Rank-76051 over GF(32)

January 15, 2021

The equation

The equation of the surface is :

$$X_0^2X_1 + X_1^2X_2 + X_1X_2^2 + X_0X_3^2 + X_0X_1X_2 = 0$$

(0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 0, 1, 0, 1, 0, 0, 1, 0, 0, 0)
The point rank of the equation over GF(32) is 1109427237

General information

Number of lines	5
Number of points	1121
Number of singular points	0
Number of Eckardt points	1
Number of double points	2
Number of single points	158
Number of points off lines	960
Number of Hesse planes	0
Number of axes	0
Type of points on lines	33^5
Type of lines on points	$3, 2^2, 1^{158}, 0^{960}$

Singular Points

The surface has 0 singular points:

The 5 Lines

The lines and their Pluecker coordinates are:

$$\ell_0 = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1024} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1024} = \mathbf{Pl}(0,0,1,0,0,0)_2$$

$$\ell_1 = \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1082400} = \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1082400} = \mathbf{Pl}(0,0,0,1,0,0)_{65}$$

$$\ell_2 = \begin{bmatrix} 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1083424} = \begin{bmatrix} 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1083424} = \mathbf{Pl}(0,1,0,0,0,0)_1$$

$$\ell_3 = \begin{bmatrix} 0 & 1 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1082433} = \begin{bmatrix} 0 & 1 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1082433} = \mathbf{Pl}(0,1,0,1,0,0)_{97}$$

$$\ell_4 = \begin{bmatrix} 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{35906} = \begin{bmatrix} 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{35906} = \mathbf{Pl}(0,1,1,1,1,1)_{70594}$$

Rank of lines: (1024, 1082400, 1083424, 1082433, 35906)
Rank of points on Klein quadric: (2, 65, 1, 97, 70594)

Eckardt Points

The surface has 1 Eckardt points:
$0 : P_3 = \mathbf{P}(0,0,0,1) = \mathbf{P}(0,0,0,1)$.

Double Points

The surface has 2 Double points:
The double points on the surface are:

$P_2 = (0,0,1,0) = \ell_0 \cap \ell_2$
$P_{2082} = (0,0,1,1) = \ell_2 \cap \ell_4$

Single Points

The surface has 158 single points:
The single points on the surface are:

$0 : P_0 = (1,0,0,0)$ lies on line ℓ_0
$1 : P_1 = (0,1,0,0)$ lies on line ℓ_1
$2 : P_{36} = (1,0,1,0)$ lies on line ℓ_0
$3 : P_{37} = (2,0,1,0)$ lies on line ℓ_0
$4 : P_{38} = (3,0,1,0)$ lies on line ℓ_0
$5 : P_{39} = (4,0,1,0)$ lies on line ℓ_0
$6 : P_{40} = (5,0,1,0)$ lies on line ℓ_0
$7 : P_{41} = (6,0,1,0)$ lies on line ℓ_0
$8 : P_{42} = (7,0,1,0)$ lies on line ℓ_0
$9 : P_{43} = (8,0,1,0)$ lies on line ℓ_0
$10 : P_{44} = (9,0,1,0)$ lies on line ℓ_0
$11 : P_{45} = (10,0,1,0)$ lies on line ℓ_0
$12 : P_{46} = (11,0,1,0)$ lies on line ℓ_0
$13 : P_{47} = (12,0,1,0)$ lies on line ℓ_0
$14 : P_{48} = (13,0,1,0)$ lies on line ℓ_0
$15 : P_{49} = (14,0,1,0)$ lies on line ℓ_0
$16 : P_{50} = (15,0,1,0)$ lies on line ℓ_0
$17 : P_{51} = (16,0,1,0)$ lies on line ℓ_0
$18 : P_{52} = (17,0,1,0)$ lies on line ℓ_0
$19 : P_{53} = (18,0,1,0)$ lies on line ℓ_0
$20 : P_{54} = (19,0,1,0)$ lies on line ℓ_0
$21 : P_{55} = (20,0,1,0)$ lies on line ℓ_0
$22 : P_{56} = (21,0,1,0)$ lies on line ℓ_0
$23 : P_{57} = (22,0,1,0)$ lies on line ℓ_0
$24 : P_{58} = (23,0,1,0)$ lies on line ℓ_0
$25 : P_{59} = (24,0,1,0)$ lies on line ℓ_0
$26 : P_{60} = (25,0,1,0)$ lies on line ℓ_0
$27 : P_{61} = (26,0,1,0)$ lies on line ℓ_0
$28 : P_{62} = (27,0,1,0)$ lies on line ℓ_0
$29 : P_{63} = (28,0,1,0)$ lies on line ℓ_0
$30 : P_{64} = (29,0,1,0)$ lies on line ℓ_0
$31 : P_{65} = (30,0,1,0)$ lies on line ℓ_0
$32 : P_{66} = (31,0,1,0)$ lies on line ℓ_0
$33 : P_{67} = (0,1,1,0)$ lies on line ℓ_3
$34 : P_{68} = (1,1,1,0)$ lies on line ℓ_4
$35 : P_{1090} = (0,1,0,1)$ lies on line ℓ_1
$36 : P_{1091} = (1,1,0,1)$ lies on line ℓ_4
$37 : P_{1122} = (0,2,0,1)$ lies on line ℓ_1
$38 : P_{1154} = (0,3,0,1)$ lies on line ℓ_1
$39 : P_{1186} = (0,4,0,1)$ lies on line ℓ_1
$40 : P_{1218} = (0,5,0,1)$ lies on line ℓ_1
$41 : P_{1250} = (0,6,0,1)$ lies on line ℓ_1
$42 : P_{1282} = (0,7,0,1)$ lies on line ℓ_1
$43 : P_{1314} = (0,8,0,1)$ lies on line ℓ_1

