Rank-65904 over GF(32)

January 15, 2021

The equation

The equation of the surface is :

$$X_0^3 + X_2^3 + X_3^3 + X_0^2 X_2 + X_0^2 X_3 + X_1^2 X_2 + X_0 X_1 X_2 = 0$$

(1, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0)
The point rank of the equation over GF(32) is -2079258586

General information

Number of lines	0
Number of points	993
Number of singular points	0
Number of Eckardt points	0
Number of double points	0
Number of single points	0
Number of points off lines	993
Number of Hesse planes	0
Number of axes	0
Type of points on lines	
Type of lines on points	0^{993}

Singular Points

The surface has 0 singular points:

The 0 Lines

The lines and their Pluecker coordinates are:
Rank of lines: ( )
Rank of points on Klein quadric: ( )

Eckardt Points

The surface has 0 Eckardt points:

Double Points

The surface has 0 Double points:
The double points on the surface are:

Single Points

The surface has 0 single points:
The single points on the surface are:

The single points on the surface are:

Points on surface but on no line

The surface has 993 points not on any line:
The points on the surface but not on lines are:

$0: P_1 = (0, 1, 0, 0)$	$27: P_{2236} = (27, 4, 1, 1)$
$1: P_{67} = (0, 1, 1, 0)$	$28: P_{2250} = (9, 5, 1, 1)$
$2: P_{121} = (22, 2, 1, 0)$	$29: P_{2263} = (22, 5, 1, 1)$
$3: P_{188} = (25, 4, 1, 0)$	$30: P_{2272} = (31, 5, 1, 1)$
$4: P_{256} = (29, 6, 1, 0)$	$31: P_{2362} = (25, 8, 1, 1)$
$5: P_{273} = (14, 7, 1, 0)$	$32: P_{2373} = (4, 9, 1, 1)$
$6: P_{337} = (14, 9, 1, 0)$	$33: P_{2407} = (6, 10, 1, 1)$
$7: P_{417} = (30, 11, 1, 0)$	$34: P_{2449} = (16, 11, 1, 1)$
$8: P_{471} = (20, 13, 1, 0)$	$35: P_{2471} = (6, 12, 1, 1)$
$9: P_{534} = (19, 15, 1, 0)$	$36: P_{2474} = (9, 12, 1, 1)$
$10: P_{553} = (6, 16, 1, 0)$	$37: P_{2480} = (15, 12, 1, 1)$
$11: P_{621} = (10, 18, 1, 0)$	$38: P_{2501} = (4, 13, 1, 1)$
$12: P_{697} = (22, 20, 1, 0)$	$39: P_{2549} = (20, 14, 1, 1)$
$13: P_{737} = (30, 21, 1, 0)$	$40: P_{2574} = (13, 15, 1, 1)$
$14: P_{745} = (6, 22, 1, 0)$	$41: P_{2595} = (2, 16, 1, 1)$
$15: P_{779} = (8, 23, 1, 0)$	$42: P_{2636} = (11, 17, 1, 1)$
$16: P_{813} = (10, 24, 1, 0)$	$43: P_{2643} = (18, 17, 1, 1)$
$17: P_{855} = (20, 25, 1, 0)$	$44: P_{2650} = (25, 17, 1, 1)$
$18: P_{928} = (29, 27, 1, 0)$	$45: P_{2659} = (2, 18, 1, 1)$
$19: P_{950} = (19, 28, 1, 0)$	$46: P_{2711} = (22, 19, 1, 1)$
$20: P_{988} = (25, 29, 1, 0)$	$47: P_{2924} = (11, 26, 1, 1)$
$21: P_{1035} = (8, 31, 1, 0)$	$48: P_{2933} = (20, 26, 1, 1)$
$22: P_{2082} = (0, 0, 1, 1)$	$49: P_{2944} = (31, 26, 1, 1)$
$23: P_{2158} = (13, 2, 1, 1)$	$50: P_{2961} = (16, 27, 1, 1)$
$24: P_{2192} = (15, 3, 1, 1)$	$51: P_{3070} = (29, 30, 1, 1)$
$25: P_{2195} = (18, 3, 1, 1)$	$52: P_{3100} = (27, 31, 1, 1)$
$26: P_{2206} = (29, 3, 1, 1)$	$53: P_{3110} = (5, 0, 2, 1)$

$54 : P_{3177} = (8, 2, 2, 1)$
$55 : P_{3215} = (14, 3, 2, 1)$
$56 : P_{3270} = (5, 5, 2, 1)$
$57 : P_{3381} = (20, 8, 2, 1)$
$58 : P_{3421} = (28, 9, 2, 1)$
$59 : P_{3433} = (8, 10, 2, 1)$
$60 : P_{3442} = (17, 10, 2, 1)$
$61 : P_{3451} = (26, 10, 2, 1)$
$62 : P_{3478} = (21, 11, 2, 1)$
$63 : P_{3511} = (22, 12, 2, 1)$
$64 : P_{3535} = (14, 13, 2, 1)$
$65 : P_{3615} = (30, 15, 2, 1)$
$66 : P_{3643} = (26, 16, 2, 1)$
$67 : P_{3679} = (30, 17, 2, 1)$
$68 : P_{3685} = (4, 18, 2, 1)$
$69 : P_{3691} = (10, 18, 2, 1)$
$70 : P_{3694} = (13, 18, 2, 1)$
$71 : P_{3805} = (28, 21, 2, 1)$
$72 : P_{3813} = (4, 22, 2, 1)$
$73 : P_{3883} = (10, 24, 2, 1)$
$74 : P_{3959} = (22, 26, 2, 1)$
$75 : P_{3986} = (17, 27, 2, 1)$
$76 : P_{4004} = (3, 28, 2, 1)$
$77 : P_{4021} = (20, 28, 2, 1)$
$78 : P_{4033} = (0, 29, 2, 1)$
$79 : P_{4086} = (21, 30, 2, 1)$
$80 : P_{4100} = (3, 31, 2, 1)$
$81 : P_{4110} = (13, 31, 2, 1)$
$82 : P_{4137} = (8, 0, 3, 1)$
$83 : P_{4152} = (23, 0, 3, 1)$
$84 : P_{4158} = (29, 0, 3, 1)$
$85 : P_{4237} = (12, 3, 3, 1)$
$86 : P_{4270} = (13, 4, 3, 1)$
$87 : P_{4393} = (8, 8, 3, 1)$
$88 : P_{4419} = (2, 9, 3, 1)$
$89 : P_{4430} = (13, 9, 3, 1)$
$90 : P_{4483} = (2, 11, 3, 1)$
$91 : P_{4501} = (20, 11, 3, 1)$
$92 : P_{4561} = (16, 13, 3, 1)$
$93 : P_{4599} = (22, 14, 3, 1)$
$94 : P_{4621} = (12, 15, 3, 1)$
$95 : P_{4676} = (3, 17, 3, 1)$
$96 : P_{4708} = (3, 18, 3, 1)$
$97 : P_{4719} = (14, 18, 3, 1)$
$98 : P_{4720} = (15, 18, 3, 1)$
$99 : P_{4833} = (0, 22, 3, 1)$
$100 : P_{4888} = (23, 23, 3, 1)$
$101 : P_{4919} = (22, 24, 3, 1)$
$102 : P_{4936} = (7, 25, 3, 1)$
$103 : P_{5039} = (14, 28, 3, 1)$
$104 : P_{5072} = (15, 29, 3, 1)$
$105 : P_{5073} = (16, 29, 3, 1)$
$106 : P_{5086} = (29, 29, 3, 1)$
$107 : P_{5096} = (7, 30, 3, 1)$

$108 : P_{5141} = (20, 31, 3, 1)$
$109 : P_{5170} = (17, 0, 4, 1)$
$110 : P_{5229} = (12, 2, 4, 1)$
$111 : P_{5274} = (25, 3, 4, 1)$
$112 : P_{5291} = (10, 4, 4, 1)$
$113 : P_{5343} = (30, 5, 4, 1)$
$114 : P_{5391} = (14, 7, 4, 1)$
$115 : P_{5455} = (14, 9, 4, 1)$
$116 : P_{5457} = (16, 9, 4, 1)$
$117 : P_{5468} = (27, 9, 4, 1)$
$118 : P_{5502} = (29, 10, 4, 1)$
$119 : P_{5528} = (23, 11, 4, 1)$
$120 : P_{5556} = (19, 12, 4, 1)$
$121 : P_{5572} = (3, 13, 4, 1)$
$122 : P_{5604} = (3, 14, 4, 1)$
$123 : P_{5611} = (10, 14, 4, 1)$
$124 : P_{5613} = (12, 14, 4, 1)$
$125 : P_{5661} = (28, 15, 4, 1)$
$126 : P_{5714} = (17, 17, 4, 1)$
$127 : P_{5734} = (5, 18, 4, 1)$
$128 : P_{5756} = (27, 18, 4, 1)$
$129 : P_{5789} = (28, 19, 4, 1)$
$130 : P_{5857} = (0, 22, 4, 1)$
$131 : P_{5894} = (5, 23, 4, 1)$
$132 : P_{5918} = (29, 23, 4, 1)$
$133 : P_{5969} = (16, 25, 4, 1)$
$134 : P_{6010} = (25, 26, 4, 1)$
$135 : P_{6047} = (30, 27, 4, 1)$
$136 : P_{6072} = (23, 28, 4, 1)$
$137 : P_{6164} = (19, 31, 4, 1)$
$138 : P_{6187} = (10, 0, 5, 1)$
$139 : P_{6199} = (22, 0, 5, 1)$
$140 : P_{6201} = (24, 0, 5, 1)$
$141 : P_{6363} = (26, 5, 5, 1)$
$142 : P_{6390} = (21, 6, 5, 1)$
$143 : P_{6426} = (25, 7, 5, 1)$
$144 : P_{6470} = (5, 9, 5, 1)$
$145 : P_{6495} = (30, 9, 5, 1)$
$146 : P_{6496} = (31, 9, 5, 1)$
$147 : P_{6507} = (10, 10, 5, 1)$
$148 : P_{6533} = (4, 11, 5, 1)$
$149 : P_{6556} = (27, 11, 5, 1)$
$150 : P_{6566} = (5, 12, 5, 1)$
$151 : P_{6661} = (4, 15, 5, 1)$
$152 : P_{6686} = (29, 15, 5, 1)$
$153 : P_{6716} = (27, 16, 5, 1)$
$154 : P_{6782} = (29, 18, 5, 1)$
$155 : P_{6806} = (21, 19, 5, 1)$
$156 : P_{6894} = (13, 22, 5, 1)$
$157 : P_{6903} = (22, 22, 5, 1)$
$158 : P_{6912} = (31, 22, 5, 1)$
$159 : P_{6943} = (30, 23, 5, 1)$
$160 : P_{6969} = (24, 24, 5, 1)$
$161 : P_{6977} = (0, 25, 5, 1)$

$162 : P_{7054} = (13, 27, 5, 1)$
$163 : P_{7162} = (25, 30, 5, 1)$
$164 : P_{7195} = (26, 31, 5, 1)$
$165 : P_{7274} = (9, 2, 6, 1)$
$166 : P_{7310} = (13, 3, 6, 1)$
$167 : P_{7314} = (17, 3, 6, 1)$
$168 : P_{7324} = (27, 3, 6, 1)$
$169 : P_{7332} = (3, 4, 6, 1)$
$170 : P_{7384} = (23, 5, 6, 1)$
$171 : P_{7417} = (24, 6, 6, 1)$
$172 : P_{7428} = (3, 7, 6, 1)$
$173 : P_{7486} = (29, 8, 6, 1)$
$174 : P_{7514} = (25, 9, 6, 1)$
$175 : P_{7562} = (9, 11, 6, 1)$
$176 : P_{7571} = (18, 11, 6, 1)$
$177 : P_{7581} = (28, 11, 6, 1)$
$178 : P_{7585} = (0, 12, 6, 1)$
$179 : P_{7662} = (13, 14, 6, 1)$
$180 : P_{7665} = (16, 14, 6, 1)$
$181 : P_{7675} = (26, 14, 6, 1)$
$182 : P_{7738} = (25, 16, 6, 1)$
$183 : P_{7760} = (15, 17, 6, 1)$
$184 : P_{7778} = (1, 18, 6, 1)$
$185 : P_{7794} = (17, 18, 6, 1)$
$186 : P_{7800} = (23, 18, 6, 1)$
$187 : P_{7810} = (1, 19, 6, 1)$
$188 : P_{7867} = (26, 20, 6, 1)$
$189 : P_{7902} = (29, 21, 6, 1)$
$190 : P_{7965} = (28, 23, 6, 1)$
$191 : P_{7996} = (27, 24, 6, 1)$
$192 : P_{8019} = (18, 25, 6, 1)$
$193 : P_{8176} = (15, 30, 6, 1)$
$194 : P_{8177} = (16, 30, 6, 1)$
$195 : P_{8185} = (24, 30, 6, 1)$
$196 : P_{8229} = (4, 0, 7, 1)$
$197 : P_{8241} = (16, 0, 7, 1)$
$198 : P_{8243} = (18, 0, 7, 1)$
$199 : P_{8315} = (26, 2, 7, 1)$
$200 : P_{8326} = (5, 3, 7, 1)$
$201 : P_{8342} = (21, 3, 7, 1)$
$202 : P_{8343} = (22, 3, 7, 1)$
$203 : P_{8357} = (4, 4, 7, 1)$
$204 : P_{8399} = (14, 5, 7, 1)$
$205 : P_{8404} = (19, 5, 7, 1)$
$206 : P_{8412} = (27, 5, 7, 1)$
$207 : P_{8422} = (5, 6, 7, 1)$
$208 : P_{8464} = (15, 7, 7, 1)$
$209 : P_{8496} = (15, 8, 7, 1)$
$210 : P_{8536} = (23, 9, 7, 1)$
$211 : P_{8591} = (14, 11, 7, 1)$
$212 : P_{8701} = (28, 14, 7, 1)$
$213 : P_{8753} = (16, 16, 7, 1)$
$214 : P_{8809} = (8, 18, 7, 1)$
$215 : P_{8819} = (18, 18, 7, 1)$

