

Rank-34 over GF(8)

January 15, 2021

The equation

The equation of the surface is :

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

(1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0)

The point rank of the equation over GF(8) is 610

General information

Number of lines	217
Number of points	201
Number of singular points	9
Number of Eckardt points	0
Number of double points	0
Number of single points	0
Number of points off lines	0
Number of Hesse planes	0
Number of axes	0
Type of points on lines	9^{217}
Type of lines on points	$25^9, 9^{192}$

Singular Points

The surface has 9 singular points:

$$0 : P_2 = \mathbf{P}(0, 0, 1, 0) = \mathbf{P}(0, 0, 1, 0)$$

$$1 : P_3 = \mathbf{P}(0, 0, 0, 1) = \mathbf{P}(0, 0, 0, 1)$$

$$2 : P_{138} = \mathbf{P}(0, 0, 1, 1) = \mathbf{P}(0, 0, 1, 1)$$

$$3 : P_{201} = \mathbf{P}(0, 0, \gamma, 1) = \mathbf{P}(0, 0, 2, 1)$$

$$4 : P_{265} = \mathbf{P}(0, 0, \gamma^5, 1) = \mathbf{P}(0, 0, 3, 1)$$

$$5 : P_{329} = \mathbf{P}(0, 0, \gamma^2, 1) = \mathbf{P}(0, 0, 4, 1)$$

$$6 : P_{393} = \mathbf{P}(0, 0, \gamma^3, 1) = \mathbf{P}(0, 0, 5, 1)$$

$$7 : P_{457} = \mathbf{P}(0, 0, \gamma^6, 1) = \mathbf{P}(0, 0, 6, 1)$$

$$8 : P_{521} = \mathbf{P}(0, 0, \gamma^4, 1) = \mathbf{P}(0, 0, 7, 1)$$

The 217 Lines

The lines and their Pluecker coordinates are:

$$\begin{aligned}
\ell_0 &= \begin{bmatrix} 1 & \gamma^5 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{283} = \begin{bmatrix} 1 & 3 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{283} = \mathbf{Pl}(0, 0, 4, 0, 0, 1)_{709} \\
\ell_1 &= \begin{bmatrix} 1 & \gamma^3 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{429} = \begin{bmatrix} 1 & 5 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{429} = \mathbf{Pl}(0, 0, 7, 0, 0, 1)_{754} \\
\ell_2 &= \begin{bmatrix} 1 & \gamma^6 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{502} = \begin{bmatrix} 1 & 6 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{502} = \mathbf{Pl}(0, 0, 2, 0, 0, 1)_{679} \\
\ell_3 &= \begin{bmatrix} 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4744} = \begin{bmatrix} 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4744} = \mathbf{Pl}(0, 1, 0, 0, 0, 0)_1 \\
\ell_4 &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4006} = \begin{bmatrix} 1 & 6 & 0 & 6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4006} = \mathbf{Pl}(0, 1, 2, 0, 0, 1)_{687} \\
\ell_5 &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^5 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2035} = \begin{bmatrix} 1 & 3 & 0 & 3 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2035} = \mathbf{Pl}(0, 1, 4, 0, 0, 1)_{717} \\
\ell_6 &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^3 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3349} = \begin{bmatrix} 1 & 5 & 0 & 5 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3349} = \mathbf{Pl}(0, 1, 7, 0, 0, 1)_{762} \\
\ell_7 &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2765} = \begin{bmatrix} 1 & 5 & 0 & 4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2765} = \mathbf{Pl}(0, 6, 7, 0, 0, 1)_{767} \\
\ell_8 &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^5 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2254} = \begin{bmatrix} 1 & 6 & 0 & 3 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2254} = \mathbf{Pl}(0, 6, 2, 0, 0, 1)_{692} \\
\ell_9 &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4371} = \begin{bmatrix} 1 & 3 & 0 & 7 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4371} = \mathbf{Pl}(0, 6, 4, 0, 0, 1)_{722} \\
\ell_{10} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{867} = \begin{bmatrix} 1 & 3 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{867} = \mathbf{Pl}(0, 4, 4, 0, 0, 1)_{720} \\
\ell_{11} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^5 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2181} = \begin{bmatrix} 1 & 5 & 0 & 3 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2181} = \mathbf{Pl}(0, 4, 7, 0, 0, 1)_{765} \\
\ell_{12} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1670} = \begin{bmatrix} 1 & 6 & 0 & 2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1670} = \mathbf{Pl}(0, 4, 2, 0, 0, 1)_{690} \\
\ell_{13} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4590} = \begin{bmatrix} 1 & 6 & 0 & 7 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4590} = \mathbf{Pl}(0, 3, 2, 0, 0, 1)_{689} \\
\ell_{14} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1597} = \begin{bmatrix} 1 & 5 & 0 & 2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1597} = \mathbf{Pl}(0, 3, 7, 0, 0, 1)_{764} \\
\ell_{15} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^3 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3203} = \begin{bmatrix} 1 & 3 & 0 & 5 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3203} = \mathbf{Pl}(0, 3, 4, 0, 0, 1)_{719} \\
\ell_{16} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1013} = \begin{bmatrix} 1 & 5 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1013} = \mathbf{Pl}(0, 7, 7, 0, 0, 1)_{768} \\
\ell_{17} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2619} = \begin{bmatrix} 1 & 3 & 0 & 4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2619} = \mathbf{Pl}(0, 7, 4, 0, 0, 1)_{723} \\
\ell_{18} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^3 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3422} = \begin{bmatrix} 1 & 6 & 0 & 5 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3422} = \mathbf{Pl}(0, 7, 2, 0, 0, 1)_{693} \\
\ell_{19} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1086} = \begin{bmatrix} 1 & 6 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1086} = \mathbf{Pl}(0, 2, 2, 0, 0, 1)_{688}
\end{aligned}$$