44 : $P_{1346} = (0, 9, 0, 1)$ lies on line ℓ_1
45 : $P_{1378} = (0, 10, 0, 1)$ lies on line ℓ_1
46 : $P_{1410} = (0, 11, 0, 1)$ lies on line ℓ_1
47 : $P_{1442} = (0, 12, 0, 1)$ lies on line ℓ_1
48 : $P_{1474} = (0, 13, 0, 1)$ lies on line ℓ_1
49 : $P_{1506} = (0, 14, 0, 1)$ lies on line ℓ_1
50 : $P_{1538} = (0, 15, 0, 1)$ lies on line ℓ_1
51 : $P_{1570} = (0, 16, 0, 1)$ lies on line ℓ_1
52 : $P_{1602} = (0, 17, 0, 1)$ lies on line ℓ_1
53 : $P_{1634} = (0, 18, 0, 1)$ lies on line ℓ_1
54 : $P_{1666} = (0, 19, 0, 1)$ lies on line ℓ_1
55 : $P_{1698} = (0, 20, 0, 1)$ lies on line ℓ_1
56 : $P_{1730} = (0, 21, 0, 1)$ lies on line ℓ_1
57 : $P_{1762} = (0, 22, 0, 1)$ lies on line ℓ_1
58 : $P_{1794} = (0, 23, 0, 1)$ lies on line ℓ_1
59 : $P_{1826} = (0, 24, 0, 1)$ lies on line ℓ_1
60 : $P_{1858} = (0, 25, 0, 1)$ lies on line ℓ_1
61 : $P_{1890} = (0, 26, 0, 1)$ lies on line ℓ_1
62 : $P_{1922} = (0, 27, 0, 1)$ lies on line ℓ_1
63 : $P_{1954} = (0, 28, 0, 1)$ lies on line ℓ_1
64 : $P_{1986} = (0, 29, 0, 1)$ lies on line ℓ_1
65 : $P_{2018} = (0, 30, 0, 1)$ lies on line ℓ_1
66 : $P_{2050} = (0, 31, 0, 1)$ lies on line ℓ_1
67 : $P_{2114} = (0, 1, 1, 1)$ lies on line ℓ_3
68 : $P_{3105} = (0, 0, 2, 1)$ lies on line ℓ_2
69 : $P_{3169} = (0, 2, 2, 1)$ lies on line ℓ_3
70 : $P_{3204} = (3, 3, 2, 1)$ lies on line ℓ_4
71 : $P_{4129} = (0, 0, 3, 1)$ lies on line ℓ_2
72 : $P_{4195} = (2, 2, 3, 1)$ lies on line ℓ_4
73 : $P_{4225} = (0, 3, 3, 1)$ lies on line ℓ_3
74 : $P_{5153} = (0, 0, 4, 1)$ lies on line ℓ_2
75 : $P_{5281} = (0, 4, 4, 1)$ lies on line ℓ_3
76 : $P_{5318} = (5, 5, 4, 1)$ lies on line ℓ_4
77 : $P_{6177} = (0, 0, 5, 1)$ lies on line ℓ_2
78 : $P_{6309} = (4, 4, 5, 1)$ lies on line ℓ_4
79 : $P_{6337} = (0, 5, 5, 1)$ lies on line ℓ_3
80 : $P_{7201} = (0, 0, 6, 1)$ lies on line ℓ_2
81 : $P_{7393} = (0, 6, 6, 1)$ lies on line ℓ_3
82 : $P_{7432} = (7, 7, 6, 1)$ lies on line ℓ_4
83 : $P_{8225} = (0, 0, 7, 1)$ lies on line ℓ_2
84 : $P_{8423} = (6, 6, 7, 1)$ lies on line ℓ_4
85 : $P_{8449} = (0, 7, 7, 1)$ lies on line ℓ_3
86 : $P_{9249} = (0, 0, 8, 1)$ lies on line ℓ_2
87 : $P_{9505} = (0, 8, 8, 1)$ lies on line ℓ_3
88 : $P_{9546} = (9, 9, 8, 1)$ lies on line ℓ_4
89 : $P_{10273} = (0, 0, 9, 1)$ lies on line ℓ_2
90 : $P_{10537} = (8, 8, 9, 1)$ lies on line ℓ_4
91 : $P_{10561} = (0, 9, 9, 1)$ lies on line ℓ_3
92 : $P_{11297} = (0, 0, 10, 1)$ lies on line ℓ_2
93 : $P_{11617} = (0, 10, 10, 1)$ lies on line ℓ_3
94 : $P_{11660} = (11, 11, 10, 1)$ lies on line ℓ_4
95 : $P_{12321} = (0, 0, 11, 1)$ lies on line ℓ_2
96 : $P_{12651} = (10, 10, 11, 1)$ lies on line ℓ_4
97 : $P_{12673} = (0, 11, 11, 1)$ lies on line ℓ_3
98 : $P_{13345} = (0, 0, 12, 1)$ lies on line ℓ_2
99 : $P_{13729} = (0, 12, 12, 1)$ lies on line ℓ_3
100 : $P_{13774} = (13, 13, 12, 1)$ lies on line ℓ_4
101 : $P_{14369} = (0, 0, 13, 1)$ lies on line ℓ_2
102 : $P_{14765} = (12, 12, 13, 1)$ lies on line ℓ_4
103 : $P_{14785} = (0, 13, 13, 1)$ lies on line ℓ_3
104 : $P_{15393} = (0, 0, 14, 1)$ lies on line ℓ_2
105 : $P_{15841} = (0, 14, 14, 1)$ lies on line ℓ_3
106 : $P_{15888} = (15, 15, 14, 1)$ lies on line ℓ_4
107 : $P_{16417} = (0, 0, 15, 1)$ lies on line ℓ_2
108 : $P_{16879} = (14, 14, 15, 1)$ lies on line ℓ_4
109 : $P_{16897} = (0, 15, 15, 1)$ lies on line ℓ_3
110 : $P_{17441} = (0, 0, 16, 1)$ lies on line ℓ_2
111 : $P_{17953} = (0, 16, 16, 1)$ lies on line ℓ_3
112 : $P_{18002} = (17, 17, 16, 1)$ lies on line ℓ_4
113 : $P_{18465} = (0, 0, 17, 1)$ lies on line ℓ_2
114 : $P_{18993} = (16, 16, 17, 1)$ lies on line ℓ_4
115 : $P_{19009} = (0, 17, 17, 1)$ lies on line ℓ_3
116 : $P_{19489} = (0, 0, 18, 1)$ lies on line ℓ_2
117 : $P_{20065} = (0, 18, 18, 1)$ lies on line ℓ_3
118 : $P_{20116} = (19, 19, 18, 1)$ lies on line ℓ_4
119 : $P_{20513} = (0, 0, 19, 1)$ lies on line ℓ_2
120 : $P_{21107} = (18, 18, 19, 1)$ lies on line ℓ_4
121 : $P_{21121} = (0, 19, 19, 1)$ lies on line ℓ_3
122 : $P_{21537} = (0, 0, 20, 1)$ lies on line ℓ_2
123 : $P_{22177} = (0, 20, 20, 1)$ lies on line ℓ_3
124 : $P_{22230} = (21, 21, 20, 1)$ lies on line ℓ_4
125 : $P_{22561} = (0, 0, 21, 1)$ lies on line ℓ_2
126 : $P_{23221} = (20, 20, 21, 1)$ lies on line ℓ_4
127 : $P_{23233} = (0, 21, 21, 1)$ lies on line ℓ_3
128 : $P_{23585} = (0, 0, 22, 1)$ lies on line ℓ_2
129 : $P_{24289} = (0, 22, 22, 1)$ lies on line ℓ_3
130 : $P_{24344} = (23, 23, 22, 1)$ lies on line ℓ_4
131 : $P_{24609} = (0, 0, 23, 1)$ lies on line ℓ_2
132 : $P_{25335} = (22, 22, 23, 1)$ lies on line ℓ_4
133 : $P_{25345} = (0, 23, 23, 1)$ lies on line ℓ_3
134 : $P_{25633} = (0, 0, 24, 1)$ lies on line ℓ_2
135 : $P_{26401} = (0, 24, 24, 1)$ lies on line ℓ_3
136 : $P_{26458} = (25, 25, 24, 1)$ lies on line ℓ_4
137 : $P_{26657} = (0, 0, 25, 1)$ lies on line ℓ_2
138 : $P_{27449} = (24, 24, 25, 1)$ lies on line ℓ_4
139 : $P_{27457} = (0, 25, 25, 1)$ lies on line ℓ_3
140 : $P_{27681} = (0, 0, 26, 1)$ lies on line ℓ_2
141 : $P_{28513} = (0, 26, 26, 1)$ lies on line ℓ_3
142 : $P_{28572} = (27, 27, 26, 1)$ lies on line ℓ_4
143 : $P_{28705} = (0, 0, 27, 1)$ lies on line ℓ_2
144 : $P_{29563} = (26, 26, 27, 1)$ lies on line ℓ_4
145 : $P_{29569} = (0, 27, 27, 1)$ lies on line ℓ_3
146 : $P_{29729} = (0, 0, 28, 1)$ lies on line ℓ_2
147 : $P_{30625} = (0, 28, 28, 1)$ lies on line ℓ_3
148 : $P_{30686} = (29, 29, 28, 1)$ lies on line ℓ_4
149 : $P_{30753} = (0, 0, 29, 1)$ lies on line ℓ_2
150 : $P_{31677} = (28, 28, 29, 1)$ lies on line ℓ_4
151 : $P_{31681} = (0, 29, 29, 1)$ lies on line ℓ_3

152 : $P_{31777} = (0, 0, 30, 1)$ lies on line ℓ_2
153 : $P_{32737} = (0, 30, 30, 1)$ lies on line ℓ_3
154 : $P_{32800} = (31, 31, 30, 1)$ lies on line ℓ_4
155 : $P_{32801} = (0, 0, 31, 1)$ lies on line ℓ_2
156 : $P_{33791} = (30, 30, 31, 1)$ lies on line ℓ_4
157 : $P_{33793} = (0, 31, 31, 1)$ lies on line ℓ_3

The single points on the surface are:

Points on surface but on no line

The surface has 960 points not on any line:
The points on the surface but not on lines are:

0 : $P_{139} = (8, 3, 1, 0)$
1 : $P_{140} = (9, 3, 1, 0)$
2 : $P_{205} = (10, 5, 1, 0)$
3 : $P_{206} = (11, 5, 1, 0)$
4 : $P_{261} = (2, 7, 1, 0)$
5 : $P_{262} = (3, 7, 1, 0)$
6 : $P_{311} = (20, 8, 1, 0)$
7 : $P_{312} = (21, 8, 1, 0)$
8 : $P_{383} = (28, 10, 1, 0)$
9 : $P_{384} = (29, 10, 1, 0)$
10 : $P_{449} = (30, 12, 1, 0)$
11 : $P_{450} = (31, 12, 1, 0)$
12 : $P_{505} = (22, 14, 1, 0)$
13 : $P_{506} = (23, 14, 1, 0)$
14 : $P_{593} = (14, 17, 1, 0)$
15 : $P_{594} = (15, 17, 1, 0)$
16 : $P_{649} = (6, 19, 1, 0)$
17 : $P_{650} = (7, 19, 1, 0)$
18 : $P_{711} = (4, 21, 1, 0)$
19 : $P_{712} = (5, 21, 1, 0)$
20 : $P_{783} = (12, 23, 1, 0)$
21 : $P_{784} = (13, 23, 1, 0)$
22 : $P_{829} = (26, 24, 1, 0)$
23 : $P_{830} = (27, 24, 1, 0)$
24 : $P_{885} = (18, 26, 1, 0)$
25 : $P_{886} = (19, 26, 1, 0)$
26 : $P_{947} = (16, 28, 1, 0)$
27 : $P_{948} = (17, 28, 1, 0)$
28 : $P_{1019} = (24, 30, 1, 0)$
29 : $P_{1020} = (25, 30, 1, 0)$
30 : $P_{1140} = (18, 2, 0, 1)$
31 : $P_{1182} = (28, 3, 0, 1)$
32 : $P_{1195} = (9, 4, 0, 1)$
33 : $P_{1241} = (23, 5, 0, 1)$
34 : $P_{1264} = (14, 6, 0, 1)$
35 : $P_{1294} = (12, 7, 0, 1)$
36 : $P_{1336} = (22, 8, 0, 1)$
37 : $P_{1350} = (4, 9, 0, 1)$
38 : $P_{1403} = (25, 10, 0, 1)$
39 : $P_{1426} = (16, 11, 0, 1)$
40 : $P_{1449} = (7, 12, 0, 1)$
41 : $P_{1489} = (15, 13, 0, 1)$
42 : $P_{1512} = (6, 14, 0, 1)$
43 : $P_{1551} = (13, 15, 0, 1)$
44 : $P_{1581} = (11, 16, 0, 1)$
45 : $P_{1626} = (24, 17, 0, 1)$
46 : $P_{1636} = (2, 18, 0, 1)$
47 : $P_{1695} = (29, 19, 0, 1)$
48 : $P_{1728} = (30, 20, 0, 1)$
49 : $P_{1756} = (26, 21, 0, 1)$
50 : $P_{1770} = (8, 22, 0, 1)$
51 : $P_{1799} = (5, 23, 0, 1)$
52 : $P_{1843} = (17, 24, 0, 1)$
53 : $P_{1868} = (10, 25, 0, 1)$
54 : $P_{1911} = (21, 26, 0, 1)$
55 : $P_{1953} = (31, 27, 0, 1)$
56 : $P_{1957} = (3, 28, 0, 1)$
57 : $P_{2005} = (19, 29, 0, 1)$
58 : $P_{2038} = (20, 30, 0, 1)$
59 : $P_{2077} = (27, 31, 0, 1)$
60 : $P_{2152} = (7, 2, 1, 1)$
61 : $P_{2165} = (20, 2, 1, 1)$
62 : $P_{2187} = (10, 3, 1, 1)$
63 : $P_{2200} = (23, 3, 1, 1)$
64 : $P_{2230} = (21, 4, 1, 1)$
65 : $P_{2238} = (29, 4, 1, 1)$
66 : $P_{2255} = (14, 5, 1, 1)$
67 : $P_{2265} = (24, 5, 1, 1)$
68 : $P_{2278} = (5, 6, 1, 1)$
69 : $P_{2283} = (10, 6, 1, 1)$
70 : $P_{2343} = (6, 8, 1, 1)$
71 : $P_{2354} = (17, 8, 1, 1)$
72 : $P_{2413} = (12, 10, 1, 1)$
73 : $P_{2421} = (20, 10, 1, 1)$
74 : $P_{2484} = (19, 12, 1, 1)$
75 : $P_{2486} = (21, 12, 1, 1)$
76 : $P_{2520} = (23, 13, 1, 1)$
77 : $P_{2522} = (25, 13, 1, 1)$
78 : $P_{2555} = (26, 14, 1, 1)$
79 : $P_{2558} = (29, 14, 1, 1)$