$216 : P_{8829} = (28, 18, 7, 1)$
$217 : P_{8840} = (7, 19, 7, 1)$
$218 : P_{8872} = (7, 20, 7, 1)$
$219 : P_{8875} = (10, 20, 7, 1)$
$220 : P_{8876} = (11, 20, 7, 1)$
$221 : P_{8919} = (22, 21, 7, 1)$
$222 : P_{8929} = (0, 22, 7, 1)$
$223 : P_{8948} = (19, 22, 7, 1)$
$224 : P_{8950} = (21, 22, 7, 1)$
$225 : P_{9019} = (26, 24, 7, 1)$
$226 : P_{9065} = (8, 26, 7, 1)$
$227 : P_{9195} = (10, 30, 7, 1)$
$228 : P_{9208} = (23, 30, 7, 1)$
$229 : P_{9212} = (27, 30, 7, 1)$
$230 : P_{9228} = (11, 31, 7, 1)$
$231 : P_{9321} = (8, 2, 8, 1)$
$232 : P_{9401} = (24, 4, 8, 1)$
$233 : P_{9488} = (15, 7, 8, 1)$
$234 : P_{9498} = (25, 7, 8, 1)$
$235 : P_{9504} = (31, 7, 8, 1)$
$236 : P_{9520} = (15, 8, 8, 1)$
$237 : P_{9524} = (19, 8, 8, 1)$
$238 : P_{9526} = (21, 8, 8, 1)$
$239 : P_{9575} = (6, 10, 8, 1)$
$240 : P_{9576} = (7, 10, 8, 1)$
$241 : P_{9577} = (8, 10, 8, 1)$
$242 : P_{9605} = (4, 11, 8, 1)$
$243 : P_{9617} = (16, 11, 8, 1)$
$244 : P_{9630} = (29, 11, 8, 1)$
$245 : P_{9639} = (6, 12, 8, 1)$
$246 : P_{9650} = (17, 12, 8, 1)$
$247 : P_{9663} = (30, 12, 8, 1)$
$248 : P_{9672} = (7, 13, 8, 1)$
$249 : P_{9733} = (4, 15, 8, 1)$
$250 : P_{9762} = (1, 16, 8, 1)$
$251 : P_{9766} = (5, 16, 8, 1)$
$252 : P_{9774} = (13, 16, 8, 1)$
$253 : P_{9794} = (1, 17, 8, 1)$
$254 : P_{9795} = (2, 17, 8, 1)$
$255 : P_{9803} = (10, 17, 8, 1)$
$256 : P_{9855} = (30, 18, 8, 1)$
$257 : P_{9859} = (2, 19, 8, 1)$
$258 : P_{9921} = (0, 21, 8, 1)$
$259 : P_{9926} = (5, 21, 8, 1)$
$260 : P_{9933} = (12, 21, 8, 1)$
$261 : P_{9982} = (29, 22, 8, 1)$
$262 : P_{10048} = (31, 24, 8, 1)$
$263 : P_{10061} = (12, 25, 8, 1)$
$264 : P_{10123} = (10, 27, 8, 1)$
$265 : P_{10129} = (16, 27, 8, 1)$
$266 : P_{10132} = (19, 27, 8, 1)$
$267 : P_{10169} = (24, 28, 8, 1)$
$268 : P_{10190} = (13, 29, 8, 1)$
$269 : P_{10194} = (17, 29, 8, 1)$

$270: P_{10198} = (21, 29, 8, 1)$
$271: P_{10234} = (25, 30, 8, 1)$
$272: P_{10286} = (13, 0, 9, 1)$
$273: P_{10347} = (10, 2, 9, 1)$
$274: P_{10462} = (29, 5, 9, 1)$
$275: P_{10508} = (11, 7, 9, 1)$
$276: P_{10539} = (10, 8, 9, 1)$
$277: P_{10566} = (5, 9, 9, 1)$
$278: P_{10599} = (6, 10, 9, 1)$
$279: P_{10625} = (0, 11, 9, 1)$
$280: P_{10641} = (16, 11, 9, 1)$
$281: P_{10649} = (24, 11, 9, 1)$
$282: P_{10662} = (5, 12, 9, 1)$
$283: P_{10663} = (6, 12, 9, 1)$
$284: P_{10668} = (11, 12, 9, 1)$
$285: P_{10702} = (13, 13, 9, 1)$
$286: P_{10740} = (19, 14, 9, 1)$
$287: P_{10797} = (12, 16, 9, 1)$
$288: P_{10824} = (7, 17, 9, 1)$
$289: P_{10905} = (24, 19, 9, 1)$
$290: P_{10984} = (7, 22, 9, 1)$
$291: P_{11018} = (9, 23, 9, 1)$
$292: P_{11070} = (29, 24, 9, 1)$
$293: P_{11153} = (16, 27, 9, 1)$
$294: P_{11181} = (12, 28, 9, 1)$
$295: P_{11220} = (19, 29, 9, 1)$
$296: P_{11242} = (9, 30, 9, 1)$
$297: P_{11369} = (8, 2, 10, 1)$
$298: P_{11374} = (13, 2, 10, 1)$
$299: P_{11375} = (14, 2, 10, 1)$
$300: P_{11435} = (10, 4, 10, 1)$
$301: P_{11515} = (26, 6, 10, 1)$
$302: P_{11539} = (18, 7, 10, 1)$
$303: P_{11557} = (4, 8, 10, 1)$
$304: P_{11604} = (19, 9, 10, 1)$
$305: P_{11625} = (8, 10, 10, 1)$
$306: P_{11645} = (28, 10, 10, 1)$
$307: P_{11648} = (31, 10, 10, 1)$
$308: P_{11682} = (1, 12, 10, 1)$
$309: P_{11685} = (4, 12, 10, 1)$
$310: P_{11695} = (14, 12, 10, 1)$
$311: P_{11714} = (1, 13, 10, 1)$
$312: P_{11730} = (17, 13, 10, 1)$
$313: P_{11740} = (27, 13, 10, 1)$
$314: P_{11755} = (10, 14, 10, 1)$
$315: P_{11765} = (20, 14, 10, 1)$
$316: P_{11766} = (21, 14, 10, 1)$
$317: P_{11790} = (13, 15, 10, 1)$
$318: P_{11793} = (16, 15, 10, 1)$
$319: P_{11799} = (22, 15, 10, 1)$
$320: P_{11816} = (7, 16, 10, 1)$
$321: P_{11911} = (6, 19, 10, 1)$
$322: P_{11975} = (6, 21, 10, 1)$
$323: P_{11987} = (18, 21, 10, 1)$

$324: P_{12000} = (31, 21, 10, 1)$
$325: P_{12013} = (12, 22, 10, 1)$
$326: P_{12028} = (27, 22, 10, 1)$
$327: P_{12029} = (28, 22, 10, 1)$
$328: P_{12040} = (7, 23, 10, 1)$
$329: P_{12119} = (22, 25, 10, 1)$
$330: P_{12141} = (12, 26, 10, 1)$
$331: P_{12148} = (19, 26, 10, 1)$
$332: P_{12149} = (20, 26, 10, 1)$
$333: P_{12182} = (21, 27, 10, 1)$
$334: P_{12193} = (0, 28, 10, 1)$
$335: P_{12210} = (17, 28, 10, 1)$
$336: P_{12219} = (26, 28, 10, 1)$
$337: P_{12305} = (16, 31, 10, 1)$
$338: P_{12348} = (27, 0, 11, 1)$
$339: P_{12398} = (13, 2, 11, 1)$
$340: P_{12463} = (14, 4, 11, 1)$
$341: P_{12567} = (22, 7, 11, 1)$
$342: P_{12584} = (7, 8, 11, 1)$
$343: P_{12655} = (14, 10, 11, 1)$
$344: P_{12690} = (17, 11, 11, 1)$
$345: P_{12726} = (21, 12, 11, 1)$
$346: P_{12763} = (26, 13, 11, 1)$
$347: P_{12789} = (20, 14, 11, 1)$
$348: P_{12801} = (0, 15, 11, 1)$
$349: P_{12808} = (7, 15, 11, 1)$
$350: P_{12814} = (13, 15, 11, 1)$
$351: P_{12887} = (22, 17, 11, 1)$
$352: P_{12940} = (11, 19, 11, 1)$
$353: P_{13008} = (15, 21, 11, 1)$
$354: P_{13033} = (8, 22, 11, 1)$
$355: P_{13083} = (26, 23, 11, 1)$
$356: P_{13100} = (11, 24, 11, 1)$
$357: P_{13142} = (21, 25, 11, 1)$
$358: P_{13168} = (15, 26, 11, 1)$
$359: P_{13170} = (17, 26, 11, 1)$
$360: P_{13173} = (20, 26, 11, 1)$
$361: P_{13212} = (27, 27, 11, 1)$
$362: P_{13289} = (8, 30, 11, 1)$
$363: P_{13351} = (6, 0, 12, 1)$
$364: P_{13366} = (21, 0, 12, 1)$
$365: P_{13375} = (30, 0, 12, 1)$
$366: P_{13453} = (12, 3, 12, 1)$
$367: P_{13475} = (2, 4, 12, 1)$
$368: P_{13539} = (2, 6, 12, 1)$
$369: P_{13543} = (6, 6, 12, 1)$
$370: P_{13546} = (9, 6, 12, 1)$
$371: P_{13577} = (8, 7, 12, 1)$
$372: P_{13621} = (20, 8, 12, 1)$
$373: P_{13638} = (5, 9, 12, 1)$
$374: P_{13688} = (23, 10, 12, 1)$
$375: P_{13722} = (25, 11, 12, 1)$
$376: P_{13734} = (5, 12, 12, 1)$
$377: P_{13833} = (8, 15, 12, 1)$

$378: P_{13834} = (9, 15, 12, 1)$
$379: P_{13837} = (12, 15, 12, 1)$
$380: P_{13934} = (13, 18, 12, 1)$
$381: P_{13946} = (25, 18, 12, 1)$
$382: P_{13985} = (0, 20, 12, 1)$
$383: P_{14038} = (21, 21, 12, 1)$
$384: P_{14213} = (4, 27, 12, 1)$
$385: P_{14261} = (20, 28, 12, 1)$
$386: P_{14296} = (23, 29, 12, 1)$
$387: P_{14335} = (30, 30, 12, 1)$
$388: P_{14341} = (4, 31, 12, 1)$
$389: P_{14350} = (13, 31, 12, 1)$
$390: P_{14395} = (26, 0, 13, 1)$
$391: P_{14450} = (17, 2, 13, 1)$
$392: P_{14475} = (10, 3, 13, 1)$
$393: P_{14505} = (8, 4, 13, 1)$
$394: P_{14549} = (20, 5, 13, 1)$
$395: P_{14561} = (0, 6, 13, 1)$
$396: P_{14605} = (12, 7, 13, 1)$
$397: P_{14618} = (25, 7, 13, 1)$
$398: P_{14667} = (10, 9, 13, 1)$
$399: P_{14713} = (24, 10, 13, 1)$
$400: P_{14725} = (4, 11, 13, 1)$
$401: P_{14733} = (12, 11, 13, 1)$
$402: P_{14761} = (8, 12, 13, 1)$
$403: P_{14815} = (30, 13, 13, 1)$
$404: P_{14853} = (4, 15, 13, 1)$
$405: P_{14868} = (19, 15, 13, 1)$
$406: P_{14876} = (27, 15, 13, 1)$
$407: P_{14884} = (3, 16, 13, 1)$
$408: P_{14933} = (20, 17, 13, 1)$
$409: P_{14969} = (24, 18, 13, 1)$
$410: P_{14980} = (3, 19, 13, 1)$
$411: P_{14994} = (17, 19, 13, 1)$
$412: P_{15007} = (30, 19, 13, 1)$
$413: P_{15036} = (27, 20, 13, 1)$
$414: P_{15144} = (7, 24, 13, 1)$
$415: P_{15227} = (26, 26, 13, 1)$
$416: P_{15284} = (19, 28, 13, 1)$
$417: P_{15354} = (25, 30, 13, 1)$
$418: P_{15368} = (7, 31, 13, 1)$
$419: P_{15485} = (28, 2, 14, 1)$
$420: P_{15497} = (8, 3, 14, 1)$
$421: P_{15515} = (26, 3, 14, 1)$
$422: P_{15518} = (29, 3, 14, 1)$
$423: P_{15531} = (10, 4, 14, 1)$
$424: P_{15548} = (27, 4, 14, 1)$
$425: P_{15551} = (30, 4, 14, 1)$
$426: P_{15610} = (25, 6, 14, 1)$
$427: P_{15669} = (20, 8, 14, 1)$
$428: P_{15729} = (16, 10, 14, 1)$
$429: P_{15753} = (8, 11, 14, 1)$
$430: P_{15830} = (21, 13, 14, 1)$
$431: P_{15851} = (10, 14, 14, 1)$

$432: P_{15859} = (18, 14, 14, 1)$
$433: P_{15864} = (23, 14, 14, 1)$
$434: P_{15919} = (14, 16, 14, 1)$
$435: P_{15982} = (13, 18, 14, 1)$
$436: P_{16036} = (3, 20, 14, 1)$
$437: P_{16074} = (9, 21, 14, 1)$
$438: P_{16129} = (0, 23, 14, 1)$
$439: P_{16132} = (3, 23, 14, 1)$
$440: P_{16141} = (12, 23, 14, 1)$
$441: P_{16182} = (21, 24, 14, 1)$
$442: P_{16195} = (2, 25, 14, 1)$
$443: P_{16216} = (23, 25, 14, 1)$
$444: P_{16219} = (26, 25, 14, 1)$
$445: P_{16226} = (1, 26, 14, 1)$
$446: P_{16241} = (16, 26, 14, 1)$
$447: P_{16255} = (30, 26, 14, 1)$
$448: P_{16258} = (1, 27, 14, 1)$
$449: P_{16259} = (2, 27, 14, 1)$
$450: P_{16269} = (12, 27, 14, 1)$
$451: P_{16298} = (9, 28, 14, 1)$
$452: P_{16307} = (18, 28, 14, 1)$
$453: P_{16309} = (20, 28, 14, 1)$
$454: P_{16367} = (14, 30, 14, 1)$
$455: P_{16381} = (28, 30, 14, 1)$
$456: P_{16382} = (29, 30, 14, 1)$
$457: P_{16398} = (13, 31, 14, 1)$
$458: P_{16410} = (25, 31, 14, 1)$
$459: P_{16412} = (27, 31, 14, 1)$
$460: P_{16419} = (2, 0, 15, 1)$
$461: P_{16483} = (2, 2, 15, 1)$
$462: P_{16525} = (12, 3, 15, 1)$
$463: P_{16542} = (29, 3, 15, 1)$
$464: P_{16544} = (31, 3, 15, 1)$
$465: P_{16572} = (27, 4, 15, 1)$
$466: P_{16637} = (28, 6, 15, 1)$
$467: P_{16656} = (15, 7, 15, 1)$
$468: P_{16688} = (15, 8, 15, 1)$
$469: P_{16758} = (21, 10, 15, 1)$
$470: P_{16826} = (25, 12, 15, 1)$
$471: P_{16895} = (30, 14, 15, 1)$
$472: P_{16909} = (12, 15, 15, 1)$
$473: P_{16959} = (30, 16, 15, 1)$
$474: P_{17035} = (10, 19, 15, 1)$
$475: P_{17114} = (25, 21, 15, 1)$
$476: P_{17188} = (3, 24, 15, 1)$
$477: P_{17227} = (10, 25, 15, 1)$
$478: P_{17277} = (28, 26, 15, 1)$
$479: P_{17284} = (3, 27, 15, 1)$
$480: P_{17344} = (31, 28, 15, 1)$
$481: P_{17406} = (29, 30, 15, 1)$
$482: P_{17409} = (0, 31, 15, 1)$
$483: P_{17430} = (21, 31, 15, 1)$
$484: P_{17436} = (27, 31, 15, 1)$
$485: P_{17453} = (12, 0, 16, 1)$