$$\begin{aligned}
\ell_{20} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3787} = \begin{bmatrix} 1 & 3 & 0 & 6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3787} = \mathbf{Pl}(0, 2, 4, 0, 0, 1)_{718} \\
\ell_{21} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4517} = \begin{bmatrix} 1 & 5 & 0 & 7 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4517} = \mathbf{Pl}(0, 2, 7, 0, 0, 1)_{763} \\
\ell_{22} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3933} = \begin{bmatrix} 1 & 5 & 0 & 6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3933} = \mathbf{Pl}(0, 5, 7, 0, 0, 1)_{766} \\
\ell_{23} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2838} = \begin{bmatrix} 1 & 6 & 0 & 4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2838} = \mathbf{Pl}(0, 5, 2, 0, 0, 1)_{691} \\
\ell_{24} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1451} = \begin{bmatrix} 1 & 3 & 0 & 2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1451} = \mathbf{Pl}(0, 5, 4, 0, 0, 1)_{721} \\
\ell_{25} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{510} = \begin{bmatrix} 1 & 6 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{510} = \mathbf{Pl}(0, 0, 0, 6, 1, 0)_{276} \\
\ell_{26} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{503} = \begin{bmatrix} 1 & 6 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{503} = \mathbf{Pl}(0, 0, 1, 1, 2, 1)_{1826} \\
\ell_{27} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 0 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{508} = \begin{bmatrix} 1 & 6 & 0 & 0 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{508} = \mathbf{Pl}(0, 0, 2, 6, 1, 1)_{1337} \\
\ell_{28} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 0 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{506} = \begin{bmatrix} 1 & 6 & 0 & 0 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{506} = \mathbf{Pl}(0, 0, 3, 4, 5, 1)_{3368} \\
\ell_{29} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 0 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{505} = \begin{bmatrix} 1 & 6 & 0 & 0 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{505} = \mathbf{Pl}(0, 0, 4, 3, 6, 1)_{3887} \\
\ell_{30} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 0 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{509} = \begin{bmatrix} 1 & 6 & 0 & 0 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{509} = \mathbf{Pl}(0, 0, 5, 7, 3, 1)_{2390} \\
\ell_{31} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 0 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{504} = \begin{bmatrix} 1 & 6 & 0 & 0 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{504} = \mathbf{Pl}(0, 0, 6, 2, 4, 1)_{2909} \\
\ell_{32} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 0 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{507} = \begin{bmatrix} 1 & 6 & 0 & 0 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{507} = \mathbf{Pl}(0, 0, 7, 5, 7, 1)_{4436} \\
\ell_{33} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{291} = \begin{bmatrix} 1 & 3 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{291} = \mathbf{Pl}(0, 0, 0, 3, 1, 0)_{231} \\
\ell_{34} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{284} = \begin{bmatrix} 1 & 3 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{284} = \mathbf{Pl}(0, 0, 1, 1, 4, 1)_{2834} \\
\ell_{35} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 0 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{289} = \begin{bmatrix} 1 & 3 & 0 & 0 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{289} = \mathbf{Pl}(0, 0, 2, 6, 2, 1)_{1841} \\
\ell_{36} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 0 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{287} = \begin{bmatrix} 1 & 3 & 0 & 0 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{287} = \mathbf{Pl}(0, 0, 3, 4, 7, 1)_{4376} \\
\ell_{37} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 0 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{286} = \begin{bmatrix} 1 & 3 & 0 & 0 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{286} = \mathbf{Pl}(0, 0, 4, 3, 1, 1)_{1367} \\
\ell_{38} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 0 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{290} = \begin{bmatrix} 1 & 3 & 0 & 0 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{290} = \mathbf{Pl}(0, 0, 5, 7, 6, 1)_{3902} \\
\ell_{39} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 0 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{285} = \begin{bmatrix} 1 & 3 & 0 & 0 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{285} = \mathbf{Pl}(0, 0, 6, 2, 5, 1)_{3413} \\
\ell_{40} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 0 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{288} = \begin{bmatrix} 1 & 3 & 0 & 0 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{288} = \mathbf{Pl}(0, 0, 7, 5, 3, 1)_{2420}
\end{aligned}$$

$$\begin{aligned}
\ell_{41} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{437} = \begin{bmatrix} 1 & 5 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{437} = \mathbf{Pl}(0, 0, 0, 5, 1, 0)_{261} \\
\ell_{42} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{430} = \begin{bmatrix} 1 & 5 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{430} = \mathbf{Pl}(0, 0, 1, 1, 7, 1)_{4346} \\
\ell_{43} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 0 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{435} = \begin{bmatrix} 1 & 5 & 0 & 0 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{435} = \mathbf{Pl}(0, 0, 2, 6, 5, 1)_{3353} \\
\ell_{44} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 0 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{433} = \begin{bmatrix} 1 & 5 & 0 & 0 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{433} = \mathbf{Pl}(0, 0, 3, 4, 6, 1)_{3872} \\
\ell_{45} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 0 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{432} = \begin{bmatrix} 1 & 5 & 0 & 0 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{432} = \mathbf{Pl}(0, 0, 4, 3, 4, 1)_{2879} \\
\ell_{46} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 0 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{436} = \begin{bmatrix} 1 & 5 & 0 & 0 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{436} = \mathbf{Pl}(0, 0, 5, 7, 2, 1)_{1886} \\
\ell_{47} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 0 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{431} = \begin{bmatrix} 1 & 5 & 0 & 0 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{431} = \mathbf{Pl}(0, 0, 6, 2, 3, 1)_{2405} \\
\ell_{48} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 0 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{434} = \begin{bmatrix} 1 & 5 & 0 & 0 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{434} = \mathbf{Pl}(0, 0, 7, 5, 1, 1)_{1412} \\
\ell_{49} &= \begin{bmatrix} 1 & \gamma^6 & \gamma^6 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4014} = \begin{bmatrix} 1 & 6 & 6 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4014} = \mathbf{Pl}(0, 6, 0, 6, 1, 0)_{289} \\
\ell_{50} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^6 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4007} = \begin{bmatrix} 1 & 6 & 0 & 6 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4007} = \mathbf{Pl}(0, 1, 1, 1, 2, 1)_{1834} \\
\ell_{51} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2260} = \begin{bmatrix} 1 & 6 & 0 & 3 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{2260} = \mathbf{Pl}(0, 6, 2, 6, 1, 1)_{1350} \\
\ell_{52} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{1674} = \begin{bmatrix} 1 & 6 & 0 & 2 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{1674} = \mathbf{Pl}(0, 4, 3, 4, 5, 1)_{3379} \\
\ell_{53} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4593} = \begin{bmatrix} 1 & 6 & 0 & 7 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4593} = \mathbf{Pl}(0, 3, 4, 3, 6, 1)_{3897} \\
\ell_{54} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{3429} = \begin{bmatrix} 1 & 6 & 0 & 5 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{3429} = \mathbf{Pl}(0, 7, 5, 7, 3, 1)_{2404} \\
\ell_{55} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 1 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{1088} = \begin{bmatrix} 1 & 6 & 0 & 1 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{1088} = \mathbf{Pl}(0, 2, 6, 2, 4, 1)_{2918} \\
\ell_{56} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{2843} = \begin{bmatrix} 1 & 6 & 0 & 4 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2843} = \mathbf{Pl}(0, 5, 7, 5, 7, 1)_{4448} \\
\ell_{57} &= \begin{bmatrix} 1 & \gamma^5 & \gamma^5 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2043} = \begin{bmatrix} 1 & 3 & 3 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2043} = \mathbf{Pl}(0, 3, 0, 3, 1, 0)_{241} \\
\ell_{58} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^5 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2036} = \begin{bmatrix} 1 & 3 & 0 & 3 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2036} = \mathbf{Pl}(0, 1, 1, 1, 4, 1)_{2842} \\
\ell_{59} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{4377} = \begin{bmatrix} 1 & 3 & 0 & 7 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{4377} = \mathbf{Pl}(0, 6, 2, 6, 2, 1)_{1854} \\
\ell_{60} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 1 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{871} = \begin{bmatrix} 1 & 3 & 0 & 1 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{871} = \mathbf{Pl}(0, 4, 3, 4, 7, 1)_{4387} \\
\ell_{61} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3206} = \begin{bmatrix} 1 & 3 & 0 & 5 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3206} = \mathbf{Pl}(0, 3, 4, 3, 1, 1)_{1377}
\end{aligned}$$