80 : $P_{2615} = (22, 16, 1, 1)$
81 : $P_{2621} = (28, 16, 1, 1)$
82 : $P_{2632} = (7, 17, 1, 1)$
83 : $P_{2655} = (30, 17, 1, 1)$
84 : $P_{2694} = (5, 19, 1, 1)$
85 : $P_{2714} = (25, 19, 1, 1)$
86 : $P_{2735} = (14, 20, 1, 1)$
87 : $P_{2738} = (17, 20, 1, 1)$
88 : $P_{2804} = (19, 22, 1, 1)$
89 : $P_{2811} = (26, 22, 1, 1)$
90 : $P_{2884} = (3, 25, 1, 1)$
91 : $P_{2889} = (8, 25, 1, 1)$
92 : $P_{2921} = (8, 26, 1, 1)$
93 : $P_{2941} = (28, 26, 1, 1)$
94 : $P_{2951} = (6, 27, 1, 1)$
95 : $P_{2969} = (24, 27, 1, 1)$
96 : $P_{3021} = (12, 29, 1, 1)$
97 : $P_{3039} = (30, 29, 1, 1)$
98 : $P_{3044} = (3, 30, 1, 1)$
99 : $P_{3063} = (22, 30, 1, 1)$
100 : $P_{3158} = (21, 1, 2, 1)$
101 : $P_{3159} = (22, 1, 2, 1)$
102 : $P_{3185} = (16, 2, 2, 1)$
103 : $P_{3230} = (29, 3, 2, 1)$
104 : $P_{3249} = (16, 4, 2, 1)$
105 : $P_{3260} = (27, 4, 2, 1)$
106 : $P_{3269} = (4, 5, 2, 1)$
107 : $P_{3282} = (17, 5, 2, 1)$
108 : $P_{3302} = (5, 6, 2, 1)$
109 : $P_{3306} = (9, 6, 2, 1)$
110 : $P_{3461} = (4, 11, 2, 1)$
111 : $P_{3479} = (22, 11, 2, 1)$
112 : $P_{3523} = (2, 13, 2, 1)$
113 : $P_{3536} = (15, 13, 2, 1)$
114 : $P_{3587} = (2, 15, 2, 1)$
115 : $P_{3598} = (13, 15, 2, 1)$
116 : $P_{3634} = (17, 16, 2, 1)$
117 : $P_{3641} = (24, 16, 2, 1)$
118 : $P_{3684} = (3, 18, 2, 1)$
119 : $P_{3789} = (12, 21, 2, 1)$
120 : $P_{3797} = (20, 21, 2, 1)$
121 : $P_{3815} = (6, 22, 2, 1)$
122 : $P_{3821} = (12, 22, 2, 1)$
123 : $P_{3867} = (26, 23, 2, 1)$
124 : $P_{3870} = (29, 23, 2, 1)$
125 : $P_{3879} = (6, 24, 2, 1)$
126 : $P_{3894} = (21, 24, 2, 1)$
127 : $P_{3946} = (9, 26, 2, 1)$
128 : $P_{3967} = (30, 26, 2, 1)$
129 : $P_{3974} = (5, 27, 2, 1)$
130 : $P_{3993} = (24, 27, 2, 1)$
131 : $P_{4027} = (26, 28, 2, 1)$
132 : $P_{4028} = (27, 28, 2, 1)$
133 : $P_{4048} = (15, 29, 2, 1)$
134 : $P_{4063} = (30, 29, 2, 1)$
135 : $P_{4110} = (13, 31, 2, 1)$
136 : $P_{4117} = (20, 31, 2, 1)$
137 : $P_{4212} = (19, 2, 3, 1)$
138 : $P_{4256} = (31, 3, 3, 1)$
139 : $P_{4293} = (4, 5, 3, 1)$
140 : $P_{4305} = (16, 5, 3, 1)$
141 : $P_{4338} = (17, 6, 3, 1)$
142 : $P_{4349} = (28, 6, 3, 1)$
143 : $P_{4397} = (12, 8, 3, 1)$
144 : $P_{4410} = (25, 8, 3, 1)$
145 : $P_{4436} = (19, 9, 3, 1)$
146 : $P_{4437} = (20, 9, 3, 1)$
147 : $P_{4450} = (1, 10, 3, 1)$
148 : $P_{4476} = (27, 10, 3, 1)$
149 : $P_{4593} = (16, 14, 3, 1)$
150 : $P_{4598} = (21, 14, 3, 1)$
151 : $P_{4630} = (21, 15, 3, 1)$
152 : $P_{4636} = (27, 15, 3, 1)$
153 : $P_{4658} = (17, 16, 3, 1)$
154 : $P_{4666} = (25, 16, 3, 1)$
155 : $P_{4677} = (4, 17, 3, 1)$
156 : $P_{4704} = (31, 17, 3, 1)$
157 : $P_{4717} = (12, 18, 3, 1)$
158 : $P_{4718} = (13, 18, 3, 1)$
159 : $P_{4770} = (1, 20, 3, 1)$
160 : $P_{4797} = (28, 20, 3, 1)$
161 : $P_{4814} = (13, 21, 3, 1)$
162 : $P_{4821} = (20, 21, 3, 1)$
163 : $P_{5027} = (2, 28, 3, 1)$
164 : $P_{5210} = (25, 1, 4, 1)$
165 : $P_{5213} = (28, 1, 4, 1)$
166 : $P_{5224} = (7, 2, 4, 1)$
167 : $P_{5234} = (17, 2, 4, 1)$
168 : $P_{5260} = (11, 3, 4, 1)$
169 : $P_{5268} = (19, 3, 4, 1)$
170 : $P_{5294} = (13, 4, 4, 1)$
171 : $P_{5335} = (22, 5, 4, 1)$
172 : $P_{5397} = (20, 7, 4, 1)$
173 : $P_{5405} = (28, 7, 4, 1)$
174 : $P_{5446} = (5, 9, 4, 1)$
175 : $P_{5576} = (7, 13, 4, 1)$
176 : $P_{5581} = (12, 13, 4, 1)$
177 : $P_{5649} = (16, 15, 4, 1)$
178 : $P_{5658} = (25, 15, 4, 1)$
179 : $P_{5667} = (2, 16, 4, 1)$
180 : $P_{5678} = (13, 16, 4, 1)$
181 : $P_{5709} = (12, 17, 4, 1)$
182 : $P_{5713} = (16, 17, 4, 1)$
183 : $P_{5756} = (27, 18, 4, 1)$
184 : $P_{5758} = (29, 18, 4, 1)$
185 : $P_{5804} = (11, 20, 4, 1)$
186 : $P_{5810} = (17, 20, 4, 1)$
187 : $P_{5876} = (19, 22, 4, 1)$