$486: P_{17524} = (19, 2, 16, 1)$

$487: P_{17543} = (6, 3, 16, 1)$

$488: P_{17595} = (26, 4, 16, 1)$

$489: P_{17607} = (6, 5, 16, 1)$

$490: P_{17646} = (13, 6, 16, 1)$

$491: P_{17720} = (23, 8, 16, 1)$

$492: P_{17731} = (2, 9, 16, 1)$

$493: P_{17746} = (17, 9, 16, 1)$

$494: P_{17795} = (2, 11, 16, 1)$

$495: P_{17806} = (13, 11, 16, 1)$

$496: P_{17823} = (30, 11, 16, 1)$

$497: P_{17837} = (12, 12, 16, 1)$

$498: P_{17911} = (22, 14, 16, 1)$

$499: P_{17945} = (24, 15, 16, 1)$

$500: P_{17967} = (14, 16, 16, 1)$

$501: P_{18004} = (19, 17, 16, 1)$

$502: P_{18025} = (8, 18, 16, 1)$

$503: P_{18143} = (30, 21, 16, 1)$

$504: P_{18201} = (24, 23, 16, 1)$

$505: P_{18226} = (17, 24, 16, 1)$

$506: P_{18231} = (22, 24, 16, 1)$

$507: P_{18241} = (0, 25, 16, 1)$

$508: P_{18281} = (8, 26, 16, 1)$

$509: P_{18310} = (5, 27, 16, 1)$

$510: P_{18406} = (5, 30, 16, 1)$

$511: P_{18415} = (14, 30, 16, 1)$

$512: P_{18427} = (26, 30, 16, 1)$

$513: P_{18456} = (23, 31, 16, 1)$

$514: P_{18472} = (7, 0, 17, 1)$

$515: P_{18479} = (14, 0, 17, 1)$

$516: P_{18490} = (25, 0, 17, 1)$

$517: P_{18556} = (27, 2, 17, 1)$

$518: P_{18657} = (0, 6, 17, 1)$

$519: P_{18696} = (7, 7, 17, 1)$

$520: P_{18749} = (28, 8, 17, 1)$

$521: P_{18775} = (22, 9, 17, 1)$

$522: P_{18834} = (17, 11, 17, 1)$

$523: P_{18835} = (18, 11, 17, 1)$

$524: P_{18836} = (19, 11, 17, 1)$

$525: P_{18883} = (2, 13, 17, 1)$

$526: P_{18927} = (14, 14, 17, 1)$

$527: P_{18947} = (2, 15, 17, 1)$

$528: P_{18961} = (16, 15, 17, 1)$

$529: P_{19012} = (3, 17, 17, 1)$

$530: P_{19044} = (3, 18, 17, 1)$

$531: P_{19079} = (6, 19, 17, 1)$

$532: P_{19133} = (28, 20, 17, 1)$

$533: P_{19143} = (6, 21, 17, 1)$

$534: P_{19252} = (19, 24, 17, 1)$

$535: P_{19283} = (18, 25, 17, 1)$

$536: P_{19290} = (25, 25, 17, 1)$

$537: P_{19292} = (27, 25, 17, 1)$

$538: P_{19314} = (17, 26, 17, 1)$

$539: P_{19473} = (16, 31, 17, 1)$

$540: P_{19479} = (22, 31, 17, 1)$

$541: P_{19505} = (16, 0, 18, 1)$

$542: P_{19605} = (20, 3, 18, 1)$

$543: P_{19634} = (17, 4, 18, 1)$

$544: P_{19673} = (24, 5, 18, 1)$

$545: P_{19770} = (25, 8, 18, 1)$

$546: P_{19777} = (0, 9, 18, 1)$

$547: P_{19781} = (4, 9, 18, 1)$

$548: P_{19800} = (23, 9, 18, 1)$

$549: P_{19839} = (30, 10, 18, 1)$

$550: P_{19909} = (4, 13, 18, 1)$

$551: P_{19955} = (18, 14, 18, 1)$

$552: P_{20017} = (16, 16, 18, 1)$

$553: P_{20036} = (3, 17, 18, 1)$

$554: P_{20042} = (9, 17, 18, 1)$

$555: P_{20058} = (25, 17, 18, 1)$

$556: P_{20068} = (3, 18, 18, 1)$

$557: P_{20105} = (8, 19, 18, 1)$

$558: P_{20159} = (30, 20, 18, 1)$

$559: P_{20178} = (17, 21, 18, 1)$

$560: P_{20245} = (20, 23, 18, 1)$

$561: P_{20266} = (9, 24, 18, 1)$

$562: P_{20361} = (8, 27, 18, 1)$

$563: P_{20403} = (18, 28, 18, 1)$

$564: P_{20441} = (24, 29, 18, 1)$

$565: P_{20472} = (23, 30, 18, 1)$

$566: P_{20600} = (23, 2, 19, 1)$

$567: P_{20642} = (1, 4, 19, 1)$

$568: P_{20644} = (3, 4, 19, 1)$

$569: P_{20657} = (16, 4, 19, 1)$

$570: P_{20674} = (1, 5, 19, 1)$

$571: P_{20681} = (8, 5, 19, 1)$

$572: P_{20700} = (27, 5, 19, 1)$

$573: P_{20737} = (0, 7, 19, 1)$

$574: P_{20740} = (3, 7, 19, 1)$

$575: P_{20754} = (17, 7, 19, 1)$

$576: P_{20788} = (19, 8, 19, 1)$

$577: P_{20793} = (24, 8, 19, 1)$

$578: P_{20794} = (25, 8, 19, 1)$

$579: P_{20803} = (2, 9, 19, 1)$

$580: P_{20805} = (4, 9, 19, 1)$

$581: P_{20821} = (20, 9, 19, 1)$

$582: P_{20867} = (2, 11, 19, 1)$

$583: P_{20933} = (4, 13, 19, 1)$

$584: P_{20937} = (8, 13, 19, 1)$

$585: P_{20959} = (30, 13, 19, 1)$

$586: P_{20983} = (22, 14, 19, 1)$

$587: P_{21049} = (24, 16, 19, 1)$

$588: P_{21062} = (5, 17, 19, 1)$

$589: P_{21071} = (14, 17, 19, 1)$

$590: P_{21082} = (25, 17, 19, 1)$

$591: P_{21128} = (7, 19, 19, 1)$

$592: P_{21132} = (11, 19, 19, 1)$

$593: P_{21151} = (30, 19, 19, 1)$

$594: P_{21158} = (5, 20, 19, 1)$

$595: P_{21160} = (7, 20, 19, 1)$

$596: P_{21169} = (16, 20, 19, 1)$

$597: P_{21208} = (23, 21, 19, 1)$

$598: P_{21234} = (17, 22, 19, 1)$

$599: P_{21264} = (15, 23, 19, 1)$

$600: P_{21292} = (11, 24, 19, 1)$

$601: P_{21296} = (15, 24, 19, 1)$

$602: P_{21303} = (22, 24, 19, 1)$

$603: P_{21396} = (19, 27, 19, 1)$

$604: P_{21461} = (20, 29, 19, 1)$

$605: P_{21500} = (27, 30, 19, 1)$

$606: P_{21519} = (14, 31, 19, 1)$

$607: P_{21676} = (11, 4, 20, 1)$

$608: P_{21699} = (2, 5, 20, 1)$

$609: P_{21709} = (12, 5, 20, 1)$

$610: P_{21724} = (27, 5, 20, 1)$

$611: P_{21738} = (9, 6, 20, 1)$

$612: P_{21763} = (2, 7, 20, 1)$

$613: P_{21794} = (1, 8, 20, 1)$

$614: P_{21826} = (1, 9, 20, 1)$

$615: P_{21837} = (12, 9, 20, 1)$

$616: P_{21849} = (24, 9, 20, 1)$

$617: P_{21879} = (22, 10, 20, 1)$

$618: P_{21895} = (6, 11, 20, 1)$

$619: P_{21952} = (31, 12, 20, 1)$

$620: P_{21959} = (6, 13, 20, 1)$

$621: P_{22026} = (9, 15, 20, 1)$

$622: P_{22028} = (11, 15, 20, 1)$

$623: P_{22040} = (23, 15, 20, 1)$

$624: P_{22054} = (5, 16, 20, 1)$

$625: P_{22105} = (24, 17, 20, 1)$

$626: P_{22152} = (7, 19, 20, 1)$

$627: P_{22158} = (13, 19, 20, 1)$

$628: P_{22176} = (31, 19, 20, 1)$

$629: P_{22184} = (7, 20, 20, 1)$

$630: P_{22214} = (5, 21, 20, 1)$

$631: P_{22328} = (23, 24, 20, 1)$

$632: P_{22369} = (0, 26, 20, 1)$

$633: P_{22455} = (22, 28, 20, 1)$

$634: P_{22468} = (3, 29, 20, 1)$

$635: P_{22500} = (3, 30, 20, 1)$

$636: P_{22510} = (13, 30, 20, 1)$

$637: P_{22524} = (27, 30, 20, 1)$

$638: P_{22570} = (9, 0, 21, 1)$

$639: P_{22574} = (13, 0, 21, 1)$

$640: P_{22577} = (16, 0, 21, 1)$

$641: P_{22667} = (10, 3, 21, 1)$

$642: P_{22692} = (3, 4, 21, 1)$

$643: P_{22738} = (17, 5, 21, 1)$

$644: P_{22746} = (25, 5, 21, 1)$

$645: P_{22749} = (28, 5, 21, 1)$

$646: P_{22788} = (3, 7, 21, 1)$

$647: P_{22838} = (21, 8, 21, 1)$

$648: P_{22858} = (9, 9, 21, 1)$

$649: P_{22859} = (10, 9, 21, 1)$

$650: P_{22872} = (23, 9, 21, 1)$

$651: P_{22912} = (31, 10, 21, 1)$

$652: P_{22937} = (24, 11, 21, 1)$

$653: P_{22990} = (13, 13, 21, 1)$

$654: P_{23071} = (30, 15, 21, 1)$

$655: P_{23089} = (16, 16, 21, 1)$

$656: P_{23107} = (2, 17, 21, 1)$

$657: P_{23113} = (8, 17, 21, 1)$

$658: P_{23135} = (30, 17, 21, 1)$

$659: P_{23152} = (15, 18, 21, 1)$

$660: P_{23171} = (2, 19, 21, 1)$

$661: P_{23183} = (14, 19, 21, 1)$

$662: P_{23193} = (24, 19, 21, 1)$

$663: P_{23218} = (17, 20, 21, 1)$

$664: P_{23264} = (31, 21, 21, 1)$

$665: P_{23361} = (0, 25, 21, 1)$

$666: P_{23369} = (8, 25, 21, 1)$

$667: P_{23389} = (28, 25, 21, 1)$

$668: P_{23482} = (25, 28, 21, 1)$

$669: P_{23503} = (14, 29, 21, 1)$

$670: P_{23504} = (15, 29, 21, 1)$

$671: P_{23510} = (21, 29, 21, 1)$

$672: P_{23544} = (23, 30, 21, 1)$

$673: P_{23678} = (29, 2, 22, 1)$

$674: P_{23690} = (9, 3, 22, 1)$

$675: P_{23745} = (0, 5, 22, 1)$

$676: P_{23843} = (2, 8, 22, 1)$

$677: P_{23845} = (4, 8, 22, 1)$

$678: P_{23858} = (17, 8, 22, 1)$

$679: P_{23907} = (2, 10, 22, 1)$

$680: P_{23914} = (9, 10, 22, 1)$

$681: P_{23933} = (28, 10, 22, 1)$

$682: P_{23972} = (3, 12, 22, 1)$

$683: P_{23973} = (4, 12, 22, 1)$

$684: P_{23985} = (16, 12, 22, 1)$

$685: P_{24032} = (31, 13, 22, 1)$

$686: P_{24034} = (1, 14, 22, 1)$

$687: P_{24066} = (1, 15, 22, 1)$

$688: P_{24068} = (3, 15, 22, 1)$

$689: P_{24086} = (21, 15, 22, 1)$

$690: P_{24168} = (7, 18, 22, 1)$

$691: P_{24176} = (15, 18, 22, 1)$

$692: P_{24192} = (31, 18, 22, 1)$

$693: P_{24264} = (7, 21, 22, 1)$

$694: P_{24317} = (28, 22, 22, 1)$

$695: P_{24333} = (12, 23, 22, 1)$

$696: P_{24359} = (6, 24, 22, 1)$

$697: P_{24402} = (17, 25, 22, 1)$

$698: P_{24438} = (21, 26, 22, 1)$

$699: P_{24461} = (12, 27, 22, 1)$

$700: P_{24497} = (16, 28, 22, 1)$

$701: P_{24528} = (15, 29, 22, 1)$

$702: P_{24551} = (6, 30, 22, 1)$
$703: P_{24606} = (29, 31, 22, 1)$
$704: P_{24611} = (2, 0, 23, 1)$
$705: P_{24624} = (15, 0, 23, 1)$
$706: P_{24636} = (27, 0, 23, 1)$
$707: P_{24675} = (2, 2, 23, 1)$
$708: P_{24872} = (7, 8, 23, 1)$
$709: P_{24945} = (16, 10, 23, 1)$
$710: P_{24948} = (19, 10, 23, 1)$
$711: P_{24950} = (21, 10, 23, 1)$
$712: P_{24979} = (18, 11, 23, 1)$
$713: P_{25013} = (20, 12, 23, 1)$
$714: P_{25017} = (24, 12, 23, 1)$
$715: P_{25019} = (26, 12, 23, 1)$
$716: P_{25042} = (17, 13, 23, 1)$
$717: P_{25080} = (23, 14, 23, 1)$
$718: P_{25096} = (7, 15, 23, 1)$
$719: P_{25104} = (15, 15, 23, 1)$
$720: P_{25119} = (30, 15, 23, 1)$
$721: P_{25183} = (30, 17, 23, 1)$
$722: P_{25193} = (8, 18, 23, 1)$
$723: P_{25249} = (0, 20, 23, 1)$
$724: P_{25263} = (14, 20, 23, 1)$
$725: P_{25273} = (24, 20, 23, 1)$
$726: P_{25339} = (26, 22, 23, 1)$
$727: P_{25354} = (9, 23, 23, 1)$
$728: P_{25397} = (20, 24, 23, 1)$
$729: P_{25427} = (18, 25, 23, 1)$
$730: P_{25428} = (19, 25, 23, 1)$
$731: P_{25432} = (23, 25, 23, 1)$
$732: P_{25449} = (8, 26, 23, 1)$
$733: P_{25455} = (14, 26, 23, 1)$
$734: P_{25457} = (16, 26, 23, 1)$
$735: P_{25500} = (27, 27, 23, 1)$
$736: P_{25522} = (17, 28, 23, 1)$
$737: P_{25578} = (9, 30, 23, 1)$
$738: P_{25622} = (21, 31, 23, 1)$
$739: P_{25635} = (2, 0, 24, 1)$
$740: P_{25637} = (4, 0, 24, 1)$
$741: P_{25664} = (31, 0, 24, 1)$
$742: P_{25699} = (2, 2, 24, 1)$
$743: P_{25739} = (10, 3, 24, 1)$
$744: P_{25742} = (13, 3, 24, 1)$
$745: P_{25759} = (30, 3, 24, 1)$
$746: P_{25765} = (4, 4, 24, 1)$
$747: P_{25833} = (8, 6, 24, 1)$
$748: P_{25834} = (9, 6, 24, 1)$
$749: P_{25849} = (24, 6, 24, 1)$
$750: P_{25886} = (29, 7, 24, 1)$
$751: P_{25931} = (10, 9, 24, 1)$
$752: P_{25974} = (21, 10, 24, 1)$
$753: P_{26036} = (19, 12, 24, 1)$
$754: P_{26089} = (8, 14, 24, 1)$
$755: P_{26094} = (13, 14, 24, 1)$