$$\begin{aligned}
\ell_{62} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{2626} = \begin{bmatrix} 1 & 3 & 0 & 4 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{2626} = \mathbf{Pl}(0, 7, 5, 7, 6, 1)_{3916} \\
\ell_{63} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{3789} = \begin{bmatrix} 1 & 3 & 0 & 6 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{3789} = \mathbf{Pl}(0, 2, 6, 2, 5, 1)_{3422} \\
\ell_{64} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{1456} = \begin{bmatrix} 1 & 3 & 0 & 2 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{1456} = \mathbf{Pl}(0, 5, 7, 5, 3, 1)_{2432} \\
\ell_{65} &= \begin{bmatrix} 1 & \gamma^3 & \gamma^3 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3357} = \begin{bmatrix} 1 & 5 & 5 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3357} = \mathbf{Pl}(0, 5, 0, 5, 1, 0)_{273} \\
\ell_{66} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^3 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3350} = \begin{bmatrix} 1 & 5 & 0 & 5 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3350} = \mathbf{Pl}(0, 1, 1, 1, 7, 1)_{4354} \\
\ell_{67} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2771} = \begin{bmatrix} 1 & 5 & 0 & 4 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{2771} = \mathbf{Pl}(0, 6, 2, 6, 5, 1)_{3366} \\
\ell_{68} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{2185} = \begin{bmatrix} 1 & 5 & 0 & 3 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{2185} = \mathbf{Pl}(0, 4, 3, 4, 6, 1)_{3883} \\
\ell_{69} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1600} = \begin{bmatrix} 1 & 5 & 0 & 2 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{1600} = \mathbf{Pl}(0, 3, 4, 3, 4, 1)_{2889} \\
\ell_{70} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 1 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{1020} = \begin{bmatrix} 1 & 5 & 0 & 1 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{1020} = \mathbf{Pl}(0, 7, 5, 7, 2, 1)_{1900} \\
\ell_{71} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{4519} = \begin{bmatrix} 1 & 5 & 0 & 7 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{4519} = \mathbf{Pl}(0, 2, 6, 2, 3, 1)_{2414} \\
\ell_{72} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3938} = \begin{bmatrix} 1 & 5 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3938} = \mathbf{Pl}(0, 5, 7, 5, 1, 1)_{1424} \\
\ell_{73} &= \begin{bmatrix} 1 & \gamma^3 & \gamma^2 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2773} = \begin{bmatrix} 1 & 5 & 4 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2773} = \mathbf{Pl}(0, 4, 0, 5, 1, 0)_{272} \\
\ell_{74} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{3351} = \begin{bmatrix} 1 & 5 & 0 & 5 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{3351} = \mathbf{Pl}(0, 1, 6, 2, 3, 1)_{2413} \\
\ell_{75} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^2 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2766} = \begin{bmatrix} 1 & 5 & 0 & 4 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2766} = \mathbf{Pl}(0, 6, 1, 1, 7, 1)_{4359} \\
\ell_{76} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{2186} = \begin{bmatrix} 1 & 5 & 0 & 3 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2186} = \mathbf{Pl}(0, 4, 7, 5, 1, 1)_{1423} \\
\ell_{77} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1603} = \begin{bmatrix} 1 & 5 & 0 & 2 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{1603} = \mathbf{Pl}(0, 3, 2, 6, 5, 1)_{3363} \\
\ell_{78} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 1 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1016} = \begin{bmatrix} 1 & 5 & 0 & 1 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{1016} = \mathbf{Pl}(0, 7, 4, 3, 4, 1)_{2893} \\
\ell_{79} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4521} = \begin{bmatrix} 1 & 5 & 0 & 7 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{4521} = \mathbf{Pl}(0, 2, 3, 4, 6, 1)_{3881} \\
\ell_{80} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{3940} = \begin{bmatrix} 1 & 5 & 0 & 6 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{3940} = \mathbf{Pl}(0, 5, 5, 7, 2, 1)_{1898} \\
\ell_{81} &= \begin{bmatrix} 1 & \gamma^6 & \gamma^5 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2262} = \begin{bmatrix} 1 & 6 & 3 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2262} = \mathbf{Pl}(0, 3, 0, 6, 1, 0)_{286} \\
\ell_{82} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{4008} = \begin{bmatrix} 1 & 6 & 0 & 6 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{4008} = \mathbf{Pl}(0, 1, 6, 2, 4, 1)_{2917}
\end{aligned}$$