188 : $P_{5888} = (31, 22, 4, 1)$
189 : $P_{5891} = (2, 23, 4, 1)$
190 : $P_{5892} = (3, 23, 4, 1)$
191 : $P_{5924} = (3, 24, 4, 1)$
192 : $P_{5943} = (22, 24, 4, 1)$
193 : $P_{5973} = (20, 25, 4, 1)$
194 : $P_{5979} = (26, 25, 4, 1)$
195 : $P_{6021} = (4, 27, 4, 1)$
196 : $P_{6048} = (31, 27, 4, 1)$
197 : $P_{6075} = (26, 28, 4, 1)$
198 : $P_{6078} = (29, 28, 4, 1)$
199 : $P_{6149} = (4, 31, 4, 1)$
200 : $P_{6172} = (27, 31, 4, 1)$
201 : $P_{6313} = (8, 4, 5, 1)$
202 : $P_{6355} = (18, 5, 5, 1)$
203 : $P_{6491} = (26, 9, 5, 1)$
204 : $P_{6492} = (27, 9, 5, 1)$
205 : $P_{6503} = (6, 10, 5, 1)$
206 : $P_{6523} = (26, 10, 5, 1)$
207 : $P_{6537} = (8, 11, 5, 1)$
208 : $P_{6558} = (29, 11, 5, 1)$
209 : $P_{6577} = (16, 12, 5, 1)$
210 : $P_{6579} = (18, 12, 5, 1)$
211 : $P_{6599} = (6, 13, 5, 1)$
212 : $P_{6605} = (12, 13, 5, 1)$
213 : $P_{6626} = (1, 14, 5, 1)$
214 : $P_{6627} = (2, 14, 5, 1)$
215 : $P_{6734} = (13, 17, 5, 1)$
216 : $P_{6737} = (16, 17, 5, 1)$
217 : $P_{6829} = (12, 20, 5, 1)$
218 : $P_{6840} = (23, 20, 5, 1)$
219 : $P_{6917} = (4, 23, 5, 1)$
220 : $P_{7100} = (27, 28, 5, 1)$
221 : $P_{7102} = (29, 28, 5, 1)$
222 : $P_{7106} = (1, 29, 5, 1)$
223 : $P_{7128} = (23, 29, 5, 1)$
224 : $P_{7150} = (13, 30, 5, 1)$
225 : $P_{7165} = (28, 30, 5, 1)$
226 : $P_{7171} = (2, 31, 5, 1)$
227 : $P_{7197} = (28, 31, 5, 1)$
228 : $P_{7249} = (16, 1, 6, 1)$
229 : $P_{7256} = (23, 1, 6, 1)$
230 : $P_{7279} = (14, 2, 6, 1)$
231 : $P_{7291} = (26, 2, 6, 1)$
232 : $P_{7401} = (8, 6, 6, 1)$
233 : $P_{7438} = (13, 7, 6, 1)$
234 : $P_{7459} = (2, 8, 6, 1)$
235 : $P_{7475} = (18, 8, 6, 1)$
236 : $P_{7561} = (8, 11, 6, 1)$
237 : $P_{7583} = (30, 11, 6, 1)$
238 : $P_{7611} = (26, 12, 6, 1)$
239 : $P_{7612} = (27, 12, 6, 1)$
240 : $P_{7635} = (18, 13, 6, 1)$
241 : $P_{7644} = (27, 13, 6, 1)$
242 : $P_{7656} = (7, 14, 6, 1)$
243 : $P_{7686} = (5, 15, 6, 1)$
244 : $P_{7695} = (14, 15, 6, 1)$
245 : $P_{7747} = (2, 17, 6, 1)$
246 : $P_{7773} = (28, 17, 6, 1)$
247 : $P_{7856} = (15, 20, 6, 1)$
248 : $P_{7864} = (23, 20, 6, 1)$
249 : $P_{7906} = (1, 22, 6, 1)$
250 : $P_{7920} = (15, 22, 6, 1)$
251 : $P_{8006} = (5, 25, 6, 1)$
252 : $P_{8010} = (9, 25, 6, 1)$
253 : $P_{8046} = (13, 26, 6, 1)$
254 : $P_{8063} = (30, 26, 6, 1)$
255 : $P_{8074} = (9, 27, 6, 1)$
256 : $P_{8081} = (16, 27, 6, 1)$
257 : $P_{8194} = (1, 31, 6, 1)$
258 : $P_{8221} = (28, 31, 6, 1)$
259 : $P_{8284} = (27, 1, 7, 1)$
260 : $P_{8286} = (29, 1, 7, 1)$
261 : $P_{8396} = (11, 5, 7, 1)$
262 : $P_{8412} = (27, 5, 7, 1)$
263 : $P_{8432} = (15, 6, 7, 1)$
264 : $P_{8460} = (11, 7, 7, 1)$
265 : $P_{8493} = (12, 8, 7, 1)$
266 : $P_{8510} = (29, 8, 7, 1)$
267 : $P_{8557} = (12, 10, 7, 1)$
268 : $P_{8563} = (18, 10, 7, 1)$
269 : $P_{8615} = (6, 12, 7, 1)$
270 : $P_{8709} = (4, 15, 7, 1)$
271 : $P_{8719} = (14, 15, 7, 1)$
272 : $P_{8759} = (22, 16, 7, 1)$
273 : $P_{8763} = (26, 16, 7, 1)$
274 : $P_{8802} = (1, 18, 7, 1)$
275 : $P_{8805} = (4, 18, 7, 1)$
276 : $P_{8994} = (1, 24, 7, 1)$
277 : $P_{9016} = (23, 24, 7, 1)$
278 : $P_{9048} = (23, 25, 7, 1)$
279 : $P_{9051} = (26, 25, 7, 1)$
280 : $P_{9071} = (14, 26, 7, 1)$
281 : $P_{9085} = (28, 26, 7, 1)$
282 : $P_{9139} = (18, 28, 7, 1)$
283 : $P_{9143} = (22, 28, 7, 1)$
284 : $P_{9200} = (15, 30, 7, 1)$
285 : $P_{9213} = (28, 30, 7, 1)$
286 : $P_{9355} = (10, 3, 8, 1)$
287 : $P_{9375} = (30, 3, 8, 1)$
288 : $P_{9399} = (22, 4, 8, 1)$
289 : $P_{9400} = (23, 4, 8, 1)$
290 : $P_{9449} = (8, 6, 8, 1)$
291 : $P_{9455} = (14, 6, 8, 1)$
292 : $P_{9535} = (30, 8, 8, 1)$
293 : $P_{9542} = (5, 9, 8, 1)$
294 : $P_{9570} = (1, 10, 8, 1)$
295 : $P_{9585} = (16, 10, 8, 1)$

296 : $P_{9703} = (6, 14, 8, 1)$
297 : $P_{9705} = (8, 14, 8, 1)$
298 : $P_{9748} = (19, 15, 8, 1)$
299 : $P_{9751} = (22, 15, 8, 1)$
300 : $P_{9766} = (5, 16, 8, 1)$
301 : $P_{9767} = (6, 16, 8, 1)$
302 : $P_{9922} = (1, 21, 8, 1)$
303 : $P_{9940} = (19, 21, 8, 1)$
304 : $P_{9962} = (9, 22, 8, 1)$
305 : $P_{10001} = (16, 23, 8, 1)$
306 : $P_{10014} = (29, 23, 8, 1)$
307 : $P_{10031} = (14, 24, 8, 1)$
308 : $P_{10040} = (23, 24, 8, 1)$
309 : $P_{10123} = (10, 27, 8, 1)$
310 : $P_{10142} = (29, 27, 8, 1)$
311 : $P_{10409} = (8, 4, 9, 1)$
312 : $P_{10444} = (11, 5, 9, 1)$
313 : $P_{10454} = (21, 5, 9, 1)$
314 : $P_{10483} = (18, 6, 9, 1)$
315 : $P_{10486} = (21, 6, 9, 1)$
316 : $P_{10552} = (23, 8, 9, 1)$
317 : $P_{10574} = (13, 9, 9, 1)$
318 : $P_{10599} = (6, 10, 9, 1)$
319 : $P_{10615} = (22, 10, 9, 1)$
320 : $P_{10723} = (2, 14, 9, 1)$
321 : $P_{10734} = (13, 14, 9, 1)$
322 : $P_{10826} = (9, 17, 9, 1)$
323 : $P_{10841} = (24, 17, 9, 1)$
324 : $P_{10947} = (2, 21, 9, 1)$
325 : $P_{10962} = (17, 21, 9, 1)$
326 : $P_{11050} = (9, 24, 9, 1)$
327 : $P_{11058} = (17, 24, 9, 1)$
328 : $P_{11093} = (20, 25, 9, 1)$
329 : $P_{11096} = (23, 25, 9, 1)$
330 : $P_{11187} = (18, 28, 9, 1)$
331 : $P_{11193} = (24, 28, 9, 1)$
332 : $P_{11244} = (11, 30, 9, 1)$
333 : $P_{11255} = (22, 30, 9, 1)$
334 : $P_{11271} = (6, 31, 9, 1)$
335 : $P_{11285} = (20, 31, 9, 1)$
336 : $P_{11375} = (14, 2, 10, 1)$
337 : $P_{11383} = (22, 2, 10, 1)$
338 : $P_{11471} = (14, 5, 10, 1)$
339 : $P_{11476} = (19, 5, 10, 1)$
340 : $P_{11545} = (24, 7, 10, 1)$
341 : $P_{11551} = (30, 7, 10, 1)$
342 : $P_{11636} = (19, 10, 10, 1)$
343 : $P_{11666} = (17, 11, 10, 1)$
344 : $P_{11730} = (17, 13, 10, 1)$
345 : $P_{11733} = (20, 13, 10, 1)$
346 : $P_{11746} = (1, 14, 10, 1)$
347 : $P_{11758} = (13, 14, 10, 1)$
348 : $P_{11833} = (24, 16, 10, 1)$
349 : $P_{11834} = (25, 16, 10, 1)$
350 : $P_{11947} = (10, 20, 10, 1)$
351 : $P_{11967} = (30, 20, 10, 1)$
352 : $P_{12078} = (13, 24, 10, 1)$
353 : $P_{12087} = (22, 24, 10, 1)$
354 : $P_{12108} = (11, 25, 10, 1)$
355 : $P_{12194} = (1, 28, 10, 1)$
356 : $P_{12201} = (8, 28, 10, 1)$
357 : $P_{12267} = (10, 30, 10, 1)$
358 : $P_{12277} = (20, 30, 10, 1)$
359 : $P_{12297} = (8, 31, 10, 1)$
360 : $P_{12314} = (25, 31, 10, 1)$
361 : $P_{12537} = (24, 6, 11, 1)$
362 : $P_{12542} = (29, 6, 11, 1)$
363 : $P_{12556} = (11, 7, 11, 1)$
364 : $P_{12557} = (12, 7, 11, 1)$
365 : $P_{12665} = (24, 10, 11, 1)$
366 : $P_{12700} = (27, 11, 11, 1)$
367 : $P_{12712} = (7, 12, 11, 1)$
368 : $P_{12716} = (11, 12, 11, 1)$
369 : $P_{12789} = (20, 14, 11, 1)$
370 : $P_{12794} = (25, 14, 11, 1)$
371 : $P_{12843} = (10, 16, 11, 1)$
372 : $P_{12880} = (15, 17, 11, 1)$
373 : $P_{12893} = (28, 17, 11, 1)$
374 : $P_{12917} = (20, 18, 11, 1)$
375 : $P_{12926} = (29, 18, 11, 1)$
376 : $P_{12944} = (15, 19, 11, 1)$
377 : $P_{12954} = (25, 19, 11, 1)$
378 : $P_{12970} = (9, 20, 11, 1)$
379 : $P_{12989} = (28, 20, 11, 1)$
380 : $P_{13064} = (7, 23, 11, 1)$
381 : $P_{13066} = (9, 23, 11, 1)$
382 : $P_{13221} = (4, 28, 11, 1)$
383 : $P_{13229} = (12, 28, 11, 1)$
384 : $P_{13285} = (4, 30, 11, 1)$
385 : $P_{13308} = (27, 30, 11, 1)$
386 : $P_{13412} = (3, 2, 12, 1)$
387 : $P_{13438} = (29, 2, 12, 1)$
388 : $P_{13452} = (11, 3, 12, 1)$
389 : $P_{13468} = (27, 3, 12, 1)$
390 : $P_{13582} = (13, 7, 12, 1)$
391 : $P_{13603} = (2, 8, 12, 1)$
392 : $P_{13625} = (24, 8, 12, 1)$
393 : $P_{13649} = (16, 9, 12, 1)$
394 : $P_{13657} = (24, 9, 12, 1)$
395 : $P_{13740} = (11, 12, 12, 1)$
396 : $P_{13775} = (14, 13, 12, 1)$
397 : $P_{13829} = (4, 15, 12, 1)$
398 : $P_{13830} = (5, 15, 12, 1)$
399 : $P_{13954} = (1, 19, 12, 1)$
400 : $P_{13969} = (16, 19, 12, 1)$
401 : $P_{14052} = (3, 22, 12, 1)$
402 : $P_{14056} = (7, 22, 12, 1)$
403 : $P_{14117} = (4, 24, 12, 1)$