$756: P_{26109} = (28, 14, 24, 1)$
$757: P_{26122} = (9, 15, 24, 1)$
$758: P_{26237} = (28, 18, 24, 1)$
$759: P_{26252} = (11, 19, 24, 1)$
$760: P_{26381} = (12, 23, 24, 1)$
$761: P_{26412} = (11, 24, 24, 1)$
$762: P_{26436} = (3, 25, 24, 1)$
$763: P_{26468} = (3, 26, 24, 1)$
$764: P_{26472} = (7, 26, 24, 1)$
$765: P_{26494} = (29, 26, 24, 1)$
$766: P_{26509} = (12, 27, 24, 1)$
$767: P_{26561} = (0, 29, 24, 1)$
$768: P_{26568} = (7, 29, 24, 1)$
$769: P_{26591} = (30, 29, 24, 1)$
$770: P_{26617} = (24, 30, 24, 1)$
$771: P_{26644} = (19, 31, 24, 1)$
$772: P_{26646} = (21, 31, 24, 1)$
$773: P_{26656} = (31, 31, 24, 1)$
$774: P_{26747} = (26, 2, 25, 1)$
$775: P_{26781} = (28, 3, 25, 1)$
$776: P_{26807} = (22, 4, 25, 1)$
$777: P_{26828} = (11, 5, 25, 1)$
$778: P_{26861} = (12, 6, 25, 1)$
$779: P_{26901} = (20, 7, 25, 1)$
$780: P_{26963} = (18, 9, 25, 1)$
$781: P_{26966} = (21, 9, 25, 1)$
$782: P_{26976} = (31, 9, 25, 1)$
$783: P_{26981} = (4, 10, 25, 1)$
$784: P_{26989} = (12, 10, 25, 1)$
$785: P_{26993} = (16, 10, 25, 1)$
$786: P_{27109} = (4, 14, 25, 1)$
$787: P_{27116} = (11, 14, 25, 1)$
$788: P_{27128} = (23, 14, 25, 1)$
$789: P_{27201} = (0, 17, 25, 1)$
$790: P_{27255} = (22, 18, 25, 1)$
$791: P_{27285} = (20, 19, 25, 1)$
$792: P_{27392} = (31, 22, 25, 1)$
$793: P_{27406} = (13, 23, 25, 1)$
$794: P_{27451} = (26, 24, 25, 1)$
$795: P_{27480} = (23, 25, 25, 1)$
$796: P_{27494} = (5, 26, 25, 1)$
$797: P_{27502} = (13, 26, 25, 1)$
$798: P_{27505} = (16, 26, 25, 1)$
$799: P_{27539} = (18, 27, 25, 1)$
$800: P_{27574} = (21, 28, 25, 1)$
$801: P_{27618} = (1, 30, 25, 1)$
$802: P_{27650} = (1, 31, 25, 1)$
$803: P_{27654} = (5, 31, 25, 1)$
$804: P_{27677} = (28, 31, 25, 1)$
$805: P_{27700} = (19, 0, 26, 1)$
$806: P_{27701} = (20, 0, 26, 1)$
$807: P_{27709} = (28, 0, 26, 1)$
$808: P_{27761} = (16, 2, 26, 1)$
$809: P_{27867} = (26, 5, 26, 1)$

$810 : P_{27975} = (6, 9, 26, 1)$
$811 : P_{27996} = (27, 9, 26, 1)$
$812 : P_{28030} = (29, 10, 26, 1)$
$813 : P_{28050} = (17, 11, 26, 1)$
$814 : P_{28153} = (24, 14, 26, 1)$
$815 : P_{28167} = (6, 15, 26, 1)$
$816 : P_{28197} = (4, 16, 26, 1)$
$817 : P_{28273} = (16, 18, 26, 1)$
$818 : P_{28284} = (27, 18, 26, 1)$
$819 : P_{28308} = (19, 19, 26, 1)$
$820 : P_{28325} = (4, 20, 26, 1)$
$821 : P_{28332} = (11, 20, 26, 1)$
$822 : P_{28341} = (20, 20, 26, 1)$
$823 : P_{28363} = (10, 21, 26, 1)$
$824 : P_{28409} = (24, 22, 26, 1)$
$825 : P_{28446} = (29, 23, 26, 1)$
$826 : P_{28530} = (17, 26, 26, 1)$
$827 : P_{28605} = (28, 28, 26, 1)$
$828 : P_{28609} = (0, 29, 26, 1)$
$829 : P_{28683} = (10, 31, 26, 1)$
$830 : P_{28684} = (11, 31, 26, 1)$
$831 : P_{28699} = (26, 31, 26, 1)$
$832 : P_{28708} = (3, 0, 27, 1)$
$833 : P_{28804} = (3, 3, 27, 1)$
$834 : P_{28845} = (12, 4, 27, 1)$
$835 : P_{28879} = (14, 5, 27, 1)$
$836 : P_{28950} = (21, 7, 27, 1)$
$837 : P_{28966} = (5, 8, 27, 1)$
$838 : P_{28973} = (12, 8, 27, 1)$
$839 : P_{28980} = (19, 8, 27, 1)$
$840 : P_{29000} = (7, 9, 27, 1)$
$841 : P_{29071} = (14, 11, 27, 1)$
$842 : P_{29118} = (29, 12, 27, 1)$
$843 : P_{29126} = (5, 13, 27, 1)$
$844 : P_{29160} = (7, 14, 27, 1)$
$845 : P_{29201} = (16, 15, 27, 1)$
$846 : P_{29211} = (26, 15, 27, 1)$
$847 : P_{29227} = (10, 16, 27, 1)$
$848 : P_{29278} = (29, 17, 27, 1)$
$849 : P_{29302} = (21, 18, 27, 1)$
$850 : P_{29319} = (6, 19, 27, 1)$
$851 : P_{29345} = (0, 20, 27, 1)$
$852 : P_{29383} = (6, 21, 27, 1)$
$853 : P_{29403} = (26, 21, 27, 1)$
$854 : P_{29449} = (8, 23, 27, 1)$
$855 : P_{29547} = (10, 26, 27, 1)$
$856 : P_{29588} = (19, 27, 27, 1)$
$857 : P_{29635} = (2, 29, 27, 1)$
$858 : P_{29699} = (2, 31, 27, 1)$
$859 : P_{29705} = (8, 31, 27, 1)$
$860 : P_{29713} = (16, 31, 27, 1)$
$861 : P_{29740} = (11, 0, 28, 1)$
$862 : P_{29742} = (13, 0, 28, 1)$
$863 : P_{29756} = (27, 0, 28, 1)$

$864 : P_{29903} = (14, 5, 28, 1)$
$865 : P_{29921} = (0, 6, 28, 1)$
$866 : P_{29931} = (10, 6, 28, 1)$
$867 : P_{29944} = (23, 6, 28, 1)$
$868 : P_{29989} = (4, 8, 28, 1)$
$869 : P_{29992} = (7, 8, 28, 1)$
$870 : P_{30015} = (30, 8, 28, 1)$
$871 : P_{30048} = (31, 9, 28, 1)$
$872 : P_{30077} = (28, 10, 28, 1)$
$873 : P_{30092} = (11, 11, 28, 1)$
$874 : P_{30095} = (14, 11, 28, 1)$
$875 : P_{30105} = (24, 11, 28, 1)$
$876 : P_{30117} = (4, 12, 28, 1)$
$877 : P_{30123} = (10, 12, 28, 1)$
$878 : P_{30132} = (19, 12, 28, 1)$
$879 : P_{30158} = (13, 13, 28, 1)$
$880 : P_{30195} = (18, 14, 28, 1)$
$881 : P_{30216} = (7, 15, 28, 1)$
$882 : P_{30246} = (5, 16, 28, 1)$
$883 : P_{30279} = (6, 17, 28, 1)$
$884 : P_{30285} = (12, 17, 28, 1)$
$885 : P_{30296} = (23, 17, 28, 1)$
$886 : P_{30361} = (24, 19, 28, 1)$
$887 : P_{30406} = (5, 21, 28, 1)$
$888 : P_{30461} = (28, 22, 28, 1)$
$889 : P_{30463} = (30, 22, 28, 1)$
$890 : P_{30464} = (31, 22, 28, 1)$
$891 : P_{30471} = (6, 23, 28, 1)$
$892 : P_{30620} = (27, 27, 28, 1)$
$893 : P_{30643} = (18, 28, 28, 1)$
$894 : P_{30669} = (12, 29, 28, 1)$
$895 : P_{30740} = (19, 31, 28, 1)$
$896 : P_{30849} = (0, 3, 29, 1)$
$897 : P_{31001} = (24, 7, 29, 1)$
$898 : P_{31027} = (18, 8, 29, 1)$
$899 : P_{31030} = (21, 8, 29, 1)$
$900 : P_{31036} = (27, 8, 29, 1)$
$901 : P_{31074} = (1, 10, 29, 1)$
$902 : P_{31106} = (1, 11, 29, 1)$
$903 : P_{31112} = (7, 11, 29, 1)$
$904 : P_{31131} = (26, 11, 29, 1)$
$905 : P_{31144} = (7, 12, 29, 1)$
$906 : P_{31186} = (17, 13, 29, 1)$
$907 : P_{31226} = (25, 14, 29, 1)$
$908 : P_{31253} = (20, 15, 29, 1)$
$909 : P_{31280} = (15, 16, 29, 1)$
$910 : P_{31299} = (2, 17, 29, 1)$
$911 : P_{31301} = (4, 17, 29, 1)$
$912 : P_{31323} = (26, 17, 29, 1)$
$913 : P_{31363} = (2, 19, 29, 1)$
$914 : P_{31366} = (5, 19, 29, 1)$
$915 : P_{31388} = (27, 19, 29, 1)$
$916 : P_{31404} = (11, 20, 29, 1)$
$917 : P_{31429} = (4, 21, 29, 1)$

$918: P_{31462} = (5, 22, 29, 1)$
$919: P_{31514} = (25, 23, 29, 1)$
$920: P_{31603} = (18, 26, 29, 1)$
$921: P_{31637} = (20, 27, 29, 1)$
$922: P_{31666} = (17, 28, 29, 1)$
$923: P_{31702} = (21, 29, 29, 1)$
$924: P_{31756} = (11, 31, 29, 1)$
$925: P_{31760} = (15, 31, 29, 1)$
$926: P_{31769} = (24, 31, 29, 1)$
$927: P_{31842} = (1, 2, 30, 1)$
$928: P_{31845} = (4, 2, 30, 1)$
$929: P_{31867} = (26, 2, 30, 1)$
$930: P_{31874} = (1, 3, 30, 1)$
$931: P_{31886} = (13, 3, 30, 1)$
$932: P_{31892} = (19, 3, 30, 1)$
$933: P_{31928} = (23, 4, 30, 1)$
$934: P_{31940} = (3, 5, 30, 1)$
$935: P_{31947} = (10, 5, 30, 1)$
$936: P_{31959} = (22, 5, 30, 1)$
$937: P_{31972} = (3, 6, 30, 1)$
$938: P_{31973} = (4, 6, 30, 1)$
$939: P_{31993} = (24, 6, 30, 1)$
$940: P_{32029} = (28, 7, 30, 1)$
$941: P_{32092} = (27, 9, 30, 1)$
$942: P_{32126} = (29, 10, 30, 1)$
$943: P_{32223} = (30, 13, 30, 1)$
$944: P_{32238} = (13, 14, 30, 1)$
$945: P_{32267} = (10, 15, 30, 1)$
$946: P_{32291} = (2, 16, 30, 1)$
$947: P_{32303} = (14, 16, 30, 1)$
$948: P_{32308} = (19, 16, 30, 1)$
$949: P_{32355} = (2, 18, 30, 1)$
$950: P_{32359} = (6, 18, 30, 1)$
$951: P_{32380} = (27, 18, 30, 1)$
$952: P_{32407} = (22, 19, 30, 1)$
$953: P_{32408} = (23, 19, 30, 1)$
$954: P_{32415} = (30, 19, 30, 1)$
$955: P_{32423} = (6, 20, 30, 1)$

$956: P_{32522} = (9, 23, 30, 1)$
$957: P_{32524} = (11, 23, 30, 1)$
$958: P_{32542} = (29, 23, 30, 1)$
$959: P_{32545} = (0, 24, 30, 1)$
$960: P_{32550} = (5, 24, 30, 1)$
$961: P_{32571} = (26, 24, 30, 1)$
$962: P_{32669} = (28, 27, 30, 1)$
$963: P_{32684} = (11, 28, 30, 1)$
$964: P_{32710} = (5, 29, 30, 1)$
$965: P_{32746} = (9, 30, 30, 1)$
$966: P_{32751} = (14, 30, 30, 1)$
$967: P_{32761} = (24, 30, 30, 1)$
$968: P_{32805} = (4, 0, 31, 1)$
$969: P_{32870} = (5, 2, 31, 1)$
$970: P_{32920} = (23, 3, 31, 1)$
$971: P_{32933} = (4, 4, 31, 1)$
$972: P_{32979} = (18, 5, 31, 1)$
$973: P_{32983} = (22, 5, 31, 1)$
$974: P_{32987} = (26, 5, 31, 1)$
$975: P_{33007} = (14, 6, 31, 1)$
$976: P_{33030} = (5, 7, 31, 1)$
$977: P_{33071} = (14, 8, 31, 1)$
$978: P_{33152} = (31, 10, 31, 1)$
$979: P_{33236} = (19, 13, 31, 1)$
$980: P_{33277} = (28, 14, 31, 1)$
$981: P_{33315} = (2, 16, 31, 1)$
$982: P_{33377} = (0, 18, 31, 1)$
$983: P_{33379} = (2, 18, 31, 1)$
$984: P_{33405} = (28, 18, 31, 1)$
$985: P_{33431} = (22, 19, 31, 1)$
$986: P_{33464} = (23, 20, 31, 1)$
$987: P_{33504} = (31, 21, 31, 1)$
$988: P_{33555} = (18, 23, 31, 1)$
$989: P_{33639} = (6, 26, 31, 1)$
$990: P_{33703} = (6, 28, 31, 1)$
$991: P_{33780} = (19, 30, 31, 1)$
$992: P_{33819} = (26, 31, 31, 1)$

