0 \quad \text{(G4293)} \quad (7789)$$
$$X_{4294} - 15Y_{4294} \leq +0 \quad \text{(G4294)} \quad (7790)$$
$$X_{4295} - 427Y_{4295} \leq +0 \quad \text{(G4295)} \quad (7791)$$
$$X_{4296} - 547Y_{4296} \leq +0 \quad \text{(G4296)} \quad (7792)$$
$$X_{4297} - 918Y_{4297} \leq +0 \quad \text{(G4297)} \quad (7793)$$
$$X_{4298} - 817Y_{4298} \leq +0 \quad \text{(G4298)} \quad (7794)$$
$$X_{4299} - 589Y_{4299} \leq +0 \quad \text{(G4299)} \quad (7795)$$
$$X_{4300} - 290Y_{4300} \leq +0 \quad \text{(G4300)} \quad (7796)$$
$$X_{4301} - 290Y_{4301} \leq +0 \quad \text{(G4301)} \quad (7797)$$
$$X_{4302} - 11Y_{4302} \leq +0 \quad \text{(G4302)} \quad (7798)$$
$$X_{4303} - 290Y_{4303} \leq +0 \quad \text{(G4303)} \quad (7799)$$
$$X_{4304} - 182Y_{4304} \leq +0 \quad \text{(G4304)} \quad (7800)$$
$$X_{4305} - 290Y_{4305} \leq +0 \quad \text{(G4305)} \quad (7801)$$
$$X_{4306} - 136Y_{4306} \leq +0 \quad \text{(G4306)} \quad (7802)$$
$$X_{4307} - 290Y_{4307} \leq +0 \quad \text{(G4307)} \quad (7803)$$
$$X_{4308} - 290Y_{4308} \leq +0 \quad \text{(G4308)} \quad (7804)$$
$$X_{4309} - 8Y_{4309} \leq +0 \quad \text{(G4309)} \quad (7805)$$
$$X_{4310} - 290Y_{4310} \leq +0 \quad \text{(G4310)} \quad (7806)$$
$$X_{4311} - 112Y_{4311} \leq +0 \quad \text{(G4311)} \quad (7807)$$
$$X_{4312} - 64Y_{4312} \leq +0 \quad \text{(G4312)} \quad (7808)$$
$$X_{4313} - 290Y_{4313} \leq +0 \quad \text{(G4313)} \quad (7809)$$
$$X_{4314} - 19Y_{4314} \leq +0 \quad \text{(G4314)} \quad (7810)$$
$$X_{4315} - 290Y_{4315} \leq +0 \quad \text{(G4315)} \quad (7811)$$
$$X_{4316} - 74Y_{4316} \leq +0 \quad \text{(G4316)} \quad (7812)$$
$$X_{4317} - 9Y_{4317} \leq +0 \quad \text{(G4317)} \quad (7813)$$
$$X_{4318} - 2Y_{4318} \leq +0 \quad \text{(G4318)} \quad (7814)$$
$$X_{4319} - 114Y_{4319} \leq +0 \quad \text{(G4319)} \quad (7815)$$
$$X_{4320} - Y_{4320} \leq +0 \quad \text{(G4320)} \quad (7816)$$
$$X_{4321} - 290Y_{4321} \leq +0 \quad \text{(G4321)} \quad (7817)$$
$$X_{4322} - 290Y_{4322} \leq +0 \quad \text{(G4322)} \quad (7818)$$
$$X_{4323} - 290Y_{4323} \leq +0 \quad \text{(G4323)} \quad (7819)$$
$$X_{4324} - 290Y_{4324} \leq +0 \quad \text{(G4324)} \quad (7820)$$
$$X_{4325} - 6Y_{4325} \leq +0 \quad \text{(G4325)} \quad (7821)$$
$$X_{4326} - 2Y_{4326} \leq +0 \quad \text{(G4326)} \quad (7822)$$
$$X_{4327} - 290Y_{4327} \leq +0 \quad \text{(G4327)} \quad (7823)$$
$$X_{4328} - 290Y_{4328} \leq +0 \quad \text{(G4328)} \quad (7824)$$
$$X_{4329} - 290Y_{4329} \leq +0 \quad \text{(G4329)} \quad (7825)$$
$$X_{4330} - 290Y_{4330} \leq +0 \quad \text{(G4330)} \quad (7826)$$

$$X_{4331} - 12Y_{4331} \leq +0 \quad \text{(G4331)} \quad (7827)$$
$$X_{4332} - 242Y_{4332} \leq +0 \quad \text{(G4332)} \quad (7828)$$
$$X_{4333} - 246Y_{4333} \leq +0 \quad \text{(G4333)} \quad (7829)$$
$$X_{4334} - 17Y_{4334} \leq +0 \quad \text{(G4334)} \quad (7830)$$
$$X_{4335} - 290Y_{4335} \leq +0 \quad \text{(G4335)} \quad (7831)$$
$$X_{4336} - 5Y_{4336} \leq +0 \quad \text{(G4336)} \quad (7832)$$
$$X_{4337} - 290Y_{4337} \leq +0 \quad \text{(G4337)} \quad (7833)$$
$$X_{4338} - 3Y_{4338} \leq +0 \quad \text{(G4338)} \quad (7834)$$
$$X_{4339} - 2Y_{4339} \leq +0 \quad \text{(G4339)} \quad (7835)$$
$$X_{4340} - 290Y_{4340} \leq +0 \quad \text{(G4340)} \quad (7836)$$
$$X_{4341} - 290Y_{4341} \leq +0 \quad \text{(G4341)} \quad (7837)$$
$$X_{4342} - 290Y_{4342} \leq +0 \quad \text{(G4342)} \quad (7838)$$
$$X_{4343} - 38Y_{4343} \leq +0 \quad \text{(G4343)} \quad (7839)$$
$$X_{4344} - 290Y_{4344} \leq +0 \quad \text{(G4344)} \quad (7840)$$
$$X_{4345} - 290Y_{4345} \leq +0 \quad \text{(G4345)} \quad (7841)$$
$$X_{4346} - 290Y_{4346} \leq +0 \quad \text{(G4346)} \quad (7842)$$
$$X_{4347} - 290Y_{4347} \leq +0 \quad \text{(G4347)} \quad (7843)$$
$$X_{4348} - 290Y_{4348} \leq +0 \quad \text{(G4348)} \quad (7844)$$
$$X_{4349} - 290Y_{4349} \leq +0 \quad \text{(G4349)} \quad (7845)$$
$$X_{4350} - 11Y_{4350} \leq +0 \quad \text{(G4350)} \quad (7846)$$
$$X_{4351} - 231Y_{4351} \leq +0 \quad \text{(G4351)} \quad (7847)$$
$$X_{4352} - 6Y_{4352} \leq +0 \quad \text{(G4352)} \quad (7848)$$
$$X_{4353} - 255Y_{4353} \leq +0 \quad \text{(G4353)} \quad (7849)$$
$$X_{4354} - 290Y_{4354} \leq +0 \quad \text{(G4354)} \quad (7850)$$
$$X_{4355} - 290Y_{4355} \leq +0 \quad \text{(G4355)} \quad (7851)$$
$$X_{4356} - 290Y_{4356} \leq +0 \quad \text{(G4356)} \quad (7852)$$
$$X_{4357} - 290Y_{4357} \leq +0 \quad \text{(G4357)} \quad (7853)$$
$$X_{4358} - 79Y_{4358} \leq +0 \quad \text{(G4358)} \quad (7854)$$
$$X_{4359} - 2Y_{4359} \leq +0 \quad \text{(G4359)} \quad (7855)$$
$$X_{4360} - 11Y_{4360} \leq +0 \quad \text{(G4360)} \quad (7856)$$
$$X_{4361} - 290Y_{4361} \leq +0 \quad \text{(G4361)} \quad (7857)$$
$$X_{4362} - 28Y_{4362} \leq +0 \quad \text{(G4362)} \quad (7858)$$
$$X_{4363} - 290Y_{4363} \leq +0 \quad \text{(G4363)} \quad (7859)$$
$$X_{4364} - 290Y_{4364} \leq +0 \quad \text{(G4364)} \quad (7860)$$
$$X_{4365} - 290Y_{4365} \leq +0 \quad \text{(G4365)} \quad (7861)$$
$$X_{4366} - 9Y_{4366} \leq +0 \quad \text{(G4366)} \quad (7862)$$
$$X_{4367} - 192Y_{4367} \leq +0 \quad \text{(G4367)} \quad (7863)$$
$$X_{4368} - 290Y_{4368} \leq +0 \quad \text{(G4368)} \quad (7864)$$
$$X_{4369} - 8Y_{4369} \leq +0 \quad \text{(G4369)} \quad (7865)$$
$$X_{4370} - 290Y_{4370} \leq +0 \quad \text{(G4370)} \quad (7866)$$
$$X_{4371} - 290Y_{4371} \leq +0 \quad \text{(G4371)} \quad (7867)$$
$$X_{4372} - 290Y_{4372} \leq +0 \quad \text{(G4372)} \quad (7868)$$