$$\begin{aligned}
\ell_{83} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^5 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2255} = \begin{bmatrix} 1 & 6 & 0 & 3 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2255} = \mathbf{Pl}(0, 6, 1, 1, 2, 1)_{1839} \\
\ell_{84} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{1675} = \begin{bmatrix} 1 & 6 & 0 & 2 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{1675} = \mathbf{Pl}(0, 4, 7, 5, 7, 1)_{4447} \\
\ell_{85} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{4596} = \begin{bmatrix} 1 & 6 & 0 & 7 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{4596} = \mathbf{Pl}(0, 3, 2, 6, 1, 1)_{1347} \\
\ell_{86} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3425} = \begin{bmatrix} 1 & 6 & 0 & 5 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3425} = \mathbf{Pl}(0, 7, 4, 3, 6, 1)_{3901} \\
\ell_{87} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 1 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{1090} = \begin{bmatrix} 1 & 6 & 0 & 1 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{1090} = \mathbf{Pl}(0, 2, 3, 4, 5, 1)_{3377} \\
\ell_{88} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{2845} = \begin{bmatrix} 1 & 6 & 0 & 4 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{2845} = \mathbf{Pl}(0, 5, 5, 7, 3, 1)_{2402} \\
\ell_{89} &= \begin{bmatrix} 1 & \gamma^5 & \gamma^4 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4379} = \begin{bmatrix} 1 & 3 & 7 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4379} = \mathbf{Pl}(0, 7, 0, 3, 1, 0)_{245} \\
\ell_{90} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{2037} = \begin{bmatrix} 1 & 3 & 0 & 3 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{2037} = \mathbf{Pl}(0, 1, 6, 2, 5, 1)_{3421} \\
\ell_{91} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^4 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4372} = \begin{bmatrix} 1 & 3 & 0 & 7 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4372} = \mathbf{Pl}(0, 6, 1, 1, 4, 1)_{2847} \\
\ell_{92} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 1 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{872} = \begin{bmatrix} 1 & 3 & 0 & 1 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{872} = \mathbf{Pl}(0, 4, 7, 5, 3, 1)_{2431} \\
\ell_{93} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{3209} = \begin{bmatrix} 1 & 3 & 0 & 5 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{3209} = \mathbf{Pl}(0, 3, 2, 6, 2, 1)_{1851} \\
\ell_{94} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{2622} = \begin{bmatrix} 1 & 3 & 0 & 4 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{2622} = \mathbf{Pl}(0, 7, 4, 3, 1, 1)_{1381} \\
\ell_{95} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{3791} = \begin{bmatrix} 1 & 3 & 0 & 6 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{3791} = \mathbf{Pl}(0, 2, 3, 4, 7, 1)_{4385} \\
\ell_{96} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{1458} = \begin{bmatrix} 1 & 3 & 0 & 2 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{1458} = \mathbf{Pl}(0, 5, 5, 7, 6, 1)_{3914} \\
\ell_{97} &= \begin{bmatrix} 1 & \gamma^5 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{875} = \begin{bmatrix} 1 & 3 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{875} = \mathbf{Pl}(0, 1, 0, 3, 1, 0)_{239} \\
\ell_{98} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{2038} = \begin{bmatrix} 1 & 3 & 0 & 3 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{2038} = \mathbf{Pl}(0, 1, 4, 3, 1, 1)_{1375} \\
\ell_{99} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{4378} = \begin{bmatrix} 1 & 3 & 0 & 7 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4378} = \mathbf{Pl}(0, 6, 5, 7, 6, 1)_{3915} \\
\ell_{100} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{868} = \begin{bmatrix} 1 & 3 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{868} = \mathbf{Pl}(0, 4, 1, 1, 4, 1)_{2845} \\
\ell_{101} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3208} = \begin{bmatrix} 1 & 3 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3208} = \mathbf{Pl}(0, 3, 7, 5, 3, 1)_{2430} \\
\ell_{102} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{2623} = \begin{bmatrix} 1 & 3 & 0 & 4 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{2623} = \mathbf{Pl}(0, 7, 3, 4, 7, 1)_{4390} \\
\ell_{103} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{3793} = \begin{bmatrix} 1 & 3 & 0 & 6 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{3793} = \mathbf{Pl}(0, 2, 2, 6, 2, 1)_{1850}
\end{aligned}$$