Line Intersection Graph

⌋

Neighbor sets in the line intersection graph:
The surface has 993 points:
The points on the surface are:

$0: P_1 = (0, 1, 0, 0)$
$1: P_{67} = (0, 1, 1, 0)$
$2: P_{121} = (22, 2, 1, 0)$
$3: P_{188} = (25, 4, 1, 0)$
$4: P_{256} = (29, 6, 1, 0)$
$5: P_{273} = (14, 7, 1, 0)$

$6: P_{337} = (14, 9, 1, 0)$
$7: P_{417} = (30, 11, 1, 0)$
$8: P_{471} = (20, 13, 1, 0)$
$9: P_{534} = (19, 15, 1, 0)$
$10: P_{553} = (6, 16, 1, 0)$
$11: P_{621} = (10, 18, 1, 0)$

$12: P_{697} = (22, 20, 1, 0)$
$13: P_{737} = (30, 21, 1, 0)$
$14: P_{745} = (6, 22, 1, 0)$
$15: P_{779} = (8, 23, 1, 0)$
$16: P_{813} = (10, 24, 1, 0)$
$17: P_{855} = (20, 25, 1, 0)$

$18: P_{928} = (29, 27, 1, 0)$

$19: P_{950} = (19, 28, 1, 0)$

$20: P_{988} = (25, 29, 1, 0)$

$21: P_{1035} = (8, 31, 1, 0)$

$22: P_{2082} = (0, 0, 1, 1)$

$23: P_{2158} = (13, 2, 1, 1)$

$24: P_{2192} = (15, 3, 1, 1)$

$25: P_{2195} = (18, 3, 1, 1)$

$26: P_{2206} = (29, 3, 1, 1)$

$27: P_{2236} = (27, 4, 1, 1)$

$28: P_{2250} = (9, 5, 1, 1)$

$29: P_{2263} = (22, 5, 1, 1)$

$30: P_{2272} = (31, 5, 1, 1)$

$31: P_{2362} = (25, 8, 1, 1)$

$32: P_{2373} = (4, 9, 1, 1)$

$33: P_{2407} = (6, 10, 1, 1)$

$34: P_{2449} = (16, 11, 1, 1)$

$35: P_{2471} = (6, 12, 1, 1)$

$36: P_{2474} = (9, 12, 1, 1)$

$37: P_{2480} = (15, 12, 1, 1)$

$38: P_{2501} = (4, 13, 1, 1)$

$39: P_{2549} = (20, 14, 1, 1)$

$40: P_{2574} = (13, 15, 1, 1)$

$41: P_{2595} = (2, 16, 1, 1)$

$42: P_{2636} = (11, 17, 1, 1)$

$43: P_{2643} = (18, 17, 1, 1)$

$44: P_{2650} = (25, 17, 1, 1)$

$45: P_{2659} = (2, 18, 1, 1)$

$46: P_{2711} = (22, 19, 1, 1)$

$47: P_{2924} = (11, 26, 1, 1)$

$48: P_{2933} = (20, 26, 1, 1)$

$49: P_{2944} = (31, 26, 1, 1)$

$50: P_{2961} = (16, 27, 1, 1)$

$51: P_{3070} = (29, 30, 1, 1)$

$52: P_{3100} = (27, 31, 1, 1)$

$53: P_{3110} = (5, 0, 2, 1)$

$54: P_{3177} = (8, 2, 2, 1)$

$55: P_{3215} = (14, 3, 2, 1)$

$56: P_{3270} = (5, 5, 2, 1)$

$57: P_{3381} = (20, 8, 2, 1)$

$58: P_{3421} = (28, 9, 2, 1)$

$59: P_{3433} = (8, 10, 2, 1)$

$60: P_{3442} = (17, 10, 2, 1)$

$61: P_{3451} = (26, 10, 2, 1)$

$62: P_{3478} = (21, 11, 2, 1)$

$63: P_{3511} = (22, 12, 2, 1)$

$64: P_{3535} = (14, 13, 2, 1)$

$65: P_{3615} = (30, 15, 2, 1)$

$66: P_{3643} = (26, 16, 2, 1)$

$67: P_{3679} = (30, 17, 2, 1)$

$68: P_{3685} = (4, 18, 2, 1)$

$69: P_{3691} = (10, 18, 2, 1)$

$70: P_{3694} = (13, 18, 2, 1)$

$71: P_{3805} = (28, 21, 2, 1)$

$72: P_{3813} = (4, 22, 2, 1)$

$73: P_{3883} = (10, 24, 2, 1)$

$74: P_{3959} = (22, 26, 2, 1)$

$75: P_{3986} = (17, 27, 2, 1)$

$76: P_{4004} = (3, 28, 2, 1)$

$77: P_{4021} = (20, 28, 2, 1)$

$78: P_{4033} = (0, 29, 2, 1)$

$79: P_{4086} = (21, 30, 2, 1)$

$80: P_{4100} = (3, 31, 2, 1)$

$81: P_{4110} = (13, 31, 2, 1)$

$82: P_{4137} = (8, 0, 3, 1)$

$83: P_{4152} = (23, 0, 3, 1)$

$84: P_{4158} = (29, 0, 3, 1)$

$85: P_{4237} = (12, 3, 3, 1)$

$86: P_{4270} = (13, 4, 3, 1)$

$87: P_{4393} = (8, 8, 3, 1)$

$88: P_{4419} = (2, 9, 3, 1)$

$89: P_{4430} = (13, 9, 3, 1)$

$90: P_{4483} = (2, 11, 3, 1)$

$91: P_{4501} = (20, 11, 3, 1)$

$92: P_{4561} = (16, 13, 3, 1)$

$93: P_{4599} = (22, 14, 3, 1)$

$94: P_{4621} = (12, 15, 3, 1)$

$95: P_{4676} = (3, 17, 3, 1)$

$96: P_{4708} = (3, 18, 3, 1)$

$97: P_{4719} = (14, 18, 3, 1)$

$98: P_{4720} = (15, 18, 3, 1)$

$99: P_{4833} = (0, 22, 3, 1)$

$100: P_{4888} = (23, 23, 3, 1)$

$101: P_{4919} = (22, 24, 3, 1)$

$102: P_{4936} = (7, 25, 3, 1)$

$103: P_{5039} = (14, 28, 3, 1)$

$104: P_{5072} = (15, 29, 3, 1)$

$105: P_{5073} = (16, 29, 3, 1)$

$106: P_{5086} = (29, 29, 3, 1)$

$107: P_{5096} = (7, 30, 3, 1)$

$108: P_{5141} = (20, 31, 3, 1)$

$109: P_{5170} = (17, 0, 4, 1)$

$110: P_{5229} = (12, 2, 4, 1)$

$111: P_{5274} = (25, 3, 4, 1)$

$112: P_{5291} = (10, 4, 4, 1)$

$113: P_{5343} = (30, 5, 4, 1)$

$114: P_{5391} = (14, 7, 4, 1)$

$115: P_{5455} = (14, 9, 4, 1)$

$116: P_{5457} = (16, 9, 4, 1)$

$117: P_{5468} = (27, 9, 4, 1)$

$118: P_{5502} = (29, 10, 4, 1)$

$119: P_{5528} = (23, 11, 4, 1)$

$120: P_{5556} = (19, 12, 4, 1)$

$121: P_{5572} = (3, 13, 4, 1)$

$122: P_{5604} = (3, 14, 4, 1)$

$123: P_{5611} = (10, 14, 4, 1)$

$124: P_{5613} = (12, 14, 4, 1)$

$125: P_{5661} = (28, 15, 4, 1)$

$126: P_{5714} = (17, 17, 4, 1)$

$127: P_{5734} = (5, 18, 4, 1)$

$128: P_{5756} = (27, 18, 4, 1)$

$129: P_{5789} = (28, 19, 4, 1)$

$130: P_{5857} = (0, 22, 4, 1)$

$131: P_{5894} = (5, 23, 4, 1)$

$132: P_{5918} = (29, 23, 4, 1)$

$133: P_{5969} = (16, 25, 4, 1)$

$134: P_{6010} = (25, 26, 4, 1)$

$135: P_{6047} = (30, 27, 4, 1)$

$136: P_{6072} = (23, 28, 4, 1)$

$137: P_{6164} = (19, 31, 4, 1)$

$138: P_{6187} = (10, 0, 5, 1)$

$139: P_{6199} = (22, 0, 5, 1)$

$140: P_{6201} = (24, 0, 5, 1)$

$141: P_{6363} = (26, 5, 5, 1)$

$142: P_{6390} = (21, 6, 5, 1)$

$143: P_{6426} = (25, 7, 5, 1)$

$144: P_{6470} = (5, 9, 5, 1)$

$145: P_{6495} = (30, 9, 5, 1)$

$146: P_{6496} = (31, 9, 5, 1)$

$147: P_{6507} = (10, 10, 5, 1)$

$148: P_{6533} = (4, 11, 5, 1)$

$149: P_{6556} = (27, 11, 5, 1)$

$150: P_{6566} = (5, 12, 5, 1)$

$151: P_{6661} = (4, 15, 5, 1)$

$152: P_{6686} = (29, 15, 5, 1)$

$153: P_{6716} = (27, 16, 5, 1)$

$154: P_{6782} = (29, 18, 5, 1)$

$155: P_{6806} = (21, 19, 5, 1)$

$156: P_{6894} = (13, 22, 5, 1)$

$157: P_{6903} = (22, 22, 5, 1)$

$158: P_{6912} = (31, 22, 5, 1)$

$159: P_{6943} = (30, 23, 5, 1)$

$160: P_{6969} = (24, 24, 5, 1)$

$161: P_{6977} = (0, 25, 5, 1)$

$162: P_{7054} = (13, 27, 5, 1)$

$163: P_{7162} = (25, 30, 5, 1)$

$164: P_{7195} = (26, 31, 5, 1)$

$165: P_{7274} = (9, 2, 6, 1)$

$166: P_{7310} = (13, 3, 6, 1)$

$167: P_{7314} = (17, 3, 6, 1)$

$168: P_{7324} = (27, 3, 6, 1)$

$169: P_{7332} = (3, 4, 6, 1)$

$170: P_{7384} = (23, 5, 6, 1)$

$171: P_{7417} = (24, 6, 6, 1)$

$172: P_{7428} = (3, 7, 6, 1)$

$173: P_{7486} = (29, 8, 6, 1)$

$174: P_{7514} = (25, 9, 6, 1)$

$175: P_{7562} = (9, 11, 6, 1)$

$176: P_{7571} = (18, 11, 6, 1)$

$177: P_{7581} = (28, 11, 6, 1)$

$178: P_{7585} = (0, 12, 6, 1)$

$179: P_{7662} = (13, 14, 6, 1)$

$180: P_{7665} = (16, 14, 6, 1)$
$181: P_{7675} = (26, 14, 6, 1)$
$182: P_{7738} = (25, 16, 6, 1)$
$183: P_{7760} = (15, 17, 6, 1)$
$184: P_{7778} = (1, 18, 6, 1)$
$185: P_{7794} = (17, 18, 6, 1)$
$186: P_{7800} = (23, 18, 6, 1)$
$187: P_{7810} = (1, 19, 6, 1)$
$188: P_{7867} = (26, 20, 6, 1)$
$189: P_{7902} = (29, 21, 6, 1)$
$190: P_{7965} = (28, 23, 6, 1)$
$191: P_{7996} = (27, 24, 6, 1)$
$192: P_{8019} = (18, 25, 6, 1)$
$193: P_{8176} = (15, 30, 6, 1)$
$194: P_{8177} = (16, 30, 6, 1)$
$195: P_{8185} = (24, 30, 6, 1)$
$196: P_{8229} = (4, 0, 7, 1)$
$197: P_{8241} = (16, 0, 7, 1)$
$198: P_{8243} = (18, 0, 7, 1)$
$199: P_{8315} = (26, 2, 7, 1)$
$200: P_{8326} = (5, 3, 7, 1)$
$201: P_{8342} = (21, 3, 7, 1)$
$202: P_{8343} = (22, 3, 7, 1)$
$203: P_{8357} = (4, 4, 7, 1)$
$204: P_{8399} = (14, 5, 7, 1)$
$205: P_{8404} = (19, 5, 7, 1)$
$206: P_{8412} = (27, 5, 7, 1)$
$207: P_{8422} = (5, 6, 7, 1)$
$208: P_{8464} = (15, 7, 7, 1)$
$209: P_{8496} = (15, 8, 7, 1)$
$210: P_{8536} = (23, 9, 7, 1)$
$211: P_{8591} = (14, 11, 7, 1)$
$212: P_{8701} = (28, 14, 7, 1)$
$213: P_{8753} = (16, 16, 7, 1)$
$214: P_{8809} = (8, 18, 7, 1)$
$215: P_{8819} = (18, 18, 7, 1)$
$216: P_{8829} = (28, 18, 7, 1)$
$217: P_{8840} = (7, 19, 7, 1)$
$218: P_{8872} = (7, 20, 7, 1)$
$219: P_{8875} = (10, 20, 7, 1)$
$220: P_{8876} = (11, 20, 7, 1)$
$221: P_{8919} = (22, 21, 7, 1)$
$222: P_{8929} = (0, 22, 7, 1)$
$223: P_{8948} = (19, 22, 7, 1)$
$224: P_{8950} = (21, 22, 7, 1)$
$225: P_{9019} = (26, 24, 7, 1)$
$226: P_{9065} = (8, 26, 7, 1)$
$227: P_{9195} = (10, 30, 7, 1)$
$228: P_{9208} = (23, 30, 7, 1)$
$229: P_{9212} = (27, 30, 7, 1)$
$230: P_{9228} = (11, 31, 7, 1)$
$231: P_{9321} = (8, 2, 8, 1)$
$232: P_{9401} = (24, 4, 8, 1)$
$233: P_{9488} = (15, 7, 8, 1)$