$$X_{4373} - 290Y_{4373} \leq +0 \quad \text{(G4373)} \quad (7869)$$
$$X_{4374} - 70Y_{4374} \leq +0 \quad \text{(G4374)} \quad (7870)$$
$$X_{4375} - 264Y_{4375} \leq +0 \quad \text{(G4375)} \quad (7871)$$
$$X_{4376} - 290Y_{4376} \leq +0 \quad \text{(G4376)} \quad (7872)$$
$$X_{4377} - 290Y_{4377} \leq +0 \quad \text{(G4377)} \quad (7873)$$
$$X_{4378} - 3Y_{4378} \leq +0 \quad \text{(G4378)} \quad (7874)$$
$$X_{4379} - 290Y_{4379} \leq +0 \quad \text{(G4379)} \quad (7875)$$
$$X_{4380} - 3Y_{4380} \leq +0 \quad \text{(G4380)} \quad (7876)$$
$$X_{4381} - 290Y_{4381} \leq +0 \quad \text{(G4381)} \quad (7877)$$
$$X_{4382} - 290Y_{4382} \leq +0 \quad \text{(G4382)} \quad (7878)$$
$$X_{4383} - 290Y_{4383} \leq +0 \quad \text{(G4383)} \quad (7879)$$
$$X_{4384} - 48Y_{4384} \leq +0 \quad \text{(G4384)} \quad (7880)$$
$$X_{4385} - 14Y_{4385} \leq +0 \quad \text{(G4385)} \quad (7881)$$
$$X_{4386} - 5Y_{4386} \leq +0 \quad \text{(G4386)} \quad (7882)$$
$$X_{4387} - 290Y_{4387} \leq +0 \quad \text{(G4387)} \quad (7883)$$
$$X_{4388} - 245Y_{4388} \leq +0 \quad \text{(G4388)} \quad (7884)$$
$$X_{4389} - 290Y_{4389} \leq +0 \quad \text{(G4389)} \quad (7885)$$
$$X_{4390} - 12Y_{4390} \leq +0 \quad \text{(G4390)} \quad (7886)$$
$$X_{4391} - 290Y_{4391} \leq +0 \quad \text{(G4391)} \quad (7887)$$
$$X_{4392} - 8Y_{4392} \leq +0 \quad \text{(G4392)} \quad (7888)$$
$$X_{4393} - 290Y_{4393} \leq +0 \quad \text{(G4393)} \quad (7889)$$
$$X_{4394} - 15Y_{4394} \leq +0 \quad \text{(G4394)} \quad (7890)$$
$$X_{4395} - 290Y_{4395} \leq +0 \quad \text{(G4395)} \quad (7891)$$
$$X_{4396} - 290Y_{4396} \leq +0 \quad \text{(G4396)} \quad (7892)$$
$$X_{4397} - 290Y_{4397} \leq +0 \quad \text{(G4397)} \quad (7893)$$
$$X_{4398} - 290Y_{4398} \leq +0 \quad \text{(G4398)} \quad (7894)$$
$$X_{4399} - 290Y_{4399} \leq +0 \quad \text{(G4399)} \quad (7895)$$
$$X_{4400} - 877Y_{4400} \leq +0 \quad \text{(G4400)} \quad (7896)$$
$$X_{4401} - 394Y_{4401} \leq +0 \quad \text{(G4401)} \quad (7897)$$
$$X_{4402} - 11Y_{4402} \leq +0 \quad \text{(G4402)} \quad (7898)$$
$$X_{4403} - 535Y_{4403} \leq +0 \quad \text{(G4403)} \quad (7899)$$
$$X_{4404} - 182Y_{4404} \leq +0 \quad \text{(G4404)} \quad (7900)$$
$$X_{4405} - 573Y_{4405} \leq +0 \quad \text{(G4405)} \quad (7901)$$
$$X_{4406} - 136Y_{4406} \leq +0 \quad \text{(G4406)} \quad (7902)$$
$$X_{4407} - 589Y_{4407} \leq +0 \quad \text{(G4407)} \quad (7903)$$
$$X_{4408} - 571Y_{4408} \leq +0 \quad \text{(G4408)} \quad (7904)$$
$$X_{4409} - 8Y_{4409} \leq +0 \quad \text{(G4409)} \quad (7905)$$
$$X_{4410} - 1289Y_{4410} \leq +0 \quad \text{(G4410)} \quad (7906)$$
$$X_{4411} - 112Y_{4411} \leq +0 \quad \text{(G4411)} \quad (7907)$$
$$X_{4412} - 64Y_{4412} \leq +0 \quad \text{(G4412)} \quad (7908)$$
$$X_{4413} - 528Y_{4413} \leq +0 \quad \text{(G4413)} \quad (7909)$$
$$X_{4414} - 19Y_{4414} \leq +0 \quad \text{(G4414)} \quad (7910)$$

$$X_{4415} - 1289Y_{4415} \leq +0 \quad \text{(G4415)} \quad (7911)$$
$$X_{4416} - 74Y_{4416} \leq +0 \quad \text{(G4416)} \quad (7912)$$
$$X_{4417} - 9Y_{4417} \leq +0 \quad \text{(G4417)} \quad (7913)$$
$$X_{4418} - 2Y_{4418} \leq +0 \quad \text{(G4418)} \quad (7914)$$
$$X_{4419} - 114Y_{4419} \leq +0 \quad \text{(G4419)} \quad (7915)$$
$$X_{4420} - Y_{4420} \leq +0 \quad \text{(G4420)} \quad (7916)$$
$$X_{4421} - 338Y_{4421} \leq +0 \quad \text{(G4421)} \quad (7917)$$
$$X_{4422} - 661Y_{4422} \leq +0 \quad \text{(G4422)} \quad (7918)$$
$$X_{4423} - 603Y_{4423} \leq +0 \quad \text{(G4423)} \quad (7919)$$
$$X_{4424} - 1274Y_{4424} \leq +0 \quad \text{(G4424)} \quad (7920)$$
$$X_{4425} - 6Y_{4425} \leq +0 \quad \text{(G4425)} \quad (7921)$$
$$X_{4426} - 2Y_{4426} \leq +0 \quad \text{(G4426)} \quad (7922)$$
$$X_{4427} - 544Y_{4427} \leq +0 \quad \text{(G4427)} \quad (7923)$$
$$X_{4428} - 1289Y_{4428} \leq +0 \quad \text{(G4428)} \quad (7924)$$
$$X_{4429} - 406Y_{4429} \leq +0 \quad \text{(G4429)} \quad (7925)$$
$$X_{4430} - 911Y_{4430} \leq +0 \quad \text{(G4430)} \quad (7926)$$
$$X_{4431} - 12Y_{4431} \leq +0 \quad \text{(G4431)} \quad (7927)$$
$$X_{4432} - 242Y_{4432} \leq +0 \quad \text{(G4432)} \quad (7928)$$
$$X_{4433} - 246Y_{4433} \leq +0 \quad \text{(G4433)} \quad (7929)$$
$$X_{4434} - 17Y_{4434} \leq +0 \quad \text{(G4434)} \quad (7930)$$
$$X_{4435} - 673Y_{4435} \leq +0 \quad \text{(G4435)} \quad (7931)$$
$$X_{4436} - 5Y_{4436} \leq +0 \quad \text{(G4436)} \quad (7932)$$
$$X_{4437} - 1097Y_{4437} \leq +0 \quad \text{(G4437)} \quad (7933)$$
$$X_{4438} - 3Y_{4438} \leq +0 \quad \text{(G4438)} \quad (7934)$$
$$X_{4439} - 2Y_{4439} \leq +0 \quad \text{(G4439)} \quad (7935)$$
$$X_{4440} - 708Y_{4440} \leq +0 \quad \text{(G4440)} \quad (7936)$$
$$X_{4441} - 1289Y_{4441} \leq +0 \quad \text{(G4441)} \quad (7937)$$
$$X_{4442} - 618Y_{4442} \leq +0 \quad \text{(G4442)} \quad (7938)$$
$$X_{4443} - 38Y_{4443} \leq +0 \quad \text{(G4443)} \quad (7939)$$
$$X_{4444} - 703Y_{4444} \leq +0 \quad \text{(G4444)} \quad (7940)$$
$$X_{4445} - 1289Y_{4445} \leq +0 \quad \text{(G4445)} \quad (7941)$$
$$X_{4446} - 1070Y_{4446} \leq +0 \quad \text{(G4446)} \quad (7942)$$
$$X_{4447} - 796Y_{4447} \leq +0 \quad \text{(G4447)} \quad (7943)$$
$$X_{4448} - 338Y_{4448} \leq +0 \quad \text{(G4448)} \quad (7944)$$
$$X_{4449} - 488Y_{4449} \leq +0 \quad \text{(G4449)} \quad (7945)$$
$$X_{4450} - 11Y_{4450} \leq +0 \quad \text{(G4450)} \quad (7946)$$
$$X_{4451} - 231Y_{4451} \leq +0 \quad \text{(G4451)} \quad (7947)$$
$$X_{4452} - 6Y_{4452} \leq +0 \quad \text{(G4452)} \quad (7948)$$
$$X_{4453} - 255Y_{4453} \leq +0 \quad \text{(G4453)} \quad (7949)$$
$$X_{4454} - 1289Y_{4454} \leq +0 \quad \text{(G4454)} \quad (7950)$$
$$X_{4455} - 1017Y_{4455} \leq +0 \quad \text{(G4455)} \quad (7951)$$
$$X_{4456} - 731Y_{4456} \leq +0 \quad \text{(G4456)} \quad (7952)$$