$404: P_{14138} = (25, 24, 12, 1)$
$405: P_{14146} = (1, 25, 12, 1)$
$406: P_{14152} = (7, 25, 12, 1)$
$407: P_{14179} = (2, 26, 12, 1)$
$408: P_{14204} = (27, 26, 12, 1)$
$409: P_{14310} = (5, 30, 12, 1)$
$410: P_{14334} = (29, 30, 12, 1)$
$411: P_{14351} = (14, 31, 12, 1)$
$412: P_{14362} = (25, 31, 12, 1)$
$413: P_{14421} = (20, 1, 13, 1)$
$414: P_{14425} = (24, 1, 13, 1)$
$415: P_{14436} = (3, 2, 13, 1)$
$416: P_{14461} = (28, 2, 13, 1)$
$417: P_{14506} = (9, 4, 13, 1)$
$418: P_{14510} = (13, 4, 13, 1)$
$419: P_{14570} = (9, 6, 13, 1)$
$420: P_{14571} = (10, 6, 13, 1)$
$421: P_{14609} = (16, 7, 13, 1)$
$422: P_{14610} = (17, 7, 13, 1)$
$423: P_{14661} = (4, 9, 13, 1)$
$424: P_{14670} = (13, 9, 13, 1)$
$425: P_{14725} = (4, 11, 13, 1)$
$426: P_{14746} = (25, 11, 13, 1)$
$427: P_{14759} = (6, 12, 13, 1)$
$428: P_{14787} = (2, 13, 13, 1)$
$429: P_{14861} = (12, 15, 13, 1)$
$430: P_{14907} = (26, 16, 13, 1)$
$431: P_{14909} = (28, 16, 13, 1)$
$432: P_{14923} = (10, 17, 13, 1)$
$433: P_{14944} = (31, 17, 13, 1)$
$434: P_{14965} = (20, 18, 13, 1)$
$435: P_{14972} = (27, 18, 13, 1)$
$436: P_{15014} = (5, 20, 13, 1)$
$437: P_{15031} = (22, 20, 13, 1)$
$438: P_{15047} = (6, 21, 13, 1)$
$439: P_{15058} = (17, 21, 13, 1)$
$440: P_{15099} = (26, 22, 13, 1)$
$441: P_{15104} = (31, 22, 13, 1)$
$442: P_{15142} = (5, 24, 13, 1)$
$443: P_{15162} = (25, 24, 13, 1)$
$444: P_{15204} = (3, 26, 13, 1)$
$445: P_{15228} = (27, 26, 13, 1)$
$446: P_{15235} = (2, 27, 13, 1)$
$447: P_{15249} = (16, 27, 13, 1)$
$448: P_{15287} = (22, 28, 13, 1)$
$449: P_{15289} = (24, 28, 13, 1)$
$450: P_{15546} = (25, 4, 14, 1)$
$451: P_{15551} = (30, 4, 14, 1)$
$452: P_{15600} = (15, 6, 14, 1)$
$453: P_{15642} = (25, 7, 14, 1)$
$454: P_{15644} = (27, 7, 14, 1)$
$455: P_{15815} = (6, 13, 14, 1)$
$456: P_{15816} = (7, 13, 14, 1)$
$457: P_{15849} = (8, 14, 14, 1)$
$458: P_{15885} = (12, 15, 14, 1)$
$459: P_{15945} = (8, 17, 14, 1)$
$460: P_{15967} = (30, 17, 14, 1)$
$461: P_{15975} = (6, 18, 14, 1)$
$462: P_{15979} = (10, 18, 14, 1)$
$463: P_{16015} = (14, 19, 14, 1)$
$464: P_{16030} = (29, 19, 14, 1)$
$465: P_{16072} = (7, 21, 14, 1)$
$466: P_{16084} = (19, 21, 14, 1)$
$467: P_{16130} = (1, 23, 14, 1)$
$468: P_{16139} = (10, 23, 14, 1)$
$469: P_{16269} = (12, 27, 14, 1)$
$470: P_{16286} = (29, 27, 14, 1)$
$471: P_{16335} = (14, 29, 14, 1)$
$472: P_{16340} = (19, 29, 14, 1)$
$473: P_{16354} = (1, 30, 14, 1)$
$474: P_{16380} = (27, 30, 14, 1)$
$475: P_{16679} = (6, 8, 15, 1)$
$476: P_{16704} = (31, 8, 15, 1)$
$477: P_{16727} = (22, 9, 15, 1)$
$478: P_{16734} = (29, 9, 15, 1)$
$479: P_{16824} = (23, 12, 15, 1)$
$480: P_{16832} = (31, 12, 15, 1)$
$481: P_{16847} = (14, 13, 15, 1)$
$482: P_{16872} = (7, 14, 15, 1)$
$483: P_{16899} = (2, 15, 15, 1)$
$484: P_{17027} = (2, 19, 15, 1)$
$485: P_{17041} = (16, 19, 15, 1)$
$486: P_{17064} = (7, 20, 15, 1)$
$487: P_{17079} = (22, 20, 15, 1)$
$488: P_{17104} = (15, 21, 15, 1)$
$489: P_{17115} = (26, 21, 15, 1)$
$490: P_{17169} = (16, 23, 15, 1)$
$491: P_{17179} = (26, 23, 15, 1)$
$492: P_{17196} = (11, 24, 15, 1)$
$493: P_{17206} = (21, 24, 15, 1)$
$494: P_{17264} = (15, 26, 15, 1)$
$495: P_{17270} = (21, 26, 15, 1)$
$496: P_{17356} = (11, 29, 15, 1)$
$497: P_{17368} = (23, 29, 15, 1)$
$498: P_{17383} = (6, 30, 15, 1)$
$499: P_{17406} = (29, 30, 15, 1)$
$500: P_{17479} = (6, 1, 16, 1)$
$501: P_{17496} = (23, 1, 16, 1)$
$502: P_{17521} = (16, 2, 16, 1)$
$503: P_{17523} = (18, 2, 16, 1)$
$504: P_{17581} = (12, 4, 16, 1)$
$505: P_{17590} = (21, 4, 16, 1)$
$506: P_{17609} = (8, 5, 16, 1)$
$507: P_{17616} = (15, 5, 16, 1)$
$508: P_{17636} = (3, 6, 16, 1)$
$509: P_{17662} = (29, 6, 16, 1)$
$510: P_{17670} = (5, 7, 16, 1)$
$511: P_{17690} = (25, 7, 16, 1)$