$234: P_{9498} = (25, 7, 8, 1)$
$235: P_{9504} = (31, 7, 8, 1)$
$236: P_{9520} = (15, 8, 8, 1)$
$237: P_{9524} = (19, 8, 8, 1)$
$238: P_{9526} = (21, 8, 8, 1)$
$239: P_{9575} = (6, 10, 8, 1)$
$240: P_{9576} = (7, 10, 8, 1)$
$241: P_{9577} = (8, 10, 8, 1)$
$242: P_{9605} = (4, 11, 8, 1)$
$243: P_{9617} = (16, 11, 8, 1)$
$244: P_{9630} = (29, 11, 8, 1)$
$245: P_{9639} = (6, 12, 8, 1)$
$246: P_{9650} = (17, 12, 8, 1)$
$247: P_{9663} = (30, 12, 8, 1)$
$248: P_{9672} = (7, 13, 8, 1)$
$249: P_{9733} = (4, 15, 8, 1)$
$250: P_{9762} = (1, 16, 8, 1)$
$251: P_{9766} = (5, 16, 8, 1)$
$252: P_{9774} = (13, 16, 8, 1)$
$253: P_{9794} = (1, 17, 8, 1)$
$254: P_{9795} = (2, 17, 8, 1)$
$255: P_{9803} = (10, 17, 8, 1)$
$256: P_{9855} = (30, 18, 8, 1)$
$257: P_{9859} = (2, 19, 8, 1)$
$258: P_{9921} = (0, 21, 8, 1)$
$259: P_{9926} = (5, 21, 8, 1)$
$260: P_{9933} = (12, 21, 8, 1)$
$261: P_{9982} = (29, 22, 8, 1)$
$262: P_{10048} = (31, 24, 8, 1)$
$263: P_{10061} = (12, 25, 8, 1)$
$264: P_{10123} = (10, 27, 8, 1)$
$265: P_{10129} = (16, 27, 8, 1)$
$266: P_{10132} = (19, 27, 8, 1)$
$267: P_{10169} = (24, 28, 8, 1)$
$268: P_{10190} = (13, 29, 8, 1)$
$269: P_{10194} = (17, 29, 8, 1)$
$270: P_{10198} = (21, 29, 8, 1)$
$271: P_{10234} = (25, 30, 8, 1)$
$272: P_{10286} = (13, 0, 9, 1)$
$273: P_{10347} = (10, 2, 9, 1)$
$274: P_{10462} = (29, 5, 9, 1)$
$275: P_{10508} = (11, 7, 9, 1)$
$276: P_{10539} = (10, 8, 9, 1)$
$277: P_{10566} = (5, 9, 9, 1)$
$278: P_{10599} = (6, 10, 9, 1)$
$279: P_{10625} = (0, 11, 9, 1)$
$280: P_{10641} = (16, 11, 9, 1)$
$281: P_{10649} = (24, 11, 9, 1)$
$282: P_{10662} = (5, 12, 9, 1)$
$283: P_{10663} = (6, 12, 9, 1)$
$284: P_{10668} = (11, 12, 9, 1)$
$285: P_{10702} = (13, 13, 9, 1)$
$286: P_{10740} = (19, 14, 9, 1)$
$287: P_{10797} = (12, 16, 9, 1)$

$288: P_{10824} = (7, 17, 9, 1)$
$289: P_{10905} = (24, 19, 9, 1)$
$290: P_{10984} = (7, 22, 9, 1)$
$291: P_{11018} = (9, 23, 9, 1)$
$292: P_{11070} = (29, 24, 9, 1)$
$293: P_{11153} = (16, 27, 9, 1)$
$294: P_{11181} = (12, 28, 9, 1)$
$295: P_{11220} = (19, 29, 9, 1)$
$296: P_{11242} = (9, 30, 9, 1)$
$297: P_{11369} = (8, 2, 10, 1)$
$298: P_{11374} = (13, 2, 10, 1)$
$299: P_{11375} = (14, 2, 10, 1)$
$300: P_{11435} = (10, 4, 10, 1)$
$301: P_{11515} = (26, 6, 10, 1)$
$302: P_{11539} = (18, 7, 10, 1)$
$303: P_{11557} = (4, 8, 10, 1)$
$304: P_{11604} = (19, 9, 10, 1)$
$305: P_{11625} = (8, 10, 10, 1)$
$306: P_{11645} = (28, 10, 10, 1)$
$307: P_{11648} = (31, 10, 10, 1)$
$308: P_{11682} = (1, 12, 10, 1)$
$309: P_{11685} = (4, 12, 10, 1)$
$310: P_{11695} = (14, 12, 10, 1)$
$311: P_{11714} = (1, 13, 10, 1)$
$312: P_{11730} = (17, 13, 10, 1)$
$313: P_{11740} = (27, 13, 10, 1)$
$314: P_{11755} = (10, 14, 10, 1)$
$315: P_{11765} = (20, 14, 10, 1)$
$316: P_{11766} = (21, 14, 10, 1)$
$317: P_{11790} = (13, 15, 10, 1)$
$318: P_{11793} = (16, 15, 10, 1)$
$319: P_{11799} = (22, 15, 10, 1)$
$320: P_{11816} = (7, 16, 10, 1)$
$321: P_{11911} = (6, 19, 10, 1)$
$322: P_{11975} = (6, 21, 10, 1)$
$323: P_{11987} = (18, 21, 10, 1)$
$324: P_{12000} = (31, 21, 10, 1)$
$325: P_{12013} = (12, 22, 10, 1)$
$326: P_{12028} = (27, 22, 10, 1)$
$327: P_{12029} = (28, 22, 10, 1)$
$328: P_{12040} = (7, 23, 10, 1)$
$329: P_{12119} = (22, 25, 10, 1)$
$330: P_{12141} = (12, 26, 10, 1)$
$331: P_{12148} = (19, 26, 10, 1)$
$332: P_{12149} = (20, 26, 10, 1)$
$333: P_{12182} = (21, 27, 10, 1)$
$334: P_{12193} = (0, 28, 10, 1)$
$335: P_{12210} = (17, 28, 10, 1)$
$336: P_{12219} = (26, 28, 10, 1)$
$337: P_{12305} = (16, 31, 10, 1)$
$338: P_{12348} = (27, 0, 11, 1)$
$339: P_{12398} = (13, 2, 11, 1)$
$340: P_{12463} = (14, 4, 11, 1)$
$341: P_{12567} = (22, 7, 11, 1)$