$$X_{4457} - 572Y_{4457} \leq +0 \quad \text{(G4457)} \quad (7953)$$
$$X_{4458} - 79Y_{4458} \leq +0 \quad \text{(G4458)} \quad (7954)$$
$$X_{4459} - 2Y_{4459} \leq +0 \quad \text{(G4459)} \quad (7955)$$
$$X_{4460} - 11Y_{4460} \leq +0 \quad \text{(G4460)} \quad (7956)$$
$$X_{4461} - 416Y_{4461} \leq +0 \quad \text{(G4461)} \quad (7957)$$
$$X_{4462} - 28Y_{4462} \leq +0 \quad \text{(G4462)} \quad (7958)$$
$$X_{4463} - 567Y_{4463} \leq +0 \quad \text{(G4463)} \quad (7959)$$
$$X_{4464} - 468Y_{4464} \leq +0 \quad \text{(G4464)} \quad (7960)$$
$$X_{4465} - 1289Y_{4465} \leq +0 \quad \text{(G4465)} \quad (7961)$$
$$X_{4466} - 9Y_{4466} \leq +0 \quad \text{(G4466)} \quad (7962)$$
$$X_{4467} - 192Y_{4467} \leq +0 \quad \text{(G4467)} \quad (7963)$$
$$X_{4468} - 295Y_{4468} \leq +0 \quad \text{(G4468)} \quad (7964)$$
$$X_{4469} - 8Y_{4469} \leq +0 \quad \text{(G4469)} \quad (7965)$$
$$X_{4470} - 1139Y_{4470} \leq +0 \quad \text{(G4470)} \quad (7966)$$
$$X_{4471} - 1289Y_{4471} \leq +0 \quad \text{(G4471)} \quad (7967)$$
$$X_{4472} - 546Y_{4472} \leq +0 \quad \text{(G4472)} \quad (7968)$$
$$X_{4473} - 1289Y_{4473} \leq +0 \quad \text{(G4473)} \quad (7969)$$
$$X_{4474} - 70Y_{4474} \leq +0 \quad \text{(G4474)} \quad (7970)$$
$$X_{4475} - 264Y_{4475} \leq +0 \quad \text{(G4475)} \quad (7971)$$
$$X_{4476} - 782Y_{4476} \leq +0 \quad \text{(G4476)} \quad (7972)$$
$$X_{4477} - 1289Y_{4477} \leq +0 \quad \text{(G4477)} \quad (7973)$$
$$X_{4478} - 3Y_{4478} \leq +0 \quad \text{(G4478)} \quad (7974)$$
$$X_{4479} - 515Y_{4479} \leq +0 \quad \text{(G4479)} \quad (7975)$$
$$X_{4480} - 3Y_{4480} \leq +0 \quad \text{(G4480)} \quad (7976)$$
$$X_{4481} - 509Y_{4481} \leq +0 \quad \text{(G4481)} \quad (7977)$$
$$X_{4482} - 339Y_{4482} \leq +0 \quad \text{(G4482)} \quad (7978)$$
$$X_{4483} - 441Y_{4483} \leq +0 \quad \text{(G4483)} \quad (7979)$$
$$X_{4484} - 48Y_{4484} \leq +0 \quad \text{(G4484)} \quad (7980)$$
$$X_{4485} - 14Y_{4485} \leq +0 \quad \text{(G4485)} \quad (7981)$$
$$X_{4486} - 5Y_{4486} \leq +0 \quad \text{(G4486)} \quad (7982)$$
$$X_{4487} - 421Y_{4487} \leq +0 \quad \text{(G4487)} \quad (7983)$$
$$X_{4488} - 245Y_{4488} \leq +0 \quad \text{(G4488)} \quad (7984)$$
$$X_{4489} - 506Y_{4489} \leq +0 \quad \text{(G4489)} \quad (7985)$$
$$X_{4490} - 12Y_{4490} \leq +0 \quad \text{(G4490)} \quad (7986)$$
$$X_{4491} - 312Y_{4491} \leq +0 \quad \text{(G4491)} \quad (7987)$$
$$X_{4492} - 8Y_{4492} \leq +0 \quad \text{(G4492)} \quad (7988)$$
$$X_{4493} - 691Y_{4493} \leq +0 \quad \text{(G4493)} \quad (7989)$$
$$X_{4494} - 15Y_{4494} \leq +0 \quad \text{(G4494)} \quad (7990)$$
$$X_{4495} - 427Y_{4495} \leq +0 \quad \text{(G4495)} \quad (7991)$$
$$X_{4496} - 547Y_{4496} \leq +0 \quad \text{(G4496)} \quad (7992)$$
$$X_{4497} - 1289Y_{4497} \leq +0 \quad \text{(G4497)} \quad (7993)$$
$$X_{4498} - 817Y_{4498} \leq +0 \quad \text{(G4498)} \quad (7994)$$

$$X_{4499} - 589Y_{4499} \leq +0 \quad \text{(G4499)} \quad (7995)$$
$$X_{4500} - 877Y_{4500} \leq +0 \quad \text{(G4500)} \quad (7996)$$
$$X_{4501} - 394Y_{4501} \leq +0 \quad \text{(G4501)} \quad (7997)$$
$$X_{4502} - 11Y_{4502} \leq +0 \quad \text{(G4502)} \quad (7998)$$
$$X_{4503} - 535Y_{4503} \leq +0 \quad \text{(G4503)} \quad (7999)$$
$$X_{4504} - 182Y_{4504} \leq +0 \quad \text{(G4504)} \quad (8000)$$
$$X_{4505} - 573Y_{4505} \leq +0 \quad \text{(G4505)} \quad (8001)$$
$$X_{4506} - 136Y_{4506} \leq +0 \quad \text{(G4506)} \quad (8002)$$
$$X_{4507} - 589Y_{4507} \leq +0 \quad \text{(G4507)} \quad (8003)$$
$$X_{4508} - 571Y_{4508} \leq +0 \quad \text{(G4508)} \quad (8004)$$
$$X_{4509} - 8Y_{4509} \leq +0 \quad \text{(G4509)} \quad (8005)$$
$$X_{4510} - 1480Y_{4510} \leq +0 \quad \text{(G4510)} \quad (8006)$$
$$X_{4511} - 112Y_{4511} \leq +0 \quad \text{(G4511)} \quad (8007)$$
$$X_{4512} - 64Y_{4512} \leq +0 \quad \text{(G4512)} \quad (8008)$$
$$X_{4513} - 528Y_{4513} \leq +0 \quad \text{(G4513)} \quad (8009)$$
$$X_{4514} - 19Y_{4514} \leq +0 \quad \text{(G4514)} \quad (8010)$$
$$X_{4515} - 1480Y_{4515} \leq +0 \quad \text{(G4515)} \quad (8011)$$
$$X_{4516} - 74Y_{4516} \leq +0 \quad \text{(G4516)} \quad (8012)$$
$$X_{4517} - 9Y_{4517} \leq +0 \quad \text{(G4517)} \quad (8013)$$
$$X_{4518} - 2Y_{4518} \leq +0 \quad \text{(G4518)} \quad (8014)$$
$$X_{4519} - 114Y_{4519} \leq +0 \quad \text{(G4519)} \quad (8015)$$
$$X_{4520} - Y_{4520} \leq +0 \quad \text{(G4520)} \quad (8016)$$
$$X_{4521} - 338Y_{4521} \leq +0 \quad \text{(G4521)} \quad (8017)$$
$$X_{4522} - 661Y_{4522} \leq +0 \quad \text{(G4522)} \quad (8018)$$
$$X_{4523} - 603Y_{4523} \leq +0 \quad \text{(G4523)} \quad (8019)$$
$$X_{4524} - 1274Y_{4524} \leq +0 \quad \text{(G4524)} \quad (8020)$$
$$X_{4525} - 6Y_{4525} \leq +0 \quad \text{(G4525)} \quad (8021)$$
$$X_{4526} - 2Y_{4526} \leq +0 \quad \text{(G4526)} \quad (8022)$$
$$X_{4527} - 544Y_{4527} \leq +0 \quad \text{(G4527)} \quad (8023)$$
$$X_{4528} - 1480Y_{4528} \leq +0 \quad \text{(G4528)} \quad (8024)$$
$$X_{4529} - 406Y_{4529} \leq +0 \quad \text{(G4529)} \quad (8025)$$
$$X_{4530} - 911Y_{4530} \leq +0 \quad \text{(G4530)} \quad (8026)$$
$$X_{4531} - 12Y_{4531} \leq +0 \quad \text{(G4531)} \quad (8027)$$
$$X_{4532} - 242Y_{4532} \leq +0 \quad \text{(G4532)} \quad (8028)$$
$$X_{4533} - 246Y_{4533} \leq +0 \quad \text{(G4533)} \quad (8029)$$
$$X_{4534} - 17Y_{4534} \leq +0 \quad \text{(G4534)} \quad (8030)$$
$$X_{4535} - 673Y_{4535} \leq +0 \quad \text{(G4535)} \quad (8031)$$
$$X_{4536} - 5Y_{4536} \leq +0 \quad \text{(G4536)} \quad (8032)$$
$$X_{4537} - 1097Y_{4537} \leq +0 \quad \text{(G4537)} \quad (8033)$$
$$X_{4538} - 3Y_{4538} \leq +0 \quad \text{(G4538)} \quad (8034)$$
$$X_{4539} - 2Y_{4539} \leq +0 \quad \text{(G4539)} \quad (8035)$$
$$X_{4540} - 708Y_{4540} \leq +0 \quad \text{(G4540)} \quad (8036)$$