$$\begin{aligned}
\ell_{104} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{1453} = \begin{bmatrix} 1 & 3 & 0 & 2 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{1453} = \mathbf{Pl}(0, 5, 6, 2, 5, 1)_{3425} \\
\ell_{105} &= \begin{bmatrix} 1 & \gamma^3 & \gamma^5 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2189} = \begin{bmatrix} 1 & 5 & 3 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2189} = \mathbf{Pl}(0, 3, 0, 5, 1, 0)_{271} \\
\ell_{106} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3352} = \begin{bmatrix} 1 & 5 & 0 & 5 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3352} = \mathbf{Pl}(0, 1, 4, 3, 4, 1)_{2887} \\
\ell_{107} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{2772} = \begin{bmatrix} 1 & 5 & 0 & 4 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{2772} = \mathbf{Pl}(0, 6, 5, 7, 2, 1)_{1899} \\
\ell_{108} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^5 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2182} = \begin{bmatrix} 1 & 5 & 0 & 3 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2182} = \mathbf{Pl}(0, 4, 1, 1, 7, 1)_{4357} \\
\ell_{109} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{1602} = \begin{bmatrix} 1 & 5 & 0 & 2 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{1602} = \mathbf{Pl}(0, 3, 7, 5, 1, 1)_{1422} \\
\ell_{110} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 1 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{1017} = \begin{bmatrix} 1 & 5 & 0 & 1 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{1017} = \mathbf{Pl}(0, 7, 3, 4, 6, 1)_{3886} \\
\ell_{111} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{4523} = \begin{bmatrix} 1 & 5 & 0 & 7 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{4523} = \mathbf{Pl}(0, 2, 2, 6, 5, 1)_{3362} \\
\ell_{112} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{3935} = \begin{bmatrix} 1 & 5 & 0 & 6 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{3935} = \mathbf{Pl}(0, 5, 6, 2, 3, 1)_{2417} \\
\ell_{113} &= \begin{bmatrix} 1 & \gamma^6 & \gamma & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1678} = \begin{bmatrix} 1 & 6 & 2 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1678} = \mathbf{Pl}(0, 2, 0, 6, 1, 0)_{285} \\
\ell_{114} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4009} = \begin{bmatrix} 1 & 6 & 0 & 6 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4009} = \mathbf{Pl}(0, 1, 4, 3, 6, 1)_{3895} \\
\ell_{115} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{2261} = \begin{bmatrix} 1 & 6 & 0 & 3 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{2261} = \mathbf{Pl}(0, 6, 5, 7, 3, 1)_{2403} \\
\ell_{116} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1671} = \begin{bmatrix} 1 & 6 & 0 & 2 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1671} = \mathbf{Pl}(0, 4, 1, 1, 2, 1)_{1837} \\
\ell_{117} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4595} = \begin{bmatrix} 1 & 6 & 0 & 7 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4595} = \mathbf{Pl}(0, 3, 7, 5, 7, 1)_{4446} \\
\ell_{118} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{3426} = \begin{bmatrix} 1 & 6 & 0 & 5 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{3426} = \mathbf{Pl}(0, 7, 3, 4, 5, 1)_{3382} \\
\ell_{119} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 1 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1092} = \begin{bmatrix} 1 & 6 & 0 & 1 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{1092} = \mathbf{Pl}(0, 2, 2, 6, 1, 1)_{1346} \\
\ell_{120} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{2840} = \begin{bmatrix} 1 & 6 & 0 & 4 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{2840} = \mathbf{Pl}(0, 5, 6, 2, 4, 1)_{2921} \\
\ell_{121} &= \begin{bmatrix} 1 & \gamma^6 & \gamma^4 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4598} = \begin{bmatrix} 1 & 6 & 7 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4598} = \mathbf{Pl}(0, 7, 0, 6, 1, 0)_{290} \\
\ell_{122} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4010} = \begin{bmatrix} 1 & 6 & 0 & 6 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{4010} = \mathbf{Pl}(0, 1, 3, 4, 5, 1)_{3376} \\
\ell_{123} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{2256} = \begin{bmatrix} 1 & 6 & 0 & 3 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{2256} = \mathbf{Pl}(0, 6, 6, 2, 4, 1)_{2922} \\
\ell_{124} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{1677} = \begin{bmatrix} 1 & 6 & 0 & 2 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{1677} = \mathbf{Pl}(0, 4, 5, 7, 3, 1)_{2401}
\end{aligned}$$

$$\begin{aligned}
\ell_{125} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^4 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4591} = \begin{bmatrix} 1 & 6 & 0 & 7 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4591} = \mathbf{Pl}(0, 3, 1, 1, 2, 1)_{1836} \\
\ell_{126} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{3428} = \begin{bmatrix} 1 & 6 & 0 & 5 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{3428} = \mathbf{Pl}(0, 7, 2, 6, 1, 1)_{1351} \\
\ell_{127} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 1 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{1091} = \begin{bmatrix} 1 & 6 & 0 & 1 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{1091} = \mathbf{Pl}(0, 2, 7, 5, 7, 1)_{4445} \\
\ell_{128} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{2841} = \begin{bmatrix} 1 & 6 & 0 & 4 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{2841} = \mathbf{Pl}(0, 5, 4, 3, 6, 1)_{3899} \\
\ell_{129} &= \begin{bmatrix} 1 & \gamma^3 & \gamma & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1605} = \begin{bmatrix} 1 & 5 & 2 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1605} = \mathbf{Pl}(0, 2, 0, 5, 1, 0)_{270} \\
\ell_{130} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{3353} = \begin{bmatrix} 1 & 5 & 0 & 5 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{3353} = \mathbf{Pl}(0, 1, 3, 4, 6, 1)_{3880} \\
\ell_{131} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{2767} = \begin{bmatrix} 1 & 5 & 0 & 4 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{2767} = \mathbf{Pl}(0, 6, 6, 2, 3, 1)_{2418} \\
\ell_{132} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{2188} = \begin{bmatrix} 1 & 5 & 0 & 3 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{2188} = \mathbf{Pl}(0, 4, 5, 7, 2, 1)_{1897} \\
\ell_{133} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1598} = \begin{bmatrix} 1 & 5 & 0 & 2 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1598} = \mathbf{Pl}(0, 3, 1, 1, 7, 1)_{4356} \\
\ell_{134} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 1 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1019} = \begin{bmatrix} 1 & 5 & 0 & 1 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{1019} = \mathbf{Pl}(0, 7, 2, 6, 5, 1)_{3367} \\
\ell_{135} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4522} = \begin{bmatrix} 1 & 5 & 0 & 7 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4522} = \mathbf{Pl}(0, 2, 7, 5, 1, 1)_{1421} \\
\ell_{136} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3936} = \begin{bmatrix} 1 & 5 & 0 & 6 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3936} = \mathbf{Pl}(0, 5, 4, 3, 4, 1)_{2891} \\
\ell_{137} &= \begin{bmatrix} 1 & \gamma^5 & \gamma^3 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3211} = \begin{bmatrix} 1 & 3 & 5 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3211} = \mathbf{Pl}(0, 5, 0, 3, 1, 0)_{243} \\
\ell_{138} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{2039} = \begin{bmatrix} 1 & 3 & 0 & 3 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{2039} = \mathbf{Pl}(0, 1, 3, 4, 7, 1)_{4384} \\
\ell_{139} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{4373} = \begin{bmatrix} 1 & 3 & 0 & 7 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{4373} = \mathbf{Pl}(0, 6, 6, 2, 5, 1)_{3426} \\
\ell_{140} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 1 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{874} = \begin{bmatrix} 1 & 3 & 0 & 1 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{874} = \mathbf{Pl}(0, 4, 5, 7, 6, 1)_{3913} \\
\ell_{141} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^3 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3204} = \begin{bmatrix} 1 & 3 & 0 & 5 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3204} = \mathbf{Pl}(0, 3, 1, 1, 4, 1)_{2844} \\
\ell_{142} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2625} = \begin{bmatrix} 1 & 3 & 0 & 4 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{2625} = \mathbf{Pl}(0, 7, 2, 6, 2, 1)_{1855} \\
\ell_{143} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3792} = \begin{bmatrix} 1 & 3 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3792} = \mathbf{Pl}(0, 2, 7, 5, 3, 1)_{2429} \\
\ell_{144} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1454} = \begin{bmatrix} 1 & 3 & 0 & 2 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{1454} = \mathbf{Pl}(0, 5, 4, 3, 1, 1)_{1379} \\
\ell_{145} &= \begin{bmatrix} 1 & \gamma^3 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1021} = \begin{bmatrix} 1 & 5 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1021} = \mathbf{Pl}(0, 1, 0, 5, 1, 0)_{269}
\end{aligned}$$