$342: P_{12584} = (7, 8, 11, 1)$

$343: P_{12655} = (14, 10, 11, 1)$

$344: P_{12690} = (17, 11, 11, 1)$

$345: P_{12726} = (21, 12, 11, 1)$

$346: P_{12763} = (26, 13, 11, 1)$

$347: P_{12789} = (20, 14, 11, 1)$

$348: P_{12801} = (0, 15, 11, 1)$

$349: P_{12808} = (7, 15, 11, 1)$

$350: P_{12814} = (13, 15, 11, 1)$

$351: P_{12887} = (22, 17, 11, 1)$

$352: P_{12940} = (11, 19, 11, 1)$

$353: P_{13008} = (15, 21, 11, 1)$

$354: P_{13033} = (8, 22, 11, 1)$

$355: P_{13083} = (26, 23, 11, 1)$

$356: P_{13100} = (11, 24, 11, 1)$

$357: P_{13142} = (21, 25, 11, 1)$

$358: P_{13168} = (15, 26, 11, 1)$

$359: P_{13170} = (17, 26, 11, 1)$

$360: P_{13173} = (20, 26, 11, 1)$

$361: P_{13212} = (27, 27, 11, 1)$

$362: P_{13289} = (8, 30, 11, 1)$

$363: P_{13351} = (6, 0, 12, 1)$

$364: P_{13366} = (21, 0, 12, 1)$

$365: P_{13375} = (30, 0, 12, 1)$

$366: P_{13453} = (12, 3, 12, 1)$

$367: P_{13475} = (2, 4, 12, 1)$

$368: P_{13539} = (2, 6, 12, 1)$

$369: P_{13543} = (6, 6, 12, 1)$

$370: P_{13546} = (9, 6, 12, 1)$

$371: P_{13577} = (8, 7, 12, 1)$

$372: P_{13621} = (20, 8, 12, 1)$

$373: P_{13638} = (5, 9, 12, 1)$

$374: P_{13688} = (23, 10, 12, 1)$

$375: P_{13722} = (25, 11, 12, 1)$

$376: P_{13734} = (5, 12, 12, 1)$

$377: P_{13833} = (8, 15, 12, 1)$

$378: P_{13834} = (9, 15, 12, 1)$

$379: P_{13837} = (12, 15, 12, 1)$

$380: P_{13934} = (13, 18, 12, 1)$

$381: P_{13946} = (25, 18, 12, 1)$

$382: P_{13985} = (0, 20, 12, 1)$

$383: P_{14038} = (21, 21, 12, 1)$

$384: P_{14213} = (4, 27, 12, 1)$

$385: P_{14261} = (20, 28, 12, 1)$

$386: P_{14296} = (23, 29, 12, 1)$

$387: P_{14335} = (30, 30, 12, 1)$

$388: P_{14341} = (4, 31, 12, 1)$

$389: P_{14350} = (13, 31, 12, 1)$

$390: P_{14395} = (26, 0, 13, 1)$

$391: P_{14450} = (17, 2, 13, 1)$

$392: P_{14475} = (10, 3, 13, 1)$

$393: P_{14505} = (8, 4, 13, 1)$

$394: P_{14549} = (20, 5, 13, 1)$

$395: P_{14561} = (0, 6, 13, 1)$

$396: P_{14605} = (12, 7, 13, 1)$

$397: P_{14618} = (25, 7, 13, 1)$

$398: P_{14667} = (10, 9, 13, 1)$

$399: P_{14713} = (24, 10, 13, 1)$

$400: P_{14725} = (4, 11, 13, 1)$

$401: P_{14733} = (12, 11, 13, 1)$

$402: P_{14761} = (8, 12, 13, 1)$

$403: P_{14815} = (30, 13, 13, 1)$

$404: P_{14853} = (4, 15, 13, 1)$

$405: P_{14868} = (19, 15, 13, 1)$

$406: P_{14876} = (27, 15, 13, 1)$

$407: P_{14884} = (3, 16, 13, 1)$

$408: P_{14933} = (20, 17, 13, 1)$

$409: P_{14969} = (24, 18, 13, 1)$

$410: P_{14980} = (3, 19, 13, 1)$

$411: P_{14994} = (17, 19, 13, 1)$

$412: P_{15007} = (30, 19, 13, 1)$

$413: P_{15036} = (27, 20, 13, 1)$

$414: P_{15144} = (7, 24, 13, 1)$

$415: P_{15227} = (26, 26, 13, 1)$

$416: P_{15284} = (19, 28, 13, 1)$

$417: P_{15354} = (25, 30, 13, 1)$

$418: P_{15368} = (7, 31, 13, 1)$

$419: P_{15485} = (28, 2, 14, 1)$

$420: P_{15497} = (8, 3, 14, 1)$

$421: P_{15515} = (26, 3, 14, 1)$

$422: P_{15518} = (29, 3, 14, 1)$

$423: P_{15531} = (10, 4, 14, 1)$

$424: P_{15548} = (27, 4, 14, 1)$

$425: P_{15551} = (30, 4, 14, 1)$

$426: P_{15610} = (25, 6, 14, 1)$

$427: P_{15669} = (20, 8, 14, 1)$

$428: P_{15729} = (16, 10, 14, 1)$

$429: P_{15753} = (8, 11, 14, 1)$

$430: P_{15830} = (21, 13, 14, 1)$

$431: P_{15851} = (10, 14, 14, 1)$

$432: P_{15859} = (18, 14, 14, 1)$

$433: P_{15864} = (23, 14, 14, 1)$

$434: P_{15919} = (14, 16, 14, 1)$

$435: P_{15982} = (13, 18, 14, 1)$

$436: P_{16036} = (3, 20, 14, 1)$

$437: P_{16074} = (9, 21, 14, 1)$

$438: P_{16129} = (0, 23, 14, 1)$

$439: P_{16132} = (3, 23, 14, 1)$

$440: P_{16141} = (12, 23, 14, 1)$

$441: P_{16182} = (21, 24, 14, 1)$

$442: P_{16195} = (2, 25, 14, 1)$

$443: P_{16216} = (23, 25, 14, 1)$

$444: P_{16219} = (26, 25, 14, 1)$

$445: P_{16226} = (1, 26, 14, 1)$

$446: P_{16241} = (16, 26, 14, 1)$

$447: P_{16255} = (30, 26, 14, 1)$

$448: P_{16258} = (1, 27, 14, 1)$

$449: P_{16259} = (2, 27, 14, 1)$

$450: P_{16269} = (12, 27, 14, 1)$

$451: P_{16298} = (9, 28, 14, 1)$

$452: P_{16307} = (18, 28, 14, 1)$

$453: P_{16309} = (20, 28, 14, 1)$

$454: P_{16367} = (14, 30, 14, 1)$

$455: P_{16381} = (28, 30, 14, 1)$

$456: P_{16382} = (29, 30, 14, 1)$

$457: P_{16398} = (13, 31, 14, 1)$

$458: P_{16410} = (25, 31, 14, 1)$

$459: P_{16412} = (27, 31, 14, 1)$

$460: P_{16419} = (2, 0, 15, 1)$

$461: P_{16483} = (2, 2, 15, 1)$

$462: P_{16525} = (12, 3, 15, 1)$

$463: P_{16542} = (29, 3, 15, 1)$

$464: P_{16544} = (31, 3, 15, 1)$

$465: P_{16572} = (27, 4, 15, 1)$

$466: P_{16637} = (28, 6, 15, 1)$

$467: P_{16656} = (15, 7, 15, 1)$

$468: P_{16688} = (15, 8, 15, 1)$

$469: P_{16758} = (21, 10, 15, 1)$

$470: P_{16826} = (25, 12, 15, 1)$

$471: P_{16895} = (30, 14, 15, 1)$

$472: P_{16909} = (12, 15, 15, 1)$

$473: P_{16959} = (30, 16, 15, 1)$

$474: P_{17035} = (10, 19, 15, 1)$

$475: P_{17114} = (25, 21, 15, 1)$

$476: P_{17188} = (3, 24, 15, 1)$

$477: P_{17227} = (10, 25, 15, 1)$

$478: P_{17277} = (28, 26, 15, 1)$

$479: P_{17284} = (3, 27, 15, 1)$

$480: P_{17344} = (31, 28, 15, 1)$

$481: P_{17406} = (29, 30, 15, 1)$

$482: P_{17409} = (0, 31, 15, 1)$

$483: P_{17430} = (21, 31, 15, 1)$

$484: P_{17436} = (27, 31, 15, 1)$

$485: P_{17453} = (12, 0, 16, 1)$

$486: P_{17524} = (19, 2, 16, 1)$

$487: P_{17543} = (6, 3, 16, 1)$

$488: P_{17595} = (26, 4, 16, 1)$

$489: P_{17607} = (6, 5, 16, 1)$

$490: P_{17646} = (13, 6, 16, 1)$

$491: P_{17720} = (23, 8, 16, 1)$

$492: P_{17731} = (2, 9, 16, 1)$

$493: P_{17746} = (17, 9, 16, 1)$

$494: P_{17795} = (2, 11, 16, 1)$

$495: P_{17806} = (13, 11, 16, 1)$

$496: P_{17823} = (30, 11, 16, 1)$

$497: P_{17837} = (12, 12, 16, 1)$

$498: P_{17911} = (22, 14, 16, 1)$

$499: P_{17945} = (24, 15, 16, 1)$

$500: P_{17967} = (14, 16, 16, 1)$

$501: P_{18004} = (19, 17, 16, 1)$

$502: P_{18025} = (8, 18, 16, 1)$

$503: P_{18143} = (30, 21, 16, 1)$

$504 : P_{18201} = (24, 23, 16, 1)$
$505 : P_{18226} = (17, 24, 16, 1)$
$506 : P_{18231} = (22, 24, 16, 1)$
$507 : P_{18241} = (0, 25, 16, 1)$
$508 : P_{18281} = (8, 26, 16, 1)$
$509 : P_{18310} = (5, 27, 16, 1)$
$510 : P_{18406} = (5, 30, 16, 1)$
$511 : P_{18415} = (14, 30, 16, 1)$
$512 : P_{18427} = (26, 30, 16, 1)$
$513 : P_{18456} = (23, 31, 16, 1)$
$514 : P_{18472} = (7, 0, 17, 1)$
$515 : P_{18479} = (14, 0, 17, 1)$
$516 : P_{18490} = (25, 0, 17, 1)$
$517 : P_{18556} = (27, 2, 17, 1)$
$518 : P_{18657} = (0, 6, 17, 1)$
$519 : P_{18696} = (7, 7, 17, 1)$
$520 : P_{18749} = (28, 8, 17, 1)$
$521 : P_{18775} = (22, 9, 17, 1)$
$522 : P_{18834} = (17, 11, 17, 1)$
$523 : P_{18835} = (18, 11, 17, 1)$
$524 : P_{18836} = (19, 11, 17, 1)$
$525 : P_{18883} = (2, 13, 17, 1)$
$526 : P_{18927} = (14, 14, 17, 1)$
$527 : P_{18947} = (2, 15, 17, 1)$
$528 : P_{18961} = (16, 15, 17, 1)$
$529 : P_{19012} = (3, 17, 17, 1)$
$530 : P_{19044} = (3, 18, 17, 1)$
$531 : P_{19079} = (6, 19, 17, 1)$
$532 : P_{19133} = (28, 20, 17, 1)$
$533 : P_{19143} = (6, 21, 17, 1)$
$534 : P_{19252} = (19, 24, 17, 1)$
$535 : P_{19283} = (18, 25, 17, 1)$
$536 : P_{19290} = (25, 25, 17, 1)$
$537 : P_{19292} = (27, 25, 17, 1)$
$538 : P_{19314} = (17, 26, 17, 1)$
$539 : P_{19473} = (16, 31, 17, 1)$
$540 : P_{19479} = (22, 31, 17, 1)$
$541 : P_{19505} = (16, 0, 18, 1)$
$542 : P_{19605} = (20, 3, 18, 1)$
$543 : P_{19634} = (17, 4, 18, 1)$
$544 : P_{19673} = (24, 5, 18, 1)$
$545 : P_{19770} = (25, 8, 18, 1)$
$546 : P_{19777} = (0, 9, 18, 1)$
$547 : P_{19781} = (4, 9, 18, 1)$
$548 : P_{19800} = (23, 9, 18, 1)$
$549 : P_{19839} = (30, 10, 18, 1)$
$550 : P_{19909} = (4, 13, 18, 1)$
$551 : P_{19955} = (18, 14, 18, 1)$
$552 : P_{20017} = (16, 16, 18, 1)$
$553 : P_{20036} = (3, 17, 18, 1)$
$554 : P_{20042} = (9, 17, 18, 1)$
$555 : P_{20058} = (25, 17, 18, 1)$
$556 : P_{20068} = (3, 18, 18, 1)$
$557 : P_{20105} = (8, 19, 18, 1)$

$558 : P_{20159} = (30, 20, 18, 1)$
$559 : P_{20178} = (17, 21, 18, 1)$
$560 : P_{20245} = (20, 23, 18, 1)$
$561 : P_{20266} = (9, 24, 18, 1)$
$562 : P_{20361} = (8, 27, 18, 1)$
$563 : P_{20403} = (18, 28, 18, 1)$
$564 : P_{20441} = (24, 29, 18, 1)$
$565 : P_{20472} = (23, 30, 18, 1)$
$566 : P_{20600} = (23, 2, 19, 1)$
$567 : P_{20642} = (1, 4, 19, 1)$
$568 : P_{20644} = (3, 4, 19, 1)$
$569 : P_{20657} = (16, 4, 19, 1)$
$570 : P_{20674} = (1, 5, 19, 1)$
$571 : P_{20681} = (8, 5, 19, 1)$
$572 : P_{20700} = (27, 5, 19, 1)$
$573 : P_{20737} = (0, 7, 19, 1)$
$574 : P_{20740} = (3, 7, 19, 1)$
$575 : P_{20754} = (17, 7, 19, 1)$
$576 : P_{20788} = (19, 8, 19, 1)$
$577 : P_{20793} = (24, 8, 19, 1)$
$578 : P_{20794} = (25, 8, 19, 1)$
$579 : P_{20803} = (2, 9, 19, 1)$
$580 : P_{20805} = (4, 9, 19, 1)$
$581 : P_{20821} = (20, 9, 19, 1)$
$582 : P_{20867} = (2, 11, 19, 1)$
$583 : P_{20933} = (4, 13, 19, 1)$
$584 : P_{20937} = (8, 13, 19, 1)$
$585 : P_{20959} = (30, 13, 19, 1)$
$586 : P_{20983} = (22, 14, 19, 1)$
$587 : P_{21049} = (24, 16, 19, 1)$
$588 : P_{21062} = (5, 17, 19, 1)$
$589 : P_{21071} = (14, 17, 19, 1)$
$590 : P_{21082} = (25, 17, 19, 1)$
$591 : P_{21128} = (7, 19, 19, 1)$
$592 : P_{21132} = (11, 19, 19, 1)$
$593 : P_{21151} = (30, 19, 19, 1)$
$594 : P_{21158} = (5, 20, 19, 1)$
$595 : P_{21160} = (7, 20, 19, 1)$
$596 : P_{21169} = (16, 20, 19, 1)$
$597 : P_{21208} = (23, 21, 19, 1)$
$598 : P_{21234} = (17, 22, 19, 1)$
$599 : P_{21264} = (15, 23, 19, 1)$
$600 : P_{21292} = (11, 24, 19, 1)$
$601 : P_{21296} = (15, 24, 19, 1)$
$602 : P_{21303} = (22, 24, 19, 1)$
$603 : P_{21396} = (19, 27, 19, 1)$
$604 : P_{21461} = (20, 29, 19, 1)$
$605 : P_{21500} = (27, 30, 19, 1)$
$606 : P_{21519} = (14, 31, 19, 1)$
$607 : P_{21676} = (11, 4, 20, 1)$
$608 : P_{21699} = (2, 5, 20, 1)$
$609 : P_{21709} = (12, 5, 20, 1)$
$610 : P_{21724} = (27, 5, 20, 1)$
$611 : P_{21738} = (9, 6, 20, 1)$

$612 : P_{21763} = (2, 7, 20, 1)$
$613 : P_{21794} = (1, 8, 20, 1)$
$614 : P_{21826} = (1, 9, 20, 1)$
$615 : P_{21837} = (12, 9, 20, 1)$
$616 : P_{21849} = (24, 9, 20, 1)$
$617 : P_{21879} = (22, 10, 20, 1)$
$618 : P_{21895} = (6, 11, 20, 1)$
$619 : P_{21952} = (31, 12, 20, 1)$
$620 : P_{21959} = (6, 13, 20, 1)$
$621 : P_{22026} = (9, 15, 20, 1)$
$622 : P_{22028} = (11, 15, 20, 1)$
$623 : P_{22040} = (23, 15, 20, 1)$
$624 : P_{22054} = (5, 16, 20, 1)$
$625 : P_{22105} = (24, 17, 20, 1)$
$626 : P_{22152} = (7, 19, 20, 1)$
$627 : P_{22158} = (13, 19, 20, 1)$
$628 : P_{22176} = (31, 19, 20, 1)$
$629 : P_{22184} = (7, 20, 20, 1)$
$630 : P_{22214} = (5, 21, 20, 1)$
$631 : P_{22328} = (23, 24, 20, 1)$
$632 : P_{22369} = (0, 26, 20, 1)$
$633 : P_{22455} = (22, 28, 20, 1)$
$634 : P_{22468} = (3, 29, 20, 1)$
$635 : P_{22500} = (3, 30, 20, 1)$
$636 : P_{22510} = (13, 30, 20, 1)$
$637 : P_{22524} = (27, 30, 20, 1)$
$638 : P_{22570} = (9, 0, 21, 1)$
$639 : P_{22574} = (13, 0, 21, 1)$
$640 : P_{22577} = (16, 0, 21, 1)$
$641 : P_{22667} = (10, 3, 21, 1)$
$642 : P_{22692} = (3, 4, 21, 1)$
$643 : P_{22738} = (17, 5, 21, 1)$
$644 : P_{22746} = (25, 5, 21, 1)$
$645 : P_{22749} = (28, 5, 21, 1)$
$646 : P_{22788} = (3, 7, 21, 1)$
$647 : P_{22838} = (21, 8, 21, 1)$
$648 : P_{22858} = (9, 9, 21, 1)$
$649 : P_{22859} = (10, 9, 21, 1)$
$650 : P_{22872} = (23, 9, 21, 1)$
$651 : P_{22912} = (31, 10, 21, 1)$
$652 : P_{22937} = (24, 11, 21, 1)$
$653 : P_{22990} = (13, 13, 21, 1)$
$654 : P_{23071} = (30, 15, 21, 1)$
$655 : P_{23089} = (16, 16, 21, 1)$
$656 : P_{23107} = (2, 17, 21, 1)$
$657 : P_{23113} = (8, 17, 21, 1)$
$658 : P_{23135} = (30, 17, 21, 1)$
$659 : P_{23152} = (15, 18, 21, 1)$
$660 : P_{23171} = (2, 19, 21, 1)$
$661 : P_{23183} = (14, 19, 21, 1)$
$662 : P_{23193} = (24, 19, 21, 1)$
$663 : P_{23218} = (17, 20, 21, 1)$
$664 : P_{23264} = (31, 21, 21, 1)$
$665 : P_{23361} = (0, 25, 21, 1)$