$$X_{4541} - 1480Y_{4541} \leq +0 \quad \text{(G4541)} \quad (8037)$$
$$X_{4542} - 618Y_{4542} \leq +0 \quad \text{(G4542)} \quad (8038)$$
$$X_{4543} - 38Y_{4543} \leq +0 \quad \text{(G4543)} \quad (8039)$$
$$X_{4544} - 703Y_{4544} \leq +0 \quad \text{(G4544)} \quad (8040)$$
$$X_{4545} - 1480Y_{4545} \leq +0 \quad \text{(G4545)} \quad (8041)$$
$$X_{4546} - 1070Y_{4546} \leq +0 \quad \text{(G4546)} \quad (8042)$$
$$X_{4547} - 796Y_{4547} \leq +0 \quad \text{(G4547)} \quad (8043)$$
$$X_{4548} - 338Y_{4548} \leq +0 \quad \text{(G4548)} \quad (8044)$$
$$X_{4549} - 488Y_{4549} \leq +0 \quad \text{(G4549)} \quad (8045)$$
$$X_{4550} - 11Y_{4550} \leq +0 \quad \text{(G4550)} \quad (8046)$$
$$X_{4551} - 231Y_{4551} \leq +0 \quad \text{(G4551)} \quad (8047)$$
$$X_{4552} - 6Y_{4552} \leq +0 \quad \text{(G4552)} \quad (8048)$$
$$X_{4553} - 255Y_{4553} \leq +0 \quad \text{(G4553)} \quad (8049)$$
$$X_{4554} - 1422Y_{4554} \leq +0 \quad \text{(G4554)} \quad (8050)$$
$$X_{4555} - 1017Y_{4555} \leq +0 \quad \text{(G4555)} \quad (8051)$$
$$X_{4556} - 731Y_{4556} \leq +0 \quad \text{(G4556)} \quad (8052)$$
$$X_{4557} - 572Y_{4557} \leq +0 \quad \text{(G4557)} \quad (8053)$$
$$X_{4558} - 79Y_{4558} \leq +0 \quad \text{(G4558)} \quad (8054)$$
$$X_{4559} - 2Y_{4559} \leq +0 \quad \text{(G4559)} \quad (8055)$$
$$X_{4560} - 11Y_{4560} \leq +0 \quad \text{(G4560)} \quad (8056)$$
$$X_{4561} - 416Y_{4561} \leq +0 \quad \text{(G4561)} \quad (8057)$$
$$X_{4562} - 28Y_{4562} \leq +0 \quad \text{(G4562)} \quad (8058)$$
$$X_{4563} - 567Y_{4563} \leq +0 \quad \text{(G4563)} \quad (8059)$$
$$X_{4564} - 468Y_{4564} \leq +0 \quad \text{(G4564)} \quad (8060)$$
$$X_{4565} - 1480Y_{4565} \leq +0 \quad \text{(G4565)} \quad (8061)$$
$$X_{4566} - 9Y_{4566} \leq +0 \quad \text{(G4566)} \quad (8062)$$
$$X_{4567} - 192Y_{4567} \leq +0 \quad \text{(G4567)} \quad (8063)$$
$$X_{4568} - 295Y_{4568} \leq +0 \quad \text{(G4568)} \quad (8064)$$
$$X_{4569} - 8Y_{4569} \leq +0 \quad \text{(G4569)} \quad (8065)$$
$$X_{4570} - 1139Y_{4570} \leq +0 \quad \text{(G4570)} \quad (8066)$$
$$X_{4571} - 1480Y_{4571} \leq +0 \quad \text{(G4571)} \quad (8067)$$
$$X_{4572} - 546Y_{4572} \leq +0 \quad \text{(G4572)} \quad (8068)$$
$$X_{4573} - 1480Y_{4573} \leq +0 \quad \text{(G4573)} \quad (8069)$$
$$X_{4574} - 70Y_{4574} \leq +0 \quad \text{(G4574)} \quad (8070)$$
$$X_{4575} - 264Y_{4575} \leq +0 \quad \text{(G4575)} \quad (8071)$$
$$X_{4576} - 782Y_{4576} \leq +0 \quad \text{(G4576)} \quad (8072)$$
$$X_{4577} - 1480Y_{4577} \leq +0 \quad \text{(G4577)} \quad (8073)$$
$$X_{4578} - 3Y_{4578} \leq +0 \quad \text{(G4578)} \quad (8074)$$
$$X_{4579} - 515Y_{4579} \leq +0 \quad \text{(G4579)} \quad (8075)$$
$$X_{4580} - 3Y_{4580} \leq +0 \quad \text{(G4580)} \quad (8076)$$
$$X_{4581} - 509Y_{4581} \leq +0 \quad \text{(G4581)} \quad (8077)$$
$$X_{4582} - 339Y_{4582} \leq +0 \quad \text{(G4582)} \quad (8078)$$

$$X_{4583} - 441Y_{4583} \leq +0 \quad \text{(G4583)} \quad (8079)$$
$$X_{4584} - 48Y_{4584} \leq +0 \quad \text{(G4584)} \quad (8080)$$
$$X_{4585} - 14Y_{4585} \leq +0 \quad \text{(G4585)} \quad (8081)$$
$$X_{4586} - 5Y_{4586} \leq +0 \quad \text{(G4586)} \quad (8082)$$
$$X_{4587} - 421Y_{4587} \leq +0 \quad \text{(G4587)} \quad (8083)$$
$$X_{4588} - 245Y_{4588} \leq +0 \quad \text{(G4588)} \quad (8084)$$
$$X_{4589} - 506Y_{4589} \leq +0 \quad \text{(G4589)} \quad (8085)$$
$$X_{4590} - 12Y_{4590} \leq +0 \quad \text{(G4590)} \quad (8086)$$
$$X_{4591} - 312Y_{4591} \leq +0 \quad \text{(G4591)} \quad (8087)$$
$$X_{4592} - 8Y_{4592} \leq +0 \quad \text{(G4592)} \quad (8088)$$
$$X_{4593} - 691Y_{4593} \leq +0 \quad \text{(G4593)} \quad (8089)$$
$$X_{4594} - 15Y_{4594} \leq +0 \quad \text{(G4594)} \quad (8090)$$
$$X_{4595} - 427Y_{4595} \leq +0 \quad \text{(G4595)} \quad (8091)$$
$$X_{4596} - 547Y_{4596} \leq +0 \quad \text{(G4596)} \quad (8092)$$
$$X_{4597} - 1480Y_{4597} \leq +0 \quad \text{(G4597)} \quad (8093)$$
$$X_{4598} - 817Y_{4598} \leq +0 \quad \text{(G4598)} \quad (8094)$$
$$X_{4599} - 589Y_{4599} \leq +0 \quad \text{(G4599)} \quad (8095)$$
$$X_{4600} - 765Y_{4600} \leq +0 \quad \text{(G4600)} \quad (8096)$$
$$X_{4601} - 394Y_{4601} \leq +0 \quad \text{(G4601)} \quad (8097)$$
$$X_{4602} - 11Y_{4602} \leq +0 \quad \text{(G4602)} \quad (8098)$$
$$X_{4603} - 535Y_{4603} \leq +0 \quad \text{(G4603)} \quad (8099)$$
$$X_{4604} - 182Y_{4604} \leq +0 \quad \text{(G4604)} \quad (8100)$$
$$X_{4605} - 573Y_{4605} \leq +0 \quad \text{(G4605)} \quad (8101)$$
$$X_{4606} - 136Y_{4606} \leq +0 \quad \text{(G4606)} \quad (8102)$$
$$X_{4607} - 589Y_{4607} \leq +0 \quad \text{(G4607)} \quad (8103)$$
$$X_{4608} - 571Y_{4608} \leq +0 \quad \text{(G4608)} \quad (8104)$$
$$X_{4609} - 8Y_{4609} \leq +0 \quad \text{(G4609)} \quad (8105)$$
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$$X_{4611} - 112Y_{4611} \leq +0 \quad \text{(G4611)} \quad (8107)$$
$$X_{4612} - 64Y_{4612} \leq +0 \quad \text{(G4612)} \quad (8108)$$
$$X_{4613} - 528Y_{4613} \leq +0 \quad \text{(G4613)} \quad (8109)$$
$$X_{4614} - 19Y_{4614} \leq +0 \quad \text{(G4614)} \quad (8110)$$
$$X_{4615} - 765Y_{4615} \leq +0 \quad \text{(G4615)} \quad (8111)$$
$$X_{4616} - 74Y_{4616} \leq +0 \quad \text{(G4616)} \quad (8112)$$
$$X_{4617} - 9Y_{4617} \leq +0 \quad \text{(G4617)} \quad (8113)$$
$$X_{4618} - 2Y_{4618} \leq +0 \quad \text{(G4618)} \quad (8114)$$
$$X_{4619} - 114Y_{4619} \leq +0 \quad \text{(G4619)} \quad (8115)$$
$$X_{4620} - Y_{4620} \leq +0 \quad \text{(G4620)} \quad (8116)$$
$$X_{4621} - 338Y_{4621} \leq +0 \quad \text{(G4621)} \quad (8117)$$
$$X_{4622} - 661Y_{4622} \leq +0 \quad \text{(G4622)} \quad (8118)$$
$$X_{4623} - 603Y_{4623} \leq +0 \quad \text{(G4623)} \quad (8119)$$
$$X_{4624} - 765Y_{4624} \leq +0 \quad \text{(G4624)} \quad (8120)$$

$$X_{4625} - 6Y_{4625} \leq +0 \quad \text{(G4625)} \quad (8121)$$

$$X_{4626} - 2Y_{4626} \leq +0 \quad \text{(G4626)} \quad (8122)$$

$$X_{4627} - 544Y_{4627} \leq +0 \quad \text{(G4627)} \quad (8123)$$

$$X_{4628} - 765Y_{4628} \leq +0 \quad \text{(G4628)} \quad (8124)$$

$$X_{4629} - 406Y_{4629} \leq +0 \quad \text{(G4629)} \quad (8125)$$

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$$X_{4632} - 242Y_{4632} \leq +0 \quad \text{(G4632)} \quad (8128)$$

$$X_{4633} - 246Y_{4633} \leq +0 \quad \text{(G4633)} \quad (8129)$$

$$X_{4634} - 17Y_{4634} \leq +0 \quad \text{(G4634)} \quad (8130)$$

$$X_{4635} - 673Y_{4635} \leq +0 \quad \text{(G4635)} \quad (8131)$$

$$X_{4636} - 5Y_{4636} \leq +0 \quad \text{(G4636)} \quad (8132)$$

$$X_{4637} - 765Y_{4637} \leq +0 \quad \text{(G4637)} \quad (8133)$$

$$X_{4638} - 3Y_{4638} \leq +0 \quad \text{(G4638)} \quad (8134)$$

$$X_{4639} - 2Y_{4639} \leq +0 \quad \text{(G4639)} \quad (8135)$$

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$$X_{4641} - 765Y_{4641} \leq +0 \quad \text{(G4641)} \quad (8137)$$

$$X_{4642} - 618Y_{4642} \leq +0 \quad \text{(G4642)} \quad (8138)$$

$$X_{4643} - 38Y_{4643} \leq +0 \quad \text{(G4643)} \quad (8139)$$

$$X_{4644} - 703Y_{4644} \leq +0 \quad \text{(G4644)} \quad (8140)$$

$$X_{4645} - 765Y_{4645} \leq +0 \quad \text{(G4645)} \quad (8141)$$

$$X_{4646} - 765Y_{4646} \leq +0 \quad \text{(G4646)} \quad (8142)$$

$$X_{4647} - 765Y_{4647} \leq +0 \quad \text{(G4647)} \quad (8143)$$

$$X_{4648} - 338Y_{4648} \leq +0 \quad \text{(G4648)} \quad (8144)$$

$$X_{4649} - 488Y_{4649} \leq +0 \quad \text{(G4649)} \quad (8145)$$

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$$X_{4652} - 6Y_{4652} \leq +0 \quad \text{(G4652)} \quad (8148)$$