$$\begin{aligned}
\ell_{146} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3354} = \begin{bmatrix} 1 & 5 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3354} = \mathbf{Pl}(0, 1, 7, 5, 1, 1)_{1420} \\
\ell_{147} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{2769} = \begin{bmatrix} 1 & 5 & 0 & 4 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{2769} = \mathbf{Pl}(0, 6, 3, 4, 6, 1)_{3885} \\
\ell_{148} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{2184} = \begin{bmatrix} 1 & 5 & 0 & 3 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{2184} = \mathbf{Pl}(0, 4, 4, 3, 4, 1)_{2890} \\
\ell_{149} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{1599} = \begin{bmatrix} 1 & 5 & 0 & 2 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{1599} = \mathbf{Pl}(0, 3, 6, 2, 3, 1)_{2415} \\
\ell_{150} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1014} = \begin{bmatrix} 1 & 5 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1014} = \mathbf{Pl}(0, 7, 1, 1, 7, 1)_{4360} \\
\ell_{151} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{4524} = \begin{bmatrix} 1 & 5 & 0 & 7 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4524} = \mathbf{Pl}(0, 2, 5, 7, 2, 1)_{1895} \\
\ell_{152} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{3939} = \begin{bmatrix} 1 & 5 & 0 & 6 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{3939} = \mathbf{Pl}(0, 5, 2, 6, 5, 1)_{3365} \\
\ell_{153} &= \begin{bmatrix} 1 & \gamma^5 & \gamma^2 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2627} = \begin{bmatrix} 1 & 3 & 4 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2627} = \mathbf{Pl}(0, 4, 0, 3, 1, 0)_{242} \\
\ell_{154} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{2040} = \begin{bmatrix} 1 & 3 & 0 & 3 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2040} = \mathbf{Pl}(0, 1, 7, 5, 3, 1)_{2428} \\
\ell_{155} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4375} = \begin{bmatrix} 1 & 3 & 0 & 7 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{4375} = \mathbf{Pl}(0, 6, 3, 4, 7, 1)_{4389} \\
\ell_{156} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 1 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{870} = \begin{bmatrix} 1 & 3 & 0 & 1 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{870} = \mathbf{Pl}(0, 4, 4, 3, 1, 1)_{1378} \\
\ell_{157} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{3205} = \begin{bmatrix} 1 & 3 & 0 & 5 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{3205} = \mathbf{Pl}(0, 3, 6, 2, 5, 1)_{3423} \\
\ell_{158} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^2 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2620} = \begin{bmatrix} 1 & 3 & 0 & 4 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2620} = \mathbf{Pl}(0, 7, 1, 1, 4, 1)_{2848} \\
\ell_{159} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{3794} = \begin{bmatrix} 1 & 3 & 0 & 6 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{3794} = \mathbf{Pl}(0, 2, 5, 7, 6, 1)_{3911} \\
\ell_{160} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1457} = \begin{bmatrix} 1 & 3 & 0 & 2 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{1457} = \mathbf{Pl}(0, 5, 2, 6, 2, 1)_{1853} \\
\ell_{161} &= \begin{bmatrix} 1 & \gamma^6 & \gamma^3 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3430} = \begin{bmatrix} 1 & 6 & 5 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3430} = \mathbf{Pl}(0, 5, 0, 6, 1, 0)_{288} \\
\ell_{162} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4011} = \begin{bmatrix} 1 & 6 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4011} = \mathbf{Pl}(0, 1, 7, 5, 7, 1)_{4444} \\
\ell_{163} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{2258} = \begin{bmatrix} 1 & 6 & 0 & 3 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{2258} = \mathbf{Pl}(0, 6, 3, 4, 5, 1)_{3381} \\
\ell_{164} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1673} = \begin{bmatrix} 1 & 6 & 0 & 2 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{1673} = \mathbf{Pl}(0, 4, 4, 3, 6, 1)_{3898} \\
\ell_{165} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{4592} = \begin{bmatrix} 1 & 6 & 0 & 7 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{4592} = \mathbf{Pl}(0, 3, 6, 2, 4, 1)_{2919} \\
\ell_{166} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^3 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3423} = \begin{bmatrix} 1 & 6 & 0 & 5 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3423} = \mathbf{Pl}(0, 7, 1, 1, 2, 1)_{1840}
\end{aligned}$$