$666: P_{23369} = (8, 25, 21, 1)$

$667: P_{23389} = (28, 25, 21, 1)$

$668: P_{23482} = (25, 28, 21, 1)$

$669: P_{23503} = (14, 29, 21, 1)$

$670: P_{23504} = (15, 29, 21, 1)$

$671: P_{23510} = (21, 29, 21, 1)$

$672: P_{23544} = (23, 30, 21, 1)$

$673: P_{23678} = (29, 2, 22, 1)$

$674: P_{23690} = (9, 3, 22, 1)$

$675: P_{23745} = (0, 5, 22, 1)$

$676: P_{23843} = (2, 8, 22, 1)$

$677: P_{23845} = (4, 8, 22, 1)$

$678: P_{23858} = (17, 8, 22, 1)$

$679: P_{23907} = (2, 10, 22, 1)$

$680: P_{23914} = (9, 10, 22, 1)$

$681: P_{23933} = (28, 10, 22, 1)$

$682: P_{23972} = (3, 12, 22, 1)$

$683: P_{23973} = (4, 12, 22, 1)$

$684: P_{23985} = (16, 12, 22, 1)$

$685: P_{24032} = (31, 13, 22, 1)$

$686: P_{24034} = (1, 14, 22, 1)$

$687: P_{24066} = (1, 15, 22, 1)$

$688: P_{24068} = (3, 15, 22, 1)$

$689: P_{24086} = (21, 15, 22, 1)$

$690: P_{24168} = (7, 18, 22, 1)$

$691: P_{24176} = (15, 18, 22, 1)$

$692: P_{24192} = (31, 18, 22, 1)$

$693: P_{24264} = (7, 21, 22, 1)$

$694: P_{24317} = (28, 22, 22, 1)$

$695: P_{24333} = (12, 23, 22, 1)$

$696: P_{24359} = (6, 24, 22, 1)$

$697: P_{24402} = (17, 25, 22, 1)$

$698: P_{24438} = (21, 26, 22, 1)$

$699: P_{24461} = (12, 27, 22, 1)$

$700: P_{24497} = (16, 28, 22, 1)$

$701: P_{24528} = (15, 29, 22, 1)$

$702: P_{24551} = (6, 30, 22, 1)$

$703: P_{24606} = (29, 31, 22, 1)$

$704: P_{24611} = (2, 0, 23, 1)$

$705: P_{24624} = (15, 0, 23, 1)$

$706: P_{24636} = (27, 0, 23, 1)$

$707: P_{24675} = (2, 2, 23, 1)$

$708: P_{24872} = (7, 8, 23, 1)$

$709: P_{24945} = (16, 10, 23, 1)$

$710: P_{24948} = (19, 10, 23, 1)$

$711: P_{24950} = (21, 10, 23, 1)$

$712: P_{24979} = (18, 11, 23, 1)$

$713: P_{25013} = (20, 12, 23, 1)$

$714: P_{25017} = (24, 12, 23, 1)$

$715: P_{25019} = (26, 12, 23, 1)$

$716: P_{25042} = (17, 13, 23, 1)$

$717: P_{25080} = (23, 14, 23, 1)$

$718: P_{25096} = (7, 15, 23, 1)$

$719: P_{25104} = (15, 15, 23, 1)$

$720: P_{25119} = (30, 15, 23, 1)$

$721: P_{25183} = (30, 17, 23, 1)$

$722: P_{25193} = (8, 18, 23, 1)$

$723: P_{25249} = (0, 20, 23, 1)$

$724: P_{25263} = (14, 20, 23, 1)$

$725: P_{25273} = (24, 20, 23, 1)$

$726: P_{25339} = (26, 22, 23, 1)$

$727: P_{25354} = (9, 23, 23, 1)$

$728: P_{25397} = (20, 24, 23, 1)$

$729: P_{25427} = (18, 25, 23, 1)$

$730: P_{25428} = (19, 25, 23, 1)$

$731: P_{25432} = (23, 25, 23, 1)$

$732: P_{25449} = (8, 26, 23, 1)$

$733: P_{25455} = (14, 26, 23, 1)$

$734: P_{25457} = (16, 26, 23, 1)$

$735: P_{25500} = (27, 27, 23, 1)$

$736: P_{25522} = (17, 28, 23, 1)$

$737: P_{25578} = (9, 30, 23, 1)$

$738: P_{25622} = (21, 31, 23, 1)$

$739: P_{25635} = (2, 0, 24, 1)$

$740: P_{25637} = (4, 0, 24, 1)$

$741: P_{25664} = (31, 0, 24, 1)$

$742: P_{25699} = (2, 2, 24, 1)$

$743: P_{25739} = (10, 3, 24, 1)$

$744: P_{25742} = (13, 3, 24, 1)$

$745: P_{25759} = (30, 3, 24, 1)$

$746: P_{25765} = (4, 4, 24, 1)$

$747: P_{25833} = (8, 6, 24, 1)$

$748: P_{25834} = (9, 6, 24, 1)$

$749: P_{25849} = (24, 6, 24, 1)$

$750: P_{25886} = (29, 7, 24, 1)$

$751: P_{25931} = (10, 9, 24, 1)$

$752: P_{25974} = (21, 10, 24, 1)$

$753: P_{26036} = (19, 12, 24, 1)$

$754: P_{26089} = (8, 14, 24, 1)$

$755: P_{26094} = (13, 14, 24, 1)$

$756: P_{26109} = (28, 14, 24, 1)$

$757: P_{26122} = (9, 15, 24, 1)$

$758: P_{26237} = (28, 18, 24, 1)$

$759: P_{26252} = (11, 19, 24, 1)$

$760: P_{26381} = (12, 23, 24, 1)$

$761: P_{26412} = (11, 24, 24, 1)$

$762: P_{26436} = (3, 25, 24, 1)$

$763: P_{26468} = (3, 26, 24, 1)$

$764: P_{26472} = (7, 26, 24, 1)$

$765: P_{26494} = (29, 26, 24, 1)$

$766: P_{26509} = (12, 27, 24, 1)$

$767: P_{26561} = (0, 29, 24, 1)$

$768: P_{26568} = (7, 29, 24, 1)$

$769: P_{26591} = (30, 29, 24, 1)$

$770: P_{26617} = (24, 30, 24, 1)$

$771: P_{26644} = (19, 31, 24, 1)$

$772: P_{26646} = (21, 31, 24, 1)$

$773: P_{26656} = (31, 31, 24, 1)$

$774: P_{26747} = (26, 2, 25, 1)$

$775: P_{26781} = (28, 3, 25, 1)$

$776: P_{26807} = (22, 4, 25, 1)$

$777: P_{26828} = (11, 5, 25, 1)$

$778: P_{26861} = (12, 6, 25, 1)$

$779: P_{26901} = (20, 7, 25, 1)$

$780: P_{26963} = (18, 9, 25, 1)$

$781: P_{26966} = (21, 9, 25, 1)$

$782: P_{26976} = (31, 9, 25, 1)$

$783: P_{26981} = (4, 10, 25, 1)$

$784: P_{26989} = (12, 10, 25, 1)$

$785: P_{26993} = (16, 10, 25, 1)$

$786: P_{27109} = (4, 14, 25, 1)$

$787: P_{27116} = (11, 14, 25, 1)$

$788: P_{27128} = (23, 14, 25, 1)$

$789: P_{27201} = (0, 17, 25, 1)$

$790: P_{27255} = (22, 18, 25, 1)$

$791: P_{27285} = (20, 19, 25, 1)$

$792: P_{27392} = (31, 22, 25, 1)$

$793: P_{27406} = (13, 23, 25, 1)$

$794: P_{27451} = (26, 24, 25, 1)$

$795: P_{27480} = (23, 25, 25, 1)$

$796: P_{27494} = (5, 26, 25, 1)$

$797: P_{27502} = (13, 26, 25, 1)$

$798: P_{27505} = (16, 26, 25, 1)$

$799: P_{27539} = (18, 27, 25, 1)$

$800: P_{27574} = (21, 28, 25, 1)$

$801: P_{27618} = (1, 30, 25, 1)$

$802: P_{27650} = (1, 31, 25, 1)$

$803: P_{27654} = (5, 31, 25, 1)$

$804: P_{27677} = (28, 31, 25, 1)$

$805: P_{27700} = (19, 0, 26, 1)$

$806: P_{27701} = (20, 0, 26, 1)$

$807: P_{27709} = (28, 0, 26, 1)$

$808: P_{27761} = (16, 2, 26, 1)$

$809: P_{27867} = (26, 5, 26, 1)$

$810: P_{27975} = (6, 9, 26, 1)$

$811: P_{27996} = (27, 9, 26, 1)$

$812: P_{28030} = (29, 10, 26, 1)$

$813: P_{28050} = (17, 11, 26, 1)$

$814: P_{28153} = (24, 14, 26, 1)$

$815: P_{28167} = (6, 15, 26, 1)$

$816: P_{28197} = (4, 16, 26, 1)$

$817: P_{28273} = (16, 18, 26, 1)$

$818: P_{28284} = (27, 18, 26, 1)$

$819: P_{28308} = (19, 19, 26, 1)$

$820: P_{28325} = (4, 20, 26, 1)$

$821: P_{28332} = (11, 20, 26, 1)$

$822: P_{28341} = (20, 20, 26, 1)$

$823: P_{28363} = (10, 21, 26, 1)$

$824: P_{28409} = (24, 22, 26, 1)$

$825: P_{28446} = (29, 23, 26, 1)$

$826: P_{28530} = (17, 26, 26, 1)$

$827: P_{28605} = (28, 28, 26, 1)$

$828 : P_{28609} = (0, 29, 26, 1)$
$829 : P_{28683} = (10, 31, 26, 1)$
$830 : P_{28684} = (11, 31, 26, 1)$
$831 : P_{28699} = (26, 31, 26, 1)$
$832 : P_{28708} = (3, 0, 27, 1)$
$833 : P_{28804} = (3, 3, 27, 1)$
$834 : P_{28845} = (12, 4, 27, 1)$
$835 : P_{28879} = (14, 5, 27, 1)$
$836 : P_{28950} = (21, 7, 27, 1)$
$837 : P_{28966} = (5, 8, 27, 1)$
$838 : P_{28973} = (12, 8, 27, 1)$
$839 : P_{28980} = (19, 8, 27, 1)$
$840 : P_{29000} = (7, 9, 27, 1)$
$841 : P_{29071} = (14, 11, 27, 1)$
$842 : P_{29118} = (29, 12, 27, 1)$
$843 : P_{29126} = (5, 13, 27, 1)$
$844 : P_{29160} = (7, 14, 27, 1)$
$845 : P_{29201} = (16, 15, 27, 1)$
$846 : P_{29211} = (26, 15, 27, 1)$
$847 : P_{29227} = (10, 16, 27, 1)$
$848 : P_{29278} = (29, 17, 27, 1)$
$849 : P_{29302} = (21, 18, 27, 1)$
$850 : P_{29319} = (6, 19, 27, 1)$
$851 : P_{29345} = (0, 20, 27, 1)$
$852 : P_{29383} = (6, 21, 27, 1)$
$853 : P_{29403} = (26, 21, 27, 1)$
$854 : P_{29449} = (8, 23, 27, 1)$
$855 : P_{29547} = (10, 26, 27, 1)$
$856 : P_{29588} = (19, 27, 27, 1)$
$857 : P_{29635} = (2, 29, 27, 1)$
$858 : P_{29699} = (2, 31, 27, 1)$
$859 : P_{29705} = (8, 31, 27, 1)$
$860 : P_{29713} = (16, 31, 27, 1)$
$861 : P_{29740} = (11, 0, 28, 1)$
$862 : P_{29742} = (13, 0, 28, 1)$
$863 : P_{29756} = (27, 0, 28, 1)$
$864 : P_{29903} = (14, 5, 28, 1)$
$865 : P_{29921} = (0, 6, 28, 1)$
$866 : P_{29931} = (10, 6, 28, 1)$
$867 : P_{29944} = (23, 6, 28, 1)$
$868 : P_{29989} = (4, 8, 28, 1)$
$869 : P_{29992} = (7, 8, 28, 1)$
$870 : P_{30015} = (30, 8, 28, 1)$
$871 : P_{30048} = (31, 9, 28, 1)$
$872 : P_{30077} = (28, 10, 28, 1)$
$873 : P_{30092} = (11, 11, 28, 1)$
$874 : P_{30095} = (14, 11, 28, 1)$
$875 : P_{30105} = (24, 11, 28, 1)$
$876 : P_{30117} = (4, 12, 28, 1)$
$877 : P_{30123} = (10, 12, 28, 1)$
$878 : P_{30132} = (19, 12, 28, 1)$
$879 : P_{30158} = (13, 13, 28, 1)$
$880 : P_{30195} = (18, 14, 28, 1)$
$881 : P_{30216} = (7, 15, 28, 1)$

$882 : P_{30246} = (5, 16, 28, 1)$
$883 : P_{30279} = (6, 17, 28, 1)$
$884 : P_{30285} = (12, 17, 28, 1)$
$885 : P_{30296} = (23, 17, 28, 1)$
$886 : P_{30361} = (24, 19, 28, 1)$
$887 : P_{30406} = (5, 21, 28, 1)$
$888 : P_{30461} = (28, 22, 28, 1)$
$889 : P_{30463} = (30, 22, 28, 1)$
$890 : P_{30464} = (31, 22, 28, 1)$
$891 : P_{30471} = (6, 23, 28, 1)$
$892 : P_{30620} = (27, 27, 28, 1)$
$893 : P_{30643} = (18, 28, 28, 1)$
$894 : P_{30669} = (12, 29, 28, 1)$
$895 : P_{30740} = (19, 31, 28, 1)$
$896 : P_{30849} = (0, 3, 29, 1)$
$897 : P_{31001} = (24, 7, 29, 1)$
$898 : P_{31027} = (18, 8, 29, 1)$
$899 : P_{31030} = (21, 8, 29, 1)$
$900 : P_{31036} = (27, 8, 29, 1)$
$901 : P_{31074} = (1, 10, 29, 1)$
$902 : P_{31106} = (1, 11, 29, 1)$
$903 : P_{31112} = (7, 11, 29, 1)$
$904 : P_{31131} = (26, 11, 29, 1)$
$905 : P_{31144} = (7, 12, 29, 1)$
$906 : P_{31186} = (17, 13, 29, 1)$
$907 : P_{31226} = (25, 14, 29, 1)$
$908 : P_{31253} = (20, 15, 29, 1)$
$909 : P_{31280} = (15, 16, 29, 1)$
$910 : P_{31299} = (2, 17, 29, 1)$
$911 : P_{31301} = (4, 17, 29, 1)$
$912 : P_{31323} = (26, 17, 29, 1)$
$913 : P_{31363} = (2, 19, 29, 1)$
$914 : P_{31366} = (5, 19, 29, 1)$
$915 : P_{31388} = (27, 19, 29, 1)$
$916 : P_{31404} = (11, 20, 29, 1)$
$917 : P_{31429} = (4, 21, 29, 1)$
$918 : P_{31462} = (5, 22, 29, 1)$
$919 : P_{31514} = (25, 23, 29, 1)$
$920 : P_{31603} = (18, 26, 29, 1)$
$921 : P_{31637} = (20, 27, 29, 1)$
$922 : P_{31666} = (17, 28, 29, 1)$
$923 : P_{31702} = (21, 29, 29, 1)$
$924 : P_{31756} = (11, 31, 29, 1)$
$925 : P_{31760} = (15, 31, 29, 1)$
$926 : P_{31769} = (24, 31, 29, 1)$
$927 : P_{31842} = (1, 2, 30, 1)$
$928 : P_{31845} = (4, 2, 30, 1)$
$929 : P_{31867} = (26, 2, 30, 1)$
$930 : P_{31874} = (1, 3, 30, 1)$
$931 : P_{31886} = (13, 3, 30, 1)$
$932 : P_{31892} = (19, 3, 30, 1)$
$933 : P_{31928} = (23, 4, 30, 1)$
$934 : P_{31940} = (3, 5, 30, 1)$
$935 : P_{31947} = (10, 5, 30, 1)$

$936 : P_{31959} = (22, 5, 30, 1)$
$937 : P_{31972} = (3, 6, 30, 1)$
$938 : P_{31973} = (4, 6, 30, 1)$
$939 : P_{31993} = (24, 6, 30, 1)$
$940 : P_{32029} = (28, 7, 30, 1)$
$941 : P_{32092} = (27, 9, 30, 1)$
$942 : P_{32126} = (29, 10, 30, 1)$
$943 : P_{32223} = (30, 13, 30, 1)$
$944 : P_{32238} = (13, 14, 30, 1)$
$945 : P_{32267} = (10, 15, 30, 1)$
$946 : P_{32291} = (2, 16, 30, 1)$
$947 : P_{32303} = (14, 16, 30, 1)$
$948 : P_{32308} = (19, 16, 30, 1)$
$949 : P_{32355} = (2, 18, 30, 1)$
$950 : P_{32359} = (6, 18, 30, 1)$
$951 : P_{32380} = (27, 18, 30, 1)$
$952 : P_{32407} = (22, 19, 30, 1)$
$953 : P_{32408} = (23, 19, 30, 1)$
$954 : P_{32415} = (30, 19, 30, 1)$
$955 : P_{32423} = (6, 20, 30, 1)$
$956 : P_{32522} = (9, 23, 30, 1)$
$957 : P_{32524} = (11, 23, 30, 1)$
$958 : P_{32542} = (29, 23, 30, 1)$
$959 : P_{32545} = (0, 24, 30, 1)$
$960 : P_{32550} = (5, 24, 30, 1)$
$961 : P_{32571} = (26, 24, 30, 1)$
$962 : P_{32669} = (28, 27, 30, 1)$
$963 : P_{32684} = (11, 28, 30, 1)$
$964 : P_{32710} = (5, 29, 30, 1)$
$965 : P_{32746} = (9, 30, 30, 1)$
$966 : P_{32751} = (14, 30, 30, 1)$
$967 : P_{32761} = (24, 30, 30, 1)$
$968 : P_{32805} = (4, 0, 31, 1)$
$969 : P_{32870} = (5, 2, 31, 1)$
$970 : P_{32920} = (23, 3, 31, 1)$
$971 : P_{32933} = (4, 4, 31, 1)$
$972 : P_{32979} = (18, 5, 31, 1)$
$973 : P_{32983} = (22, 5, 31, 1)$
$974 : P_{32987} = (26, 5, 31, 1)$
$975 : P_{33007} = (14, 6, 31, 1)$
$976 : P_{33030} = (5, 7, 31, 1)$
$977 : P_{33071} = (14, 8, 31, 1)$
$978 : P_{33152} = (31, 10, 31, 1)$
$979 : P_{33236} = (19, 13, 31, 1)$
$980 : P_{33277} = (28, 14, 31, 1)$
$981 : P_{33315} = (2, 16, 31, 1)$
$982 : P_{33377} = (0, 18, 31, 1)$
$983 : P_{33379} = (2, 18, 31, 1)$
$984 : P_{33405} = (28, 18, 31, 1)$
$985 : P_{33431} = (22, 19, 31, 1)$
$986 : P_{33464} = (23, 20, 31, 1)$
$987 : P_{33504} = (31, 21, 31, 1)$
$988 : P_{33555} = (18, 23, 31, 1)$
$989 : P_{33639} = (6, 26, 31, 1)$

$990: P_{33703} = (6, 28, 31, 1)$ $992: P_{33819} = (26, 31, 31, 1)$
$991: P_{33780} = (19, 30, 31, 1)$