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$$X_{4655} - 765Y_{4655} \leq +0 \quad \text{(G4655)} \quad (8151)$$

$$X_{4656} - 731Y_{4656} \leq +0 \quad \text{(G4656)} \quad (8152)$$

$$X_{4657} - 572Y_{4657} \leq +0 \quad \text{(G4657)} \quad (8153)$$

$$X_{4658} - 79Y_{4658} \leq +0 \quad \text{(G4658)} \quad (8154)$$

$$X_{4659} - 2Y_{4659} \leq +0 \quad \text{(G4659)} \quad (8155)$$

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$$X_{4662} - 28Y_{4662} \leq +0 \quad \text{(G4662)} \quad (8158)$$

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$$X_{4664} - 468Y_{4664} \leq +0 \quad \text{(G4664)} \quad (8160)$$

$$X_{4665} - 765Y_{4665} \leq +0 \quad \text{(G4665)} \quad (8161)$$

$$X_{4666} - 9Y_{4666} \leq +0 \quad \text{(G4666)} \quad (8162)$$

$$X_{4667} - 192Y_{4667} \leq +0 \quad \text{(G4667)} \quad (8163)$$

$$X_{4668} - 295Y_{4668} \leq +0 \quad \text{(G4668)} \quad (8164)$$

$$X_{4669} - 8Y_{4669} \leq +0 \quad \text{(G4669)} \quad (8165)$$

$$X_{4670} - 765Y_{4670} \leq +0 \quad \text{(G4670)} \quad (8166)$$

$$X_{4671} - 765Y_{4671} \leq +0 \quad \text{(G4671)} \quad (8167)$$

$$X_{4672} - 546Y_{4672} \leq +0 \quad \text{(G4672)} \quad (8168)$$

$$X_{4673} - 765Y_{4673} \leq +0 \quad \text{(G4673)} \quad (8169)$$

$$X_{4674} - 70Y_{4674} \leq +0 \quad \text{(G4674)} \quad (8170)$$

$$X_{4675} - 264Y_{4675} \leq +0 \quad \text{(G4675)} \quad (8171)$$

$$X_{4676} - 765Y_{4676} \leq +0 \quad \text{(G4676)} \quad (8172)$$

$$X_{4677} - 765Y_{4677} \leq +0 \quad \text{(G4677)} \quad (8173)$$

$$X_{4678} - 3Y_{4678} \leq +0 \quad \text{(G4678)} \quad (8174)$$

$$X_{4679} - 515Y_{4679} \leq +0 \quad \text{(G4679)} \quad (8175)$$

$$X_{4680} - 3Y_{4680} \leq +0 \quad \text{(G4680)} \quad (8176)$$

$$X_{4681} - 509Y_{4681} \leq +0 \quad \text{(G4681)} \quad (8177)$$

$$X_{4682} - 339Y_{4682} \leq +0 \quad \text{(G4682)} \quad (8178)$$

$$X_{4683} - 441Y_{4683} \leq +0 \quad \text{(G4683)} \quad (8179)$$

$$X_{4684} - 48Y_{4684} \leq +0 \quad \text{(G4684)} \quad (8180)$$

$$X_{4685} - 14Y_{4685} \leq +0 \quad \text{(G4685)} \quad (8181)$$

$$X_{4686} - 5Y_{4686} \leq +0 \quad \text{(G4686)} \quad (8182)$$

$$X_{4687} - 421Y_{4687} \leq +0 \quad \text{(G4687)} \quad (8183)$$

$$X_{4688} - 245Y_{4688} \leq +0 \quad \text{(G4688)} \quad (8184)$$

$$X_{4689} - 506Y_{4689} \leq +0 \quad \text{(G4689)} \quad (8185)$$

$$X_{4690} - 12Y_{4690} \leq +0 \quad \text{(G4690)} \quad (8186)$$

$$X_{4691} - 312Y_{4691} \leq +0 \quad \text{(G4691)} \quad (8187)$$

$$X_{4692} - 8Y_{4692} \leq +0 \quad \text{(G4692)} \quad (8188)$$

$$X_{4693} - 691Y_{4693} \leq +0 \quad \text{(G4693)} \quad (8189)$$

$$X_{4694} - 15Y_{4694} \leq +0 \quad \text{(G4694)} \quad (8190)$$

$$X_{4695} - 427Y_{4695} \leq +0 \quad \text{(G4695)} \quad (8191)$$

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$$X_{4698} - 765Y_{4698} \leq +0 \quad \text{(G4698)} \quad (8194)$$

$$X_{4699} - 589Y_{4699} \leq +0 \quad \text{(G4699)} \quad (8195)$$

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$$X_{4705} - 459Y_{4705} \leq +0 \quad \text{(G4705)} \quad (8201)$$

$$X_{4706} - 136Y_{4706} \leq +0 \quad \text{(G4706)} \quad (8202)$$

$$X_{4707} - 459Y_{4707} \leq +0 \quad \text{(G4707)} \quad (8203)$$

$$X_{4708} - 459Y_{4708} \leq +0 \quad \text{(G4708)} \quad (8204)$$

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$$X_{4713} - 459Y_{4713} \leq +0 \quad \text{(G4713)} \quad (8209)$$

$$X_{4714} - 19Y_{4714} \leq +0 \quad \text{(G4714)} \quad (8210)$$

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$$X_{4716} - 74Y_{4716} \leq +0 \quad \text{(G4716)} \quad (8212)$$

$$X_{4717} - 9Y_{4717} \leq +0 \quad \text{(G4717)} \quad (8213)$$

$$X_{4718} - 2Y_{4718} \leq +0 \quad \text{(G4718)} \quad (8214)$$

$$X_{4719} - 114Y_{4719} \leq +0 \quad \text{(G4719)} \quad (8215)$$

$$X_{4720} - Y_{4720} \leq +0 \quad \text{(G4720)} \quad (8216)$$

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$$X_{4722} - 459Y_{4722} \leq +0 \quad \text{(G4722)} \quad (8218)$$

$$X_{4723} - 459Y_{4723} \leq +0 \quad \text{(G4723)} \quad (8219)$$

$$X_{4724} - 459Y_{4724} \leq +0 \quad \text{(G4724)} \quad (8220)$$

$$X_{4725} - 6Y_{4725} \leq +0 \quad \text{(G4725)} \quad (8221)$$

$$X_{4726} - 2Y_{4726} \leq +0 \quad \text{(G4726)} \quad (8222)$$

$$X_{4727} - 459Y_{4727} \leq +0 \quad \text{(G4727)} \quad (8223)$$

$$X_{4728} - 459Y_{4728} \leq +0 \quad \text{(G4728)} \quad (8224)$$

$$X_{4729} - 406Y_{4729} \leq +0 \quad \text{(G4729)} \quad (8225)$$

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$$X_{4732} - 242Y_{4732} \leq +0 \quad \text{(G4732)} \quad (8228)$$