$$\begin{aligned}
\ell_{167} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 1 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{1093} = \begin{bmatrix} 1 & 6 & 0 & 1 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{1093} = \mathbf{Pl}(0, 2, 5, 7, 3, 1)_{2399} \\
\ell_{168} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2844} = \begin{bmatrix} 1 & 6 & 0 & 4 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{2844} = \mathbf{Pl}(0, 5, 2, 6, 1, 1)_{1349} \\
\ell_{169} &= \begin{bmatrix} 1 & \gamma^6 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1094} = \begin{bmatrix} 1 & 6 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1094} = \mathbf{Pl}(0, 1, 0, 6, 1, 0)_{284} \\
\ell_{170} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{4012} = \begin{bmatrix} 1 & 6 & 0 & 6 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{4012} = \mathbf{Pl}(0, 1, 2, 6, 1, 1)_{1345} \\
\ell_{171} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{2257} = \begin{bmatrix} 1 & 6 & 0 & 3 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{2257} = \mathbf{Pl}(0, 6, 4, 3, 6, 1)_{3900} \\
\ell_{172} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{1672} = \begin{bmatrix} 1 & 6 & 0 & 2 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{1672} = \mathbf{Pl}(0, 4, 6, 2, 4, 1)_{2920} \\
\ell_{173} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{4597} = \begin{bmatrix} 1 & 6 & 0 & 7 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4597} = \mathbf{Pl}(0, 3, 5, 7, 3, 1)_{2400} \\
\ell_{174} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3427} = \begin{bmatrix} 1 & 6 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3427} = \mathbf{Pl}(0, 7, 7, 5, 7, 1)_{4450} \\
\ell_{175} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1087} = \begin{bmatrix} 1 & 6 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1087} = \mathbf{Pl}(0, 2, 1, 1, 2, 1)_{1835} \\
\ell_{176} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{2842} = \begin{bmatrix} 1 & 6 & 0 & 4 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{2842} = \mathbf{Pl}(0, 5, 3, 4, 5, 1)_{3380} \\
\ell_{177} &= \begin{bmatrix} 1 & \gamma^5 & \gamma^6 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3795} = \begin{bmatrix} 1 & 3 & 6 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3795} = \mathbf{Pl}(0, 6, 0, 3, 1, 0)_{244} \\
\ell_{178} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2041} = \begin{bmatrix} 1 & 3 & 0 & 3 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{2041} = \mathbf{Pl}(0, 1, 2, 6, 2, 1)_{1849} \\
\ell_{179} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4374} = \begin{bmatrix} 1 & 3 & 0 & 7 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4374} = \mathbf{Pl}(0, 6, 4, 3, 1, 1)_{1380} \\
\ell_{180} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 1 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{869} = \begin{bmatrix} 1 & 3 & 0 & 1 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{869} = \mathbf{Pl}(0, 4, 6, 2, 5, 1)_{3424} \\
\ell_{181} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{3210} = \begin{bmatrix} 1 & 3 & 0 & 5 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{3210} = \mathbf{Pl}(0, 3, 5, 7, 6, 1)_{3912} \\
\ell_{182} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{2624} = \begin{bmatrix} 1 & 3 & 0 & 4 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2624} = \mathbf{Pl}(0, 7, 7, 5, 3, 1)_{2434} \\
\ell_{183} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^6 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3788} = \begin{bmatrix} 1 & 3 & 0 & 6 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3788} = \mathbf{Pl}(0, 2, 1, 1, 4, 1)_{2843} \\
\ell_{184} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{1455} = \begin{bmatrix} 1 & 3 & 0 & 2 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{1455} = \mathbf{Pl}(0, 5, 3, 4, 7, 1)_{4388} \\
\ell_{185} &= \begin{bmatrix} 1 & \gamma^3 & \gamma^4 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4525} = \begin{bmatrix} 1 & 5 & 7 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4525} = \mathbf{Pl}(0, 7, 0, 5, 1, 0)_{275} \\
\ell_{186} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{3355} = \begin{bmatrix} 1 & 5 & 0 & 5 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{3355} = \mathbf{Pl}(0, 1, 2, 6, 5, 1)_{3361} \\
\ell_{187} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{2768} = \begin{bmatrix} 1 & 5 & 0 & 4 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{2768} = \mathbf{Pl}(0, 6, 4, 3, 4, 1)_{2892}
\end{aligned}$$

$$\begin{aligned}
\ell_{188} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{2183} = \begin{bmatrix} 1 & 5 & 0 & 3 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{2183} = \mathbf{Pl}(0, 4, 6, 2, 3, 1)_{2416} \\
\ell_{189} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{1604} = \begin{bmatrix} 1 & 5 & 0 & 2 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{1604} = \mathbf{Pl}(0, 3, 5, 7, 2, 1)_{1896} \\
\ell_{190} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 1 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{1018} = \begin{bmatrix} 1 & 5 & 0 & 1 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{1018} = \mathbf{Pl}(0, 7, 7, 5, 1, 1)_{1426} \\
\ell_{191} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^4 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4518} = \begin{bmatrix} 1 & 5 & 0 & 7 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4518} = \mathbf{Pl}(0, 2, 1, 1, 7, 1)_{4355} \\
\ell_{192} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{3937} = \begin{bmatrix} 1 & 5 & 0 & 6 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{3937} = \mathbf{Pl}(0, 5, 3, 4, 6, 1)_{3884} \\
\ell_{193} &= \begin{bmatrix} 1 & \gamma^3 & \gamma^6 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3941} = \begin{bmatrix} 1 & 5 & 6 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3941} = \mathbf{Pl}(0, 6, 0, 5, 1, 0)_{274} \\
\ell_{194} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{3356} = \begin{bmatrix} 1 & 5 & 0 & 5 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{3356} = \mathbf{Pl}(0, 1, 5, 7, 2, 1)_{1894} \\
\ell_{195} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{2770} = \begin{bmatrix} 1 & 5 & 0 & 4 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2770} = \mathbf{Pl}(0, 6, 7, 5, 1, 1)_{1425} \\
\ell_{196} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2187} = \begin{bmatrix} 1 & 5 & 0 & 3 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{2187} = \mathbf{Pl}(0, 4, 2, 6, 5, 1)_{3364} \\
\ell_{197} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{1601} = \begin{bmatrix} 1 & 5 & 0 & 2 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{1601} = \mathbf{Pl}(0, 3, 3, 4, 6, 1)_{3882} \\
\ell_{198} &= \begin{bmatrix} 1 & \gamma^3 & 0 & 1 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{1015} = \begin{bmatrix} 1 & 5 & 0 & 1 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{1015} = \mathbf{Pl}(0, 7, 6, 2, 3, 1)_{2419} \\
\ell_{199} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4520} = \begin{bmatrix} 1 & 5 & 0 & 7 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4520} = \mathbf{Pl}(0, 2, 4, 3, 4, 1)_{2888} \\
\ell_{200} &= \begin{bmatrix} 1 & \gamma^3 & 0 & \gamma^6 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3934} = \begin{bmatrix} 1 & 5 & 0 & 6 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3934} = \mathbf{Pl}(0, 5, 1, 1, 7, 1)_{4358} \\
\ell_{201} &= \begin{bmatrix} 1 & \gamma^6 & \gamma^2 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2846} = \begin{bmatrix} 1 & 6 & 4 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2846} = \mathbf{Pl}(0, 4, 0, 6, 1, 0)_{287} \\
\ell_{202} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{4013} = \begin{bmatrix} 1 & 6 & 0 & 6 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4013} = \mathbf{Pl}(0, 1, 5, 7, 3, 1)_{2398} \\
\ell_{203} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{2259} = \begin{bmatrix} 1 & 6 & 0 & 3 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2259} = \mathbf{Pl}(0, 6, 7, 5, 7, 1)_{4449} \\
\ell_{204} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1676} = \begin{bmatrix} 1 & 6 & 0 & 2 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{1676} = \mathbf{Pl}(0, 4, 2, 6, 1, 1)_{1348} \\
\ell_{205} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4594} = \begin{bmatrix} 1 & 6 & 0 & 7 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{4594} = \mathbf{Pl}(0, 3, 3, 4, 5, 1)_{3378} \\
\ell_{206} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{3424} = \begin{bmatrix} 1 & 6 & 0 & 5 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{3424} = \mathbf{Pl}(0, 7, 6, 2, 4, 1)_{2923} \\
\ell_{207} &= \begin{bmatrix} 1 & \gamma^6 & 0 & 1 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1089} = \begin{bmatrix} 1 & 6 & 0 & 1 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{1089} = \mathbf{Pl}(0, 2, 4, 3, 6, 1)_{3896} \\
\ell_{208} &= \begin{bmatrix} 1 & \gamma^6 & 0 & \gamma^2 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2839} = \begin{bmatrix} 1 & 6 & 0 & 4 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2839} = \mathbf{Pl}(0, 5, 1, 1, 2, 1)_{1838}
\end{aligned}$$