$512: P_{17731} = (2, 9, 16, 1)$
$513: P_{17751} = (22, 9, 16, 1)$
$514: P_{17810} = (17, 11, 16, 1)$
$515: P_{17838} = (13, 12, 16, 1)$
$516: P_{17851} = (26, 12, 16, 1)$
$517: P_{17861} = (4, 13, 16, 1)$
$518: P_{17884} = (27, 13, 16, 1)$
$519: P_{17980} = (27, 16, 16, 1)$
$520: P_{18010} = (25, 17, 16, 1)$
$521: P_{18019} = (2, 18, 16, 1)$
$522: P_{18033} = (16, 18, 16, 1)$
$523: P_{18136} = (23, 21, 16, 1)$
$524: P_{18142} = (29, 21, 16, 1)$
$525: P_{18180} = (3, 23, 16, 1)$
$526: P_{18199} = (22, 23, 16, 1)$
$527: P_{18213} = (4, 24, 16, 1)$
$528: P_{18214} = (5, 24, 16, 1)$
$529: P_{18249} = (8, 25, 16, 1)$
$530: P_{18259} = (18, 25, 16, 1)$
$531: P_{18326} = (21, 27, 16, 1)$
$532: P_{18331} = (26, 27, 16, 1)$
$533: P_{18381} = (12, 29, 16, 1)$
$534: P_{18384} = (15, 29, 16, 1)$
$535: P_{18439} = (6, 31, 16, 1)$
$536: P_{18446} = (13, 31, 16, 1)$
$537: P_{18819} = (2, 11, 17, 1)$
$538: P_{18820} = (3, 11, 17, 1)$
$539: P_{18862} = (13, 12, 17, 1)$
$540: P_{18876} = (27, 12, 17, 1)$
$541: P_{18916} = (3, 14, 17, 1)$
$542: P_{18933} = (20, 14, 17, 1)$
$543: P_{18955} = (10, 15, 17, 1)$
$544: P_{18967} = (22, 15, 17, 1)$
$545: P_{18987} = (10, 16, 17, 1)$
$546: P_{19018} = (9, 17, 17, 1)$
$547: P_{19045} = (4, 18, 17, 1)$
$548: P_{19064} = (23, 18, 17, 1)$
$549: P_{19096} = (23, 19, 17, 1)$
$550: P_{19100} = (27, 19, 17, 1)$
$551: P_{19170} = (1, 22, 17, 1)$
$552: P_{19193} = (24, 22, 17, 1)$
$553: P_{19203} = (2, 23, 17, 1)$
$554: P_{19223} = (22, 23, 17, 1)$
$555: P_{19249} = (16, 24, 17, 1)$
$556: P_{19306} = (9, 26, 17, 1)$
$557: P_{19310} = (13, 26, 17, 1)$
$558: P_{19349} = (20, 27, 17, 1)$
$559: P_{19355} = (26, 27, 17, 1)$
$560: P_{19417} = (24, 29, 17, 1)$
$561: P_{19419} = (26, 29, 17, 1)$
$562: P_{19426} = (1, 30, 17, 1)$
$563: P_{19429} = (4, 30, 17, 1)$
$564: P_{19572} = (19, 2, 18, 1)$
$565: P_{19592} = (7, 3, 18, 1)$
$566: P_{19594} = (9, 3, 18, 1)$
$567: P_{19667} = (18, 5, 18, 1)$
$568: P_{19672} = (23, 5, 18, 1)$
$569: P_{19718} = (5, 7, 18, 1)$
$570: P_{19740} = (27, 7, 18, 1)$
$571: P_{19770} = (25, 8, 18, 1)$
$572: P_{19774} = (29, 8, 18, 1)$
$573: P_{19825} = (16, 10, 18, 1)$
$574: P_{19836} = (27, 10, 18, 1)$
$575: P_{19946} = (9, 14, 18, 1)$
$576: P_{19966} = (29, 14, 18, 1)$
$577: P_{19975} = (6, 15, 18, 1)$
$578: P_{19994} = (25, 15, 18, 1)$
$579: P_{20081} = (16, 18, 18, 1)$
$580: P_{20125} = (28, 19, 18, 1)$
$581: P_{20184} = (23, 21, 18, 1)$
$582: P_{20192} = (31, 21, 18, 1)$
$583: P_{20199} = (6, 22, 18, 1)$
$584: P_{20221} = (28, 22, 18, 1)$
$585: P_{20230} = (5, 23, 18, 1)$
$586: P_{20243} = (18, 23, 18, 1)$
$587: P_{20296} = (7, 25, 18, 1)$
$588: P_{20320} = (31, 25, 18, 1)$
$589: P_{20605} = (28, 2, 19, 1)$
$590: P_{20606} = (29, 2, 19, 1)$
$591: P_{20644} = (3, 4, 19, 1)$
$592: P_{20666} = (25, 4, 19, 1)$
$593: P_{20738} = (1, 7, 19, 1)$
$594: P_{20767} = (30, 7, 19, 1)$
$595: P_{20770} = (1, 8, 19, 1)$
$596: P_{20773} = (4, 8, 19, 1)$
$597: P_{20852} = (19, 10, 19, 1)$
$598: P_{20858} = (25, 10, 19, 1)$
$599: P_{20894} = (29, 11, 19, 1)$
$600: P_{20895} = (30, 11, 19, 1)$
$601: P_{20937} = (8, 13, 19, 1)$
$602: P_{20949} = (20, 13, 19, 1)$
$603: P_{21092} = (3, 18, 19, 1)$
$604: P_{21135} = (14, 19, 19, 1)$
$605: P_{21259} = (10, 23, 19, 1)$
$606: P_{21277} = (28, 23, 19, 1)$
$607: P_{21323} = (10, 25, 19, 1)$
$608: P_{21332} = (19, 25, 19, 1)$
$609: P_{21353} = (8, 26, 19, 1)$
$610: P_{21359} = (14, 26, 19, 1)$
$611: P_{21413} = (4, 28, 19, 1)$
$612: P_{21429} = (20, 28, 19, 1)$
$613: P_{21459} = (18, 29, 19, 1)$
$614: P_{21582} = (13, 1, 20, 1)$
$615: P_{21593} = (24, 1, 20, 1)$
$616: P_{21612} = (11, 2, 20, 1)$
$617: P_{21614} = (13, 2, 20, 1)$
$618: P_{21652} = (19, 3, 20, 1)$
$619: P_{21660} = (27, 3, 20, 1)$