$$X_{4733} - 246Y_{4733} \leq +0 \quad \text{(G4733)} \quad (8229)$$

$$X_{4734} - 17Y_{4734} \leq +0 \quad \text{(G4734)} \quad (8230)$$

$$X_{4735} - 459Y_{4735} \leq +0 \quad \text{(G4735)} \quad (8231)$$

$$X_{4736} - 5Y_{4736} \leq +0 \quad \text{(G4736)} \quad (8232)$$

$$X_{4737} - 459Y_{4737} \leq +0 \quad \text{(G4737)} \quad (8233)$$

$$X_{4738} - 3Y_{4738} \leq +0 \quad \text{(G4738)} \quad (8234)$$

$$X_{4739} - 2Y_{4739} \leq +0 \quad \text{(G4739)} \quad (8235)$$

$$X_{4740} - 459Y_{4740} \leq +0 \quad \text{(G4740)} \quad (8236)$$

$$X_{4741} - 459Y_{4741} \leq +0 \quad \text{(G4741)} \quad (8237)$$

$$X_{4742} - 459Y_{4742} \leq +0 \quad \text{(G4742)} \quad (8238)$$

$$X_{4743} - 38Y_{4743} \leq +0 \quad \text{(G4743)} \quad (8239)$$

$$X_{4744} - 459Y_{4744} \leq +0 \quad \text{(G4744)} \quad (8240)$$

$$X_{4745} - 459Y_{4745} \leq +0 \quad \text{(G4745)} \quad (8241)$$

$$X_{4746} - 459Y_{4746} \leq +0 \quad \text{(G4746)} \quad (8242)$$

$$X_{4747} - 459Y_{4747} \leq +0 \quad \text{(G4747)} \quad (8243)$$

$$X_{4748} - 338Y_{4748} \leq +0 \quad \text{(G4748)} \quad (8244)$$

$$X_{4749} - 459Y_{4749} \leq +0 \quad \text{(G4749)} \quad (8245)$$

$$X_{4750} - 11Y_{4750} \leq +0 \quad \text{(G4750)} \quad (8246)$$

$$X_{4751} - 231Y_{4751} \leq +0 \quad \text{(G4751)} \quad (8247)$$
$$X_{4752} - 6Y_{4752} \leq +0 \quad \text{(G4752)} \quad (8248)$$
$$X_{4753} - 255Y_{4753} \leq +0 \quad \text{(G4753)} \quad (8249)$$
$$X_{4754} - 459Y_{4754} \leq +0 \quad \text{(G4754)} \quad (8250)$$
$$X_{4755} - 459Y_{4755} \leq +0 \quad \text{(G4755)} \quad (8251)$$
$$X_{4756} - 459Y_{4756} \leq +0 \quad \text{(G4756)} \quad (8252)$$
$$X_{4757} - 459Y_{4757} \leq +0 \quad \text{(G4757)} \quad (8253)$$
$$X_{4758} - 79Y_{4758} \leq +0 \quad \text{(G4758)} \quad (8254)$$
$$X_{4759} - 2Y_{4759} \leq +0 \quad \text{(G4759)} \quad (8255)$$
$$X_{4760} - 11Y_{4760} \leq +0 \quad \text{(G4760)} \quad (8256)$$
$$X_{4761} - 416Y_{4761} \leq +0 \quad \text{(G4761)} \quad (8257)$$
$$X_{4762} - 28Y_{4762} \leq +0 \quad \text{(G4762)} \quad (8258)$$
$$X_{4763} - 459Y_{4763} \leq +0 \quad \text{(G4763)} \quad (8259)$$
$$X_{4764} - 459Y_{4764} \leq +0 \quad \text{(G4764)} \quad (8260)$$
$$X_{4765} - 459Y_{4765} \leq +0 \quad \text{(G4765)} \quad (8261)$$
$$X_{4766} - 9Y_{4766} \leq +0 \quad \text{(G4766)} \quad (8262)$$
$$X_{4767} - 192Y_{4767} \leq +0 \quad \text{(G4767)} \quad (8263)$$
$$X_{4768} - 295Y_{4768} \leq +0 \quad \text{(G4768)} \quad (8264)$$
$$X_{4769} - 8Y_{4769} \leq +0 \quad \text{(G4769)} \quad (8265)$$
$$X_{4770} - 459Y_{4770} \leq +0 \quad \text{(G4770)} \quad (8266)$$
$$X_{4771} - 459Y_{4771} \leq +0 \quad \text{(G4771)} \quad (8267)$$
$$X_{4772} - 459Y_{4772} \leq +0 \quad \text{(G4772)} \quad (8268)$$
$$X_{4773} - 459Y_{4773} \leq +0 \quad \text{(G4773)} \quad (8269)$$
$$X_{4774} - 70Y_{4774} \leq +0 \quad \text{(G4774)} \quad (8270)$$
$$X_{4775} - 264Y_{4775} \leq +0 \quad \text{(G4775)} \quad (8271)$$
$$X_{4776} - 459Y_{4776} \leq +0 \quad \text{(G4776)} \quad (8272)$$
$$X_{4777} - 459Y_{4777} \leq +0 \quad \text{(G4777)} \quad (8273)$$
$$X_{4778} - 3Y_{4778} \leq +0 \quad \text{(G4778)} \quad (8274)$$
$$X_{4779} - 459Y_{4779} \leq +0 \quad \text{(G4779)} \quad (8275)$$
$$X_{4780} - 3Y_{4780} \leq +0 \quad \text{(G4780)} \quad (8276)$$
$$X_{4781} - 459Y_{4781} \leq +0 \quad \text{(G4781)} \quad (8277)$$
$$X_{4782} - 339Y_{4782} \leq +0 \quad \text{(G4782)} \quad (8278)$$
$$X_{4783} - 441Y_{4783} \leq +0 \quad \text{(G4783)} \quad (8279)$$
$$X_{4784} - 48Y_{4784} \leq +0 \quad \text{(G4784)} \quad (8280)$$
$$X_{4785} - 14Y_{4785} \leq +0 \quad \text{(G4785)} \quad (8281)$$
$$X_{4786} - 5Y_{4786} \leq +0 \quad \text{(G4786)} \quad (8282)$$
$$X_{4787} - 421Y_{4787} \leq +0 \quad \text{(G4787)} \quad (8283)$$
$$X_{4788} - 245Y_{4788} \leq +0 \quad \text{(G4788)} \quad (8284)$$
$$X_{4789} - 459Y_{4789} \leq +0 \quad \text{(G4789)} \quad (8285)$$
$$X_{4790} - 12Y_{4790} \leq +0 \quad \text{(G4790)} \quad (8286)$$
$$X_{4791} - 312Y_{4791} \leq +0 \quad \text{(G4791)} \quad (8287)$$
$$X_{4792} - 8Y_{4792} \leq +0 \quad \text{(G4792)} \quad (8288)$$

$$X_{4793} - 459Y_{4793} \leq +0 \quad \text{(G4793)} \quad (8289)$$
$$X_{4794} - 15Y_{4794} \leq +0 \quad \text{(G4794)} \quad (8290)$$
$$X_{4795} - 427Y_{4795} \leq +0 \quad \text{(G4795)} \quad (8291)$$
$$X_{4796} - 459Y_{4796} \leq +0 \quad \text{(G4796)} \quad (8292)$$
$$X_{4797} - 459Y_{4797} \leq +0 \quad \text{(G4797)} \quad (8293)$$
$$X_{4798} - 459Y_{4798} \leq +0 \quad \text{(G4798)} \quad (8294)$$
$$X_{4799} - 459Y_{4799} \leq +0 \quad \text{(G4799)} \quad (8295)$$
$$X_{4800} - 877Y_{4800} \leq +0 \quad \text{(G4800)} \quad (8296)$$
$$X_{4801} - 394Y_{4801} \leq +0 \quad \text{(G4801)} \quad (8297)$$
$$X_{4802} - 11Y_{4802} \leq +0 \quad \text{(G4802)} \quad (8298)$$
$$X_{4803} - 535Y_{4803} \leq +0 \quad \text{(G4803)} \quad (8299)$$
$$X_{4804} - 182Y_{4804} \leq +0 \quad \text{(G4804)} \quad (8300)$$
$$X_{4805} - 573Y_{4805} \leq +0 \quad \text{(G4805)} \quad (8301)$$
$$X_{4806} - 136Y_{4806} \leq +0 \quad \text{(G4806)} \quad (8302)$$
$$X_{4807} - 589Y_{4807} \leq +0 \quad \text{(G4807)} \quad (8303)$$
$$X_{4808} - 571Y_{4808} \leq +0 \quad \text{(G4808)} \quad (8304)$$
$$X_{4809} - 8Y_{4809} \leq +0 \quad \text{(G4809)} \quad (8305)$$
$$X_{4810} - 1925Y_{4810} \leq +0 \quad \text{(G4810)} \quad (8306)$$
$$X_{4811} - 112Y_{4811} \leq +0 \quad \text{(G4811)} \quad (8307)$$
$$X_{4812} - 64Y_{4812} \leq +0 \quad \text{(G4812)} \quad (8308)$$
$$X_{4813} - 528Y_{4813} \leq +0 \quad \text{(G4813)} \quad (8309)$$
$$X_{4814} - 19Y_{4814} \leq +0 \quad \text{(G4814)} \quad (8310)$$
$$X_{4815} - 1571Y_{4815} \leq +0 \quad \text{(G4815)} \quad (8311)$$
$$X_{4816} - 74Y_{4816} \leq +0 \quad \text{(G4816)} \quad (8312)$$
$$X_{4817} - 9Y_{4817} \leq +0 \quad \text{(G4817)} \quad (8313)$$
$$X_{4818} - 2Y_{4818} \leq +0 \quad \text{(G4818)} \quad (8314)$$
$$X_{4819} - 114Y_{4819} \leq +0 \quad \text{(G4819)} \quad (8315)$$
$$X_{4820} - Y_{4820} \leq +0 \quad \text{(G4820)} \quad (8316)$$
$$X_{4821} - 338Y_{4821} \leq +0 \quad \text{(G4821)} \quad (8317)$$
$$X_{4822} - 661Y_{4822} \leq +0 \quad \text{(G4822)} \quad (8318)$$
$$X_{4823} - 603Y_{4823} \leq +0 \quad \text{(G4823)} \quad (8319)$$
$$X_{4824} - 1274Y_{4824} \leq +0 \quad \text{(G4824)} \quad (8320)$$
$$X_{4825} - 6Y_{4825} \leq +0 \quad \text{(G4825)} \quad (8321)$$
$$X_{4826} - 2Y_{4826} \leq +0 \quad \text{(G4826)} \quad (8322)$$
$$X_{4827} - 544Y_{4827} \leq +0 \quad \text{(G4827)} \quad (8323)$$
$$X_{4828} - 1727Y_{4828} \leq +0 \quad \text{(G4828)} \quad (8324)$$
$$X_{4829} - 406Y_{4829} \leq +0 \quad \text{(G4829)} \quad (8325)$$
$$X_{4830} - 911Y_{4830} \leq +0 \quad \text{(G4830)} \quad (8326)$$
$$X_{4831} - 12Y_{4831} \leq +0 \quad \text{(G4831)} \quad (8327)$$
$$X_{4832} - 242Y_{4832} \leq +0 \quad \text{(G4832)} \quad (8328)$$
$$X_{4833} - 246Y_{4833} \leq +0 \quad \text{(G4833)} \quad (8329)$$
$$X_{4834} - 17Y_{4834} \leq +0 \quad \text{(G4834)} \quad (8330)$$