620 : $P_{21668} = (3, 4, 20, 1)$
621 : $P_{21695} = (30, 4, 20, 1)$
622 : $P_{21740} = (11, 6, 20, 1)$
623 : $P_{21746} = (17, 6, 20, 1)$
624 : $P_{21861} = (4, 10, 20, 1)$
625 : $P_{21866} = (9, 10, 20, 1)$
626 : $P_{21925} = (4, 12, 20, 1)$
627 : $P_{21944} = (23, 12, 20, 1)$
628 : $P_{22027} = (10, 15, 20, 1)$
629 : $P_{22036} = (19, 15, 20, 1)$
630 : $P_{22114} = (1, 18, 20, 1)$
631 : $P_{22136} = (23, 18, 20, 1)$
632 : $P_{22187} = (10, 20, 20, 1)$
633 : $P_{22236} = (27, 21, 20, 1)$
634 : $P_{22338} = (1, 25, 20, 1)$
635 : $P_{22368} = (31, 25, 20, 1)$
636 : $P_{22371} = (2, 26, 20, 1)$
637 : $P_{22372} = (3, 26, 20, 1)$
638 : $P_{22403} = (2, 27, 20, 1)$
639 : $P_{22410} = (9, 27, 20, 1)$
640 : $P_{22489} = (24, 29, 20, 1)$
641 : $P_{22496} = (31, 29, 20, 1)$
642 : $P_{22518} = (21, 30, 20, 1)$
643 : $P_{22546} = (17, 31, 20, 1)$
644 : $P_{22559} = (30, 31, 20, 1)$
645 : $P_{22595} = (2, 1, 21, 1)$
646 : $P_{22615} = (22, 1, 21, 1)$
647 : $P_{22680} = (23, 3, 21, 1)$
648 : $P_{22687} = (30, 3, 21, 1)$
649 : $P_{22756} = (3, 6, 21, 1)$
650 : $P_{22777} = (24, 6, 21, 1)$
651 : $P_{22786} = (1, 7, 21, 1)$
652 : $P_{22809} = (24, 7, 21, 1)$
653 : $P_{22850} = (1, 9, 21, 1)$
654 : $P_{22865} = (16, 9, 21, 1)$
655 : $P_{22903} = (22, 10, 21, 1)$
656 : $P_{22907} = (26, 10, 21, 1)$
657 : $P_{22980} = (3, 13, 21, 1)$
658 : $P_{23002} = (25, 13, 21, 1)$
659 : $P_{23018} = (9, 14, 21, 1)$
660 : $P_{23035} = (26, 14, 21, 1)$
661 : $P_{23107} = (2, 17, 21, 1)$
662 : $P_{23120} = (15, 17, 21, 1)$
663 : $P_{23192} = (23, 19, 21, 1)$
664 : $P_{23200} = (31, 19, 21, 1)$
665 : $P_{23232} = (31, 20, 21, 1)$
666 : $P_{23248} = (15, 21, 21, 1)$
667 : $P_{23306} = (9, 23, 21, 1)$
668 : $P_{23322} = (25, 23, 21, 1)$
669 : $P_{23413} = (20, 26, 21, 1)$
670 : $P_{23569} = (16, 31, 21, 1)$
671 : $P_{23583} = (30, 31, 21, 1)$
672 : $P_{23619} = (2, 1, 22, 1)$
673 : $P_{23638} = (21, 1, 22, 1)$
674 : $P_{23688} = (7, 3, 22, 1)$
675 : $P_{23694} = (13, 3, 22, 1)$
676 : $P_{23728} = (15, 4, 22, 1)$
677 : $P_{23729} = (16, 4, 22, 1)$
678 : $P_{23761} = (16, 5, 22, 1)$
679 : $P_{23762} = (17, 5, 22, 1)$
680 : $P_{23864} = (23, 8, 22, 1)$
681 : $P_{23881} = (8, 9, 22, 1)$
682 : $P_{23899} = (26, 9, 22, 1)$
683 : $P_{23938} = (1, 11, 22, 1)$
684 : $P_{23944} = (7, 11, 22, 1)$
685 : $P_{24009} = (8, 13, 22, 1)$
686 : $P_{24018} = (17, 13, 22, 1)$
687 : $P_{24099} = (2, 16, 22, 1)$
688 : $P_{24128} = (31, 16, 22, 1)$
689 : $P_{24133} = (4, 17, 22, 1)$
690 : $P_{24139} = (10, 17, 22, 1)$
691 : $P_{24171} = (10, 18, 22, 1)$
692 : $P_{24191} = (30, 18, 22, 1)$
693 : $P_{24226} = (1, 20, 22, 1)$
694 : $P_{24234} = (9, 20, 22, 1)$
695 : $P_{24319} = (30, 22, 22, 1)$
696 : $P_{24325} = (4, 23, 22, 1)$
697 : $P_{24394} = (9, 25, 22, 1)$
698 : $P_{24406} = (21, 25, 22, 1)$
699 : $P_{24539} = (26, 29, 22, 1)$
700 : $P_{24544} = (31, 29, 22, 1)$
701 : $P_{24558} = (13, 30, 22, 1)$
702 : $P_{24560} = (15, 30, 22, 1)$
703 : $P_{24647} = (6, 1, 23, 1)$
704 : $P_{24657} = (16, 1, 23, 1)$
705 : $P_{24690} = (17, 2, 23, 1)$
706 : $P_{24693} = (20, 2, 23, 1)$
707 : $P_{24791} = (22, 5, 23, 1)$
708 : $P_{24848} = (15, 7, 23, 1)$
709 : $P_{24853} = (20, 7, 23, 1)$
710 : $P_{24905} = (8, 9, 23, 1)$
711 : $P_{24924} = (27, 9, 23, 1)$
712 : $P_{24936} = (7, 10, 23, 1)$
713 : $P_{24938} = (9, 10, 23, 1)$
714 : $P_{25090} = (1, 15, 23, 1)$
715 : $P_{25116} = (27, 15, 23, 1)$
716 : $P_{25160} = (7, 17, 23, 1)$
717 : $P_{25161} = (8, 17, 23, 1)$
718 : $P_{25222} = (5, 19, 23, 1)$
719 : $P_{25232} = (15, 19, 23, 1)$
720 : $P_{25322} = (9, 22, 23, 1)$
721 : $P_{25363} = (18, 23, 23, 1)$
722 : $P_{25457} = (16, 26, 23, 1)$
723 : $P_{25459} = (18, 26, 23, 1)$
724 : $P_{25506} = (1, 28, 23, 1)$
725 : $P_{25526} = (21, 28, 23, 1)$
726 : $P_{25554} = (17, 29, 23, 1)$
727 : $P_{25558} = (21, 29, 23, 1)$

728 : $P_{25574} = (5, 30, 23, 1)$
729 : $P_{25575} = (6, 30, 23, 1)$
730 : $P_{25678} = (13, 1, 24, 1)$
731 : $P_{25685} = (20, 1, 24, 1)$
732 : $P_{25738} = (9, 3, 24, 1)$
733 : $P_{25742} = (13, 3, 24, 1)$
734 : $P_{25773} = (12, 4, 24, 1)$
735 : $P_{25790} = (29, 4, 24, 1)$
736 : $P_{25906} = (17, 8, 24, 1)$
737 : $P_{25920} = (31, 8, 24, 1)$
738 : $P_{25987} = (2, 11, 24, 1)$
739 : $P_{25995} = (10, 11, 24, 1)$
740 : $P_{26027} = (10, 12, 24, 1)$
741 : $P_{26038} = (21, 12, 24, 1)$
742 : $P_{26092} = (11, 14, 24, 1)$
743 : $P_{26102} = (21, 14, 24, 1)$
744 : $P_{26202} = (25, 17, 24, 1)$
745 : $P_{26258} = (17, 19, 24, 1)$
746 : $P_{26261} = (20, 19, 24, 1)$
747 : $P_{26334} = (29, 21, 24, 1)$
748 : $P_{26336} = (31, 21, 24, 1)$
749 : $P_{26349} = (12, 22, 24, 1)$
750 : $P_{26365} = (28, 22, 24, 1)$
751 : $P_{26370} = (1, 23, 24, 1)$
752 : $P_{26397} = (28, 23, 24, 1)$
753 : $P_{26410} = (9, 24, 24, 1)$
754 : $P_{26444} = (11, 25, 24, 1)$
755 : $P_{26626} = (1, 31, 24, 1)$
756 : $P_{26627} = (2, 31, 24, 1)$
757 : $P_{26693} = (4, 1, 25, 1)$
758 : $P_{26717} = (28, 1, 25, 1)$
759 : $P_{26838} = (21, 5, 25, 1)$
760 : $P_{26844} = (27, 5, 25, 1)$
761 : $P_{26860} = (11, 6, 25, 1)$
762 : $P_{26877} = (28, 6, 25, 1)$
763 : $P_{26959} = (14, 9, 25, 1)$
764 : $P_{26964} = (19, 9, 25, 1)$
765 : $P_{27001} = (24, 10, 25, 1)$
766 : $P_{27012} = (3, 11, 25, 1)$
767 : $P_{27019} = (10, 11, 25, 1)$
768 : $P_{27055} = (14, 12, 25, 1)$
769 : $P_{27057} = (16, 12, 25, 1)$
770 : $P_{27077} = (4, 13, 25, 1)$
771 : $P_{27091} = (18, 13, 25, 1)$
772 : $P_{27138} = (1, 15, 25, 1)$
773 : $P_{27158} = (21, 15, 25, 1)$
774 : $P_{27182} = (13, 16, 25, 1)$
775 : $P_{27200} = (31, 16, 25, 1)$
776 : $P_{27213} = (12, 17, 25, 1)$
777 : $P_{27214} = (13, 17, 25, 1)$
778 : $P_{27292} = (27, 19, 25, 1)$
779 : $P_{27296} = (31, 19, 25, 1)$
780 : $P_{27364} = (3, 22, 25, 1)$
781 : $P_{27379} = (18, 22, 25, 1)$
782 : $P_{27441} = (16, 24, 25, 1)$
783 : $P_{27476} = (19, 25, 25, 1)$
784 : $P_{27531} = (10, 27, 25, 1)$
785 : $P_{27533} = (12, 27, 25, 1)$
786 : $P_{27586} = (1, 29, 25, 1)$
787 : $P_{27596} = (11, 29, 25, 1)$
788 : $P_{27779} = (2, 3, 26, 1)$
789 : $P_{27781} = (4, 3, 26, 1)$
790 : $P_{27814} = (5, 4, 26, 1)$
791 : $P_{27831} = (22, 4, 26, 1)$
792 : $P_{27843} = (2, 5, 26, 1)$
793 : $P_{27856} = (15, 5, 26, 1)$
794 : $P_{27874} = (1, 6, 26, 1)$
795 : $P_{27894} = (21, 6, 26, 1)$
796 : $P_{27911} = (6, 7, 26, 1)$
797 : $P_{27921} = (16, 7, 26, 1)$
798 : $P_{27938} = (1, 8, 26, 1)$
799 : $P_{27950} = (13, 8, 26, 1)$
800 : $P_{28005} = (4, 10, 26, 1)$
801 : $P_{28008} = (7, 10, 26, 1)$
802 : $P_{28040} = (7, 11, 26, 1)$
803 : $P_{28046} = (13, 11, 26, 1)$
804 : $P_{28263} = (6, 18, 26, 1)$
805 : $P_{28287} = (30, 18, 26, 1)$
806 : $P_{28306} = (17, 19, 26, 1)$
807 : $P_{28311} = (22, 19, 26, 1)$
808 : $P_{28380} = (27, 21, 26, 1)$
809 : $P_{28486} = (5, 25, 26, 1)$
810 : $P_{28502} = (21, 25, 26, 1)$
811 : $P_{28528} = (15, 26, 26, 1)$
812 : $P_{28575} = (30, 27, 26, 1)$
813 : $P_{28689} = (16, 31, 26, 1)$
814 : $P_{28690} = (17, 31, 26, 1)$
815 : $P_{28744} = (7, 1, 27, 1)$
816 : $P_{28766} = (29, 1, 27, 1)$
817 : $P_{28773} = (4, 2, 27, 1)$
818 : $P_{28782} = (13, 2, 27, 1)$
819 : $P_{28803} = (2, 3, 27, 1)$
820 : $P_{28806} = (5, 3, 27, 1)$
821 : $P_{28838} = (5, 4, 27, 1)$
822 : $P_{28856} = (23, 4, 27, 1)$
823 : $P_{28935} = (6, 7, 27, 1)$
824 : $P_{28946} = (17, 7, 27, 1)$
825 : $P_{28995} = (2, 9, 27, 1)$
826 : $P_{29022} = (29, 9, 27, 1)$
827 : $P_{29073} = (16, 11, 27, 1)$
828 : $P_{29084} = (27, 11, 27, 1)$
829 : $P_{29103} = (14, 12, 27, 1)$
830 : $P_{29107} = (18, 12, 27, 1)$
831 : $P_{29124} = (3, 13, 27, 1)$
832 : $P_{29144} = (23, 13, 27, 1)$
833 : $P_{29191} = (6, 15, 27, 1)$
834 : $P_{29201} = (16, 15, 27, 1)$
835 : $P_{29228} = (11, 16, 27, 1)$

836 : $P_{29244} = (27, 16, 27, 1)$
837 : $P_{29356} = (11, 20, 27, 1)$
838 : $P_{29359} = (14, 20, 27, 1)$
839 : $P_{29389} = (12, 21, 27, 1)$
840 : $P_{29390} = (13, 21, 27, 1)$
841 : $P_{29448} = (7, 23, 27, 1)$
842 : $P_{29466} = (25, 23, 27, 1)$
843 : $P_{29508} = (3, 25, 27, 1)$
844 : $P_{29523} = (18, 25, 27, 1)$
845 : $P_{29557} = (20, 26, 27, 1)$
846 : $P_{29573} = (4, 27, 27, 1)$
847 : $P_{29613} = (12, 28, 27, 1)$
848 : $P_{29621} = (20, 28, 27, 1)$
849 : $P_{29650} = (17, 29, 27, 1)$
850 : $P_{29658} = (25, 29, 27, 1)$
851 : $P_{29723} = (26, 31, 27, 1)$
852 : $P_{29765} = (4, 1, 28, 1)$
853 : $P_{29786} = (25, 1, 28, 1)$
854 : $P_{29854} = (29, 3, 28, 1)$
855 : $P_{29908} = (19, 5, 28, 1)$
856 : $P_{29913} = (24, 5, 28, 1)$
857 : $P_{30003} = (18, 8, 28, 1)$
858 : $P_{30009} = (24, 8, 28, 1)$
859 : $P_{30082} = (1, 11, 28, 1)$
860 : $P_{30094} = (13, 11, 28, 1)$
861 : $P_{30117} = (4, 12, 28, 1)$
862 : $P_{30144} = (31, 12, 28, 1)$
863 : $P_{30180} = (3, 14, 28, 1)$
864 : $P_{30202} = (25, 14, 28, 1)$
865 : $P_{30318} = (13, 18, 28, 1)$
866 : $P_{30324} = (19, 18, 28, 1)$
867 : $P_{30374} = (5, 20, 28, 1)$
868 : $P_{30376} = (7, 20, 28, 1)$
869 : $P_{30402} = (1, 21, 28, 1)$
870 : $P_{30408} = (7, 21, 28, 1)$
871 : $P_{30503} = (6, 24, 28, 1)$
872 : $P_{30508} = (11, 24, 28, 1)$
873 : $P_{30598} = (5, 27, 28, 1)$
874 : $P_{30599} = (6, 27, 28, 1)$
875 : $P_{30656} = (31, 28, 28, 1)$
876 : $P_{30675} = (18, 29, 28, 1)$
877 : $P_{30692} = (3, 30, 28, 1)$
878 : $P_{30700} = (11, 30, 28, 1)$
879 : $P_{30792} = (7, 1, 29, 1)$
880 : $P_{30812} = (27, 1, 29, 1)$
881 : $P_{30821} = (4, 2, 29, 1)$
882 : $P_{30828} = (11, 2, 29, 1)$
883 : $P_{30853} = (4, 3, 29, 1)$
884 : $P_{30854} = (5, 3, 29, 1)$
885 : $P_{30896} = (15, 4, 29, 1)$
886 : $P_{30908} = (27, 4, 29, 1)$
887 : $P_{30915} = (2, 5, 29, 1)$
888 : $P_{30921} = (8, 5, 29, 1)$
889 : $P_{30946} = (1, 6, 29, 1)$
890 : $P_{30963} = (18, 6, 29, 1)$
891 : $P_{31042} = (1, 9, 29, 1)$
892 : $P_{31065} = (24, 9, 29, 1)$
893 : $P_{31212} = (11, 14, 29, 1)$
894 : $P_{31217} = (16, 14, 29, 1)$
895 : $P_{31270} = (5, 16, 29, 1)$
896 : $P_{31284} = (19, 16, 29, 1)$
897 : $P_{31341} = (12, 18, 29, 1)$
898 : $P_{31348} = (19, 18, 29, 1)$
899 : $P_{31389} = (28, 19, 29, 1)$
900 : $P_{31405} = (12, 20, 29, 1)$
901 : $P_{31408} = (15, 20, 29, 1)$
902 : $P_{31464} = (7, 22, 29, 1)$
903 : $P_{31475} = (18, 22, 29, 1)$
904 : $P_{31601} = (16, 26, 29, 1)$
905 : $P_{31609} = (24, 26, 29, 1)$
906 : $P_{31651} = (2, 28, 29, 1)$
907 : $P_{31695} = (14, 29, 29, 1)$
908 : $P_{31753} = (8, 31, 29, 1)$
909 : $P_{31759} = (14, 31, 29, 1)$
910 : $P_{31863} = (22, 2, 30, 1)$
911 : $P_{31867} = (26, 2, 30, 1)$
912 : $P_{32055} = (22, 8, 30, 1)$
913 : $P_{32063} = (30, 8, 30, 1)$
914 : $P_{32079} = (14, 9, 30, 1)$
915 : $P_{32085} = (20, 9, 30, 1)$
916 : $P_{32171} = (10, 12, 30, 1)$
917 : $P_{32180} = (19, 12, 30, 1)$
918 : $P_{32295} = (6, 16, 30, 1)$
919 : $P_{32308} = (19, 16, 30, 1)$
920 : $P_{32386} = (1, 19, 30, 1)$
921 : $P_{32387} = (2, 19, 30, 1)$
922 : $P_{32448} = (31, 20, 30, 1)$
923 : $P_{32451} = (2, 21, 30, 1)$
924 : $P_{32455} = (6, 21, 30, 1)$
925 : $P_{32489} = (8, 22, 30, 1)$
926 : $P_{32511} = (30, 22, 30, 1)$
927 : $P_{32546} = (1, 24, 30, 1)$
928 : $P_{32559} = (14, 24, 30, 1)$
929 : $P_{32661} = (20, 27, 30, 1)$
930 : $P_{32662} = (21, 27, 30, 1)$
931 : $P_{32681} = (8, 28, 30, 1)$
932 : $P_{32694} = (21, 28, 30, 1)$
933 : $P_{32747} = (10, 30, 30, 1)$
934 : $P_{32795} = (26, 31, 30, 1)$
935 : $P_{32925} = (28, 3, 31, 1)$
936 : $P_{32928} = (31, 3, 31, 1)$
937 : $P_{33040} = (15, 7, 31, 1)$
938 : $P_{33053} = (28, 7, 31, 1)$
939 : $P_{33061} = (4, 8, 31, 1)$
940 : $P_{33070} = (13, 8, 31, 1)$
941 : $P_{33139} = (18, 10, 31, 1)$
942 : $P_{33141} = (20, 10, 31, 1)$
943 : $P_{33175} = (22, 11, 31, 1)$

944 : $P_{33178} = (25, 11, 31, 1)$
945 : $P_{33429} = (20, 19, 31, 1)$
946 : $P_{33431} = (22, 19, 31, 1)$
947 : $P_{33520} = (15, 22, 31, 1)$
948 : $P_{33529} = (24, 22, 31, 1)$
949 : $P_{33572} = (3, 24, 31, 1)$
950 : $P_{33582} = (13, 24, 31, 1)$
951 : $P_{33651} = (18, 26, 31, 1)$
952 : $P_{33657} = (24, 26, 31, 1)$
953 : $P_{33695} = (30, 27, 31, 1)$
954 : $P_{33700} = (3, 28, 31, 1)$
955 : $P_{33728} = (31, 28, 31, 1)$
956 : $P_{33750} = (21, 29, 31, 1)$
957 : $P_{33754} = (25, 29, 31, 1)$
958 : $P_{33782} = (21, 30, 31, 1)$
959 : $P_{33797} = (4, 31, 31, 1)$

Line Intersection Graph

	0 1 2 3 4
0	0 0 1 0 0
1	0 0 1 1 0
2	1 1 0 1 1
3	0 1 1 0 0
4	0 0 1 0 0

Neighbor sets in the line intersection graph:
Line 0 intersects

Line	ℓ_2
in point	P_2

Line 1 intersects

Line	ℓ_2	ℓ_3
in point	P_3	P_3

Line 2 intersects

Line	ℓ_0	ℓ_1	ℓ_3	ℓ_4
in point	P_2	P_3	P_3	P_{2082}

Line 3 intersects

Line	ℓ_1	ℓ_2
in point	P_3	P_3

Line 4 intersects

Line	ℓ_2
in point	P_{2082}

The surface has 1121 points:
Too many to print.