$$X_{4835} - 673Y_{4835} \leq +0 \quad \text{(G4835)} \quad (8331)$$
$$X_{4836} - 5Y_{4836} \leq +0 \quad \text{(G4836)} \quad (8332)$$
$$X_{4837} - 1097Y_{4837} \leq +0 \quad \text{(G4837)} \quad (8333)$$
$$X_{4838} - 3Y_{4838} \leq +0 \quad \text{(G4838)} \quad (8334)$$
$$X_{4839} - 2Y_{4839} \leq +0 \quad \text{(G4839)} \quad (8335)$$
$$X_{4840} - 708Y_{4840} \leq +0 \quad \text{(G4840)} \quad (8336)$$
$$X_{4841} - 2134Y_{4841} \leq +0 \quad \text{(G4841)} \quad (8337)$$
$$X_{4842} - 618Y_{4842} \leq +0 \quad \text{(G4842)} \quad (8338)$$
$$X_{4843} - 38Y_{4843} \leq +0 \quad \text{(G4843)} \quad (8339)$$
$$X_{4844} - 703Y_{4844} \leq +0 \quad \text{(G4844)} \quad (8340)$$
$$X_{4845} - 1663Y_{4845} \leq +0 \quad \text{(G4845)} \quad (8341)$$
$$X_{4846} - 1070Y_{4846} \leq +0 \quad \text{(G4846)} \quad (8342)$$
$$X_{4847} - 796Y_{4847} \leq +0 \quad \text{(G4847)} \quad (8343)$$
$$X_{4848} - 338Y_{4848} \leq +0 \quad \text{(G4848)} \quad (8344)$$
$$X_{4849} - 488Y_{4849} \leq +0 \quad \text{(G4849)} \quad (8345)$$
$$X_{4850} - 11Y_{4850} \leq +0 \quad \text{(G4850)} \quad (8346)$$
$$X_{4851} - 231Y_{4851} \leq +0 \quad \text{(G4851)} \quad (8347)$$
$$X_{4852} - 6Y_{4852} \leq +0 \quad \text{(G4852)} \quad (8348)$$
$$X_{4853} - 255Y_{4853} \leq +0 \quad \text{(G4853)} \quad (8349)$$
$$X_{4854} - 1422Y_{4854} \leq +0 \quad \text{(G4854)} \quad (8350)$$
$$X_{4855} - 1017Y_{4855} \leq +0 \quad \text{(G4855)} \quad (8351)$$
$$X_{4856} - 731Y_{4856} \leq +0 \quad \text{(G4856)} \quad (8352)$$
$$X_{4857} - 572Y_{4857} \leq +0 \quad \text{(G4857)} \quad (8353)$$
$$X_{4858} - 79Y_{4858} \leq +0 \quad \text{(G4858)} \quad (8354)$$
$$X_{4859} - 2Y_{4859} \leq +0 \quad \text{(G4859)} \quad (8355)$$
$$X_{4860} - 11Y_{4860} \leq +0 \quad \text{(G4860)} \quad (8356)$$
$$X_{4861} - 416Y_{4861} \leq +0 \quad \text{(G4861)} \quad (8357)$$
$$X_{4862} - 28Y_{4862} \leq +0 \quad \text{(G4862)} \quad (8358)$$
$$X_{4863} - 567Y_{4863} \leq +0 \quad \text{(G4863)} \quad (8359)$$
$$X_{4864} - 468Y_{4864} \leq +0 \quad \text{(G4864)} \quad (8360)$$
$$X_{4865} - 1678Y_{4865} \leq +0 \quad \text{(G4865)} \quad (8361)$$
$$X_{4866} - 9Y_{4866} \leq +0 \quad \text{(G4866)} \quad (8362)$$
$$X_{4867} - 192Y_{4867} \leq +0 \quad \text{(G4867)} \quad (8363)$$
$$X_{4868} - 295Y_{4868} \leq +0 \quad \text{(G4868)} \quad (8364)$$
$$X_{4869} - 8Y_{4869} \leq +0 \quad \text{(G4869)} \quad (8365)$$
$$X_{4870} - 1139Y_{4870} \leq +0 \quad \text{(G4870)} \quad (8366)$$
$$X_{4871} - 2145Y_{4871} \leq +0 \quad \text{(G4871)} \quad (8367)$$
$$X_{4872} - 546Y_{4872} \leq +0 \quad \text{(G4872)} \quad (8368)$$
$$X_{4873} - 1517Y_{4873} \leq +0 \quad \text{(G4873)} \quad (8369)$$
$$X_{4874} - 70Y_{4874} \leq +0 \quad \text{(G4874)} \quad (8370)$$
$$X_{4875} - 264Y_{4875} \leq +0 \quad \text{(G4875)} \quad (8371)$$
$$X_{4876} - 782Y_{4876} \leq +0 \quad \text{(G4876)} \quad (8372)$$

$$X_{4877} - 1561Y_{4877} \leq +0 \quad \text{(G4877)} \quad (8373)$$
$$X_{4878} - 3Y_{4878} \leq +0 \quad \text{(G4878)} \quad (8374)$$
$$X_{4879} - 515Y_{4879} \leq +0 \quad \text{(G4879)} \quad (8375)$$
$$X_{4880} - 3Y_{4880} \leq +0 \quad \text{(G4880)} \quad (8376)$$
$$X_{4881} - 509Y_{4881} \leq +0 \quad \text{(G4881)} \quad (8377)$$
$$X_{4882} - 339Y_{4882} \leq +0 \quad \text{(G4882)} \quad (8378)$$
$$X_{4883} - 441Y_{4883} \leq +0 \quad \text{(G4883)} \quad (8379)$$
$$X_{4884} - 48Y_{4884} \leq +0 \quad \text{(G4884)} \quad (8380)$$
$$X_{4885} - 14Y_{4885} \leq +0 \quad \text{(G4885)} \quad (8381)$$
$$X_{4886} - 5Y_{4886} \leq +0 \quad \text{(G4886)} \quad (8382)$$
$$X_{4887} - 421Y_{4887} \leq +0 \quad \text{(G4887)} \quad (8383)$$
$$X_{4888} - 245Y_{4888} \leq +0 \quad \text{(G4888)} \quad (8384)$$
$$X_{4889} - 506Y_{4889} \leq +0 \quad \text{(G4889)} \quad (8385)$$
$$X_{4890} - 12Y_{4890} \leq +0 \quad \text{(G4890)} \quad (8386)$$
$$X_{4891} - 312Y_{4891} \leq +0 \quad \text{(G4891)} \quad (8387)$$
$$X_{4892} - 8Y_{4892} \leq +0 \quad \text{(G4892)} \quad (8388)$$
$$X_{4893} - 691Y_{4893} \leq +0 \quad \text{(G4893)} \quad (8389)$$
$$X_{4894} - 15Y_{4894} \leq +0 \quad \text{(G4894)} \quad (8390)$$
$$X_{4895} - 427Y_{4895} \leq +0 \quad \text{(G4895)} \quad (8391)$$
$$X_{4896} - 547Y_{4896} \leq +0 \quad \text{(G4896)} \quad (8392)$$
$$X_{4897} - 1891Y_{4897} \leq +0 \quad \text{(G4897)} \quad (8393)$$
$$X_{4898} - 817Y_{4898} \leq +0 \quad \text{(G4898)} \quad (8394)$$
$$X_{4899} - 589Y_{4899} \leq +0 \quad \text{(G4899)} \quad (8395)$$
$$X_{4900} - 248Y_{4900} \leq +0 \quad \text{(G4900)} \quad (8396)$$
$$X_{4901} - 248Y_{4901} \leq +0 \quad \text{(G4901)} \quad (8397)$$
$$X_{4902} - 11Y_{4902} \leq +0 \quad \text{(G4902)} \quad (8398)$$
$$X_{4903} - 248Y_{4903} \leq +0 \quad \text{(G4903)} \quad (8399)$$
$$X_{4904} - 182Y_{4904} \leq +0 \quad \text{(G4904)} \quad (8400)$$
$$X_{4905} - 248Y_{4905} \leq +0 \quad \text{(G4905)} \quad (8401)$$
$$X_{4906} - 136Y_{4906} \leq +0 \quad \text{(G4906)} \quad (8402)$$
$$X_{4907} - 248Y_{4907} \leq +0 \quad \text{(G4907)} \quad (8403)$$
$$X_{4908} - 248Y_{4908} \leq +0 \quad \text{(G4908)} \quad (8404)$$
$$X_{4909} - 8Y_{4909} \leq +0 \quad \text{(G4909)} \quad (8405)$$
$$X_{4910} - 248Y_{4910} \leq +0 \quad \text{(G4910)} \quad (8406)$$
$$X_{4911} - 112Y_{4911} \leq +0 \quad \text{(G4911)} \quad (8407)$$
$$X_{4912} - 64Y_{4912} \leq +0 \quad \text{(G4912)} \quad (8408)$$
$$X_{4913} - 248Y_{4913} \leq +0 \quad \text{(G4913)} \quad (8409)$$
$$X_{4914} - 19Y_{4914} \leq +0 \quad \text{(G4914)} \quad (8410)$$
$$X_{4915} - 248Y_{4915} \leq +0 \quad \text{(G4915)} \quad (8411)$$
$$X_{4916} - 74Y_{4916} \leq +0 \quad \text{(G4916)} \quad (8412)$$
$$X_{4917} - 9Y_{4917} \leq +0 \quad \text{(G4917)} \quad (8413)$$
$$X_{4918} - 2Y_{4918} \leq +0 \quad \text{(G4918)} \quad (8414)$$

$$X_{4919} - 114Y_{4919} \leq +0 \quad \text{(G4919)} \quad (8415)$$
$$X_{4920} - Y_{4920} \leq +0 \quad \text{(G4920)} \quad (8416)$$
$$X_{4921} - 248Y_{4921} \leq +0 \quad \text{(G4921)} \quad (8417)$$
$$X_{4922} - 248Y_{4922} \leq +0 \quad \text{(G4922)} \quad (8418)$$
$$X_{4923} - 248Y_{4923} \leq +0 \quad \text{(G4923)} \quad (8419)$$
$$X_{4924} - 248Y_{4924} \leq +0 \quad \text{(G4924)} \quad (8420)$$
$$X_{4925} - 6Y_{4925} \leq +0 \quad \text{(G4925)} \quad (8421)$$
$$X_{4926} - 2Y_{4926} \leq +0 \quad \text{(G4926)} \quad (8422)$$
$$X_{4927} - 248Y_{4927} \leq +0 \quad \text{(G4927)} \quad (8423)$$
$$X_{4928} - 248Y_{4928} \leq +0 \quad \text{(G4928)} \quad (8424)$$
$$X_{4929} - 248Y_{4929} \leq +0 \quad \text{(G4929)} \quad (8425)$$
$$X_{4930} - 248Y_{4930} \leq +0 \quad \text{(G4930)} \quad (8426)$$
$$X_{4931} - 12Y_{4931} \leq +0 \quad \text{(G4931)} \quad (8427)$$
$$X_{4932} - 242Y_{4932} \leq +0 \quad \text{(G4932)} \quad (8428)$$
$$X_{4933} - 246Y_{4933} \leq +0 \quad \text{(G4933)} \quad (8429)$$
$$X_{4934} - 17Y_{4934} \leq +0 \quad \text{(G4934)} \quad (8430)$$
$$X_{4935} - 248Y_{4935} \leq +0 \quad \text{(G4935)} \quad (8431)$$
$$X_{4936} - 5Y_{4936} \leq +0 \quad \text{(G4936)} \quad (8432)$$
$$X_{4937} - 248Y_{4937} \leq +0 \quad \text{(G4937)} \quad (8433)$$
$$X_{4938} - 3Y_{4938} \leq +0 \quad \text{(G4938)} \quad (8434)$$
$$X_{4939} - 2Y_{4939} \leq +0 \quad \text{(G4939)} \quad (8435)$$
$$X_{4940} - 248Y_{4940} \leq +0 \quad \text{(G4940)} \quad (8436)$$
$$X_{4941} - 248Y_{4941} \leq +0 \quad \text{(G4941)} \quad (8437)$$
$$X_{4942} - 248Y_{4942} \leq +0 \quad \text{(G4942)} \quad (8438)$$
$$X_{4943} - 38Y_{4943} \leq +0 \quad \text{(G4943)} \quad (8439)$$
$$X_{4944} - 248Y_{4944} \leq +0 \quad \text{(G4944)} \quad (8440)$$
$$X_{4945} - 248Y_{4945} \leq +0 \quad \text{(G4945)} \quad (8441)$$
$$X_{4946} - 248Y_{4946} \leq +0 \quad \text{(G4946)} \quad (8442)$$
$$X_{4947} - 248Y_{4947} \leq +0 \quad \text{(G4947)} \quad (8443)$$
$$X_{4948} - 248Y_{4948} \leq +0 \quad \text{(G4948)} \quad (8444)$$
$$X_{4949} - 248Y_{4949} \leq +0 \quad \text{(G4949)} \quad (8445)$$
$$X_{4950} - 11Y_{4950} \leq +0 \quad \text{(G4950)} \quad (8446)$$
$$X_{4951} - 231Y_{4951} \leq +0 \quad \text{(G4951)} \quad (8447)$$
$$X_{4952} - 6Y_{4952} \leq +0 \quad \text{(G4952)} \quad (8448)$$
$$X_{4953} - 248Y_{4953} \leq +0 \quad \text{(G4953)} \quad (8449)$$
$$X_{4954} - 248Y_{4954} \leq +0 \quad \text{(G4954)} \quad (8450)$$
$$X_{4955} - 248Y_{4955} \leq +0 \quad \text{(G4955)} \quad (8451)$$
$$X_{4956} - 248Y_{4956} \leq +0 \quad \text{(G4956)} \quad (8452)$$
$$X_{4957} - 248Y_{4957} \leq +0 \quad \text{(G4957)} \quad (8453)$$
$$X_{4958} - 79Y_{4958} \leq +0 \quad \text{(G4958)} \quad (8454)$$
$$X_{4959} - 2Y_{4959} \leq +0 \quad \text{(G4959)} \quad (8455)$$
$$X_{4960} - 11Y_{4960} \leq +0 \quad \text{(G4960)} \quad (8456)$$

$$X_{4961} - 248Y_{4961} \leq +0 \quad \text{(G4961)} \quad (8457)$$

$$X_{4962} - 28Y_{4962} \leq +0 \quad \text{(G4962)} \quad (8458)$$

$$X_{4963} - 248Y_{4963} \leq +0 \quad \text{(G4963)} \quad (8459)$$

$$X_{4964} - 248Y_{4964} \leq +0 \quad \text{(G4964)} \quad (8460)$$

$$X_{4965} - 248Y_{4965} \leq +0 \quad \text{(G4965)} \quad (8461)$$

$$X_{4966} - 9Y_{4966} \leq +0 \quad \text{(G4966)} \quad (8462)$$

$$X_{4967} - 192Y_{4967} \leq +0 \quad \text{(G4967)} \quad (8463)$$

$$X_{4968} - 248Y_{4968} \leq +0 \quad \text{(G4968)} \quad (8464)$$

$$X_{4969} - 8Y_{4969} \leq +0 \quad \text{(G4969)} \quad (8465)$$

$$X_{4970} - 248Y_{4970} \leq +0 \quad \text{(G4970)} \quad (8466)$$

$$X_{4971} - 248Y_{4971} \leq +0 \quad \text{(G4971)} \quad (8467)$$

$$X_{4972} - 248Y_{4972} \leq +0 \quad \text{(G4972)} \quad (8468)$$

$$X_{4973} - 248Y_{4973} \leq +0 \quad \text{(G4973)} \quad (8469)$$

$$X_{4974} - 70Y_{4974} \leq +0 \quad \text{(G4974)} \quad (8470)$$

$$X_{4975} - 248Y_{4975} \leq +0 \quad \text{(G4975)} \quad (8471)$$

$$X_{4976} - 248Y_{4976} \leq +0 \quad \text{(G4976)} \quad (8472)$$

$$X_{4977} - 248Y_{4977} \leq +0 \quad \text{(G4977)} \quad (8473)$$

$$X_{4978} - 3Y_{4978} \leq +0 \quad \text{(G4978)} \quad (8474)$$

$$X_{4979} - 248Y_{4979} \leq +0 \quad \text{(G4979)} \quad (8475)$$

$$X_{4980} - 3Y_{4980} \leq +0 \quad \text{(G4980)} \quad (8476)$$

$$X_{4981} - 248Y_{4981} \leq +0 \quad \text{(G4981)} \quad (8477)$$

$$X_{4982} - 248Y_{4982} \leq +0 \quad \text{(G4982)} \quad (8478)$$

$$X_{4983} - 248Y_{4983} \leq +0 \quad \text{(G4983)} \quad (8479)$$

$$X_{4984} - 48Y_{4984} \leq +0 \quad \text{(G4984)} \quad (8480)$$

$$X_{4985} - 14Y_{4985} \leq +0 \quad \text{(G4985)} \quad (8481)$$

$$X_{4986} - 5Y_{4986} \leq +0 \quad \text{(G4986)} \quad (8482)$$

$$X_{4987} - 248Y_{4987} \leq +0 \quad \text{(G4987)} \quad (8483)$$

$$X_{4988} - 245Y_{4988} \leq +0 \quad \text{(G4988)} \quad (8484)$$

$$X_{4989} - 248Y_{4989} \leq +0 \quad \text{(G4989)} \quad (8485)$$

$$X_{4990} - 12Y_{4990} \leq +0 \quad \text{(G4990)} \quad (8486)$$

$$X_{4991} - 248Y_{4991} \leq +0 \quad \text{(G4991)} \quad (8487)$$

$$X_{4992} - 8Y_{4992} \leq +0 \quad \text{(G4992)} \quad (8488)$$

$$X_{4993} - 248Y_{4993} \leq +0 \quad \text{(G4993)} \quad (8489)$$

$$X_{4994} - 15Y_{4994} \leq +0 \quad \text{(G4994)} \quad (8490)$$

$$X_{4995} - 248Y_{4995} \leq +0 \quad \text{(G4995)} \quad (8491)$$

$$X_{4996} - 248Y_{4996} \leq +0 \quad \text{(G4996)} \quad (8492)$$

$$X_{4997} - 248Y_{4997} \leq +0 \quad \text{(G4997)} \quad (8493)$$

$$X_{4998} - 248Y_{4998} \leq +0 \quad \text{(G4998)} \quad (8494)$$

$$X_{4999} - 248Y_{4999} \leq +0 \quad \text{(G4999)} \quad (8495)$$

(8496)

4 变量定义

4.1 二元变量 (5000 个)

$$Y_i \in \{0, 1\}, \quad i \in \{0, 1, 2, \ldots, 4999\} \tag{8497}$$

二元变量示例 (显示前 50 个，共 5000 个):

Y_{4998}, Y_0, Y_1, Y_2, Y_3, Y_4, Y_5, Y_6, Y_7, Y_8,
Y_9, Y_{10}, Y_{11}, Y_{12}, Y_{13}, Y_{14}, Y_{15}, Y_{16}, Y_{17}, Y_{18},
Y_{19}, Y_{20}, Y_{21}, Y_{22}, Y_{23}, Y_{24}, Y_{25}, Y_{26}, Y_{27}, Y_{28},
Y_{29}, Y_{30}, Y_{31}, Y_{32}, Y_{33}, Y_{34}, Y_{35}, Y_{36}, Y_{37}, Y_{38},
Y_{39}, Y_{40}, Y_{41}, Y_{42}, Y_{43}, Y_{44}, Y_{45}, Y_{46}, Y_{47}, Y_{48}

... 还有 4950 个二元变量

4.2 连续变量 (5000 个)

所有连续变量均为非负实数:

$$X_j \geq 0, \quad j \in \{0, 1, 2, \ldots, 4999\} \tag{8498}$$

连续变量说明: 模型包含 5000 个连续决策变量，所有变量的取值范围均为非负实数域。