$$\begin{aligned}
\ell_{209} &= \begin{bmatrix} 1 & \gamma^5 & \gamma & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1459} = \begin{bmatrix} 1 & 3 & 2 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1459} = \mathbf{Pl}(0, 2, 0, 3, 1, 0)_{240} \\
\ell_{210} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{2042} = \begin{bmatrix} 1 & 3 & 0 & 3 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{2042} = \mathbf{Pl}(0, 1, 5, 7, 6, 1)_{3910} \\
\ell_{211} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4376} = \begin{bmatrix} 1 & 3 & 0 & 7 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4376} = \mathbf{Pl}(0, 6, 7, 5, 3, 1)_{2433} \\
\ell_{212} &= \begin{bmatrix} 1 & \gamma^5 & 0 & 1 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{873} = \begin{bmatrix} 1 & 3 & 0 & 1 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{873} = \mathbf{Pl}(0, 4, 2, 6, 2, 1)_{1852} \\
\ell_{213} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{3207} = \begin{bmatrix} 1 & 3 & 0 & 5 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{3207} = \mathbf{Pl}(0, 3, 3, 4, 7, 1)_{4386} \\
\ell_{214} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{2621} = \begin{bmatrix} 1 & 3 & 0 & 4 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{2621} = \mathbf{Pl}(0, 7, 6, 2, 5, 1)_{3427} \\
\ell_{215} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3790} = \begin{bmatrix} 1 & 3 & 0 & 6 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3790} = \mathbf{Pl}(0, 2, 4, 3, 1, 1)_{1376} \\
\ell_{216} &= \begin{bmatrix} 1 & \gamma^5 & 0 & \gamma \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1452} = \begin{bmatrix} 1 & 3 & 0 & 2 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1452} = \mathbf{Pl}(0, 5, 1, 1, 4, 1)_{2846}
\end{aligned}$$

Rank of lines: (283, 429, 502, 4744, 4006, 2035, 3349, 2765, 2254, 4371, 867, 2181, 1670, 4590, 1597, 3203, 1013, 2619, 3422, 1086, 3787, 4517, 3933, 2838, 1451, 510, 503, 508, 506, 505, 509, 504, 507, 291, 284, 289, 287, 286, 290, 285, 288, 437, 430, 435, 433, 432, 436, 431, 434, 4014, ...2621, 3790, 1452)

Rank of points on Klein quadric: (709, 754, 679, 1, 687, 717, 762, 767, 692, 722, 720, 765, 690, 689, 764, 719, 768, 723, 693, 688, 718, 763, 766, 691, 721, 276, 1826, 1337, 3368, 3887, 2390, 2909, 4436, 231, 2834, 1841, 4376, 1367, 3902, 3413, 2420, 261, 4346, 3353, 3872, 2879, 1886, 2405, 1412, 289, ...3427, 1376, 2846)

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 0 points not on any line:

The points on the surface but not on lines are:

Line Intersection Graph

Too many lines to print.

Neighbor sets in the line intersection graph:

Line 0 intersects

[illegible]

Line 1 intersects

[illegible]

Line 2 intersects

[illegible]

Line 3 intersects

[illegible]

Line 4 intersects

[illegible]

Line 5 intersects

[illegible]

Line 6 intersects

[illegible]

Line 7 intersects

[illegible]

Line 8 intersects

[illegible]

Line 9 intersects

[illegible]

Line 10 intersects

[illegible]

Line 11 intersects

[illegible]

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

Line 25 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}	ℓ_{41}	ℓ_{49}	ℓ_{50}
in point	P_6	P_3	P_{84}	P_{94}	P_{104}	P_{111}	P_{121}	P_{123}	P_{133}	P_6	P_6	P_6	P_6	P_6	P_6	P_6	P_3	P_3	P_3	P_{84}

Line 26 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{34}	ℓ_{42}	ℓ_{49}
in point	P_6	P_{138}	P_{147}	P_{157}	P_{167}	P_{174}	P_{184}	P_{186}	P_{196}	P_6	P_6	P_6	P_6	P_6	P_6	P_6	P_{138}	P_{138}	P_{147}

Line 27 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{35}	ℓ_{43}	ℓ_{49}
in point	P_6	P_{201}	P_{211}	P_{221}	P_{231}	P_{238}	P_{248}	P_{250}	P_{260}	P_6	P_6	P_6	P_6	P_6	P_6	P_6	P_{201}	P_{201}	P_{221}

Line 28 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{36}	ℓ_{44}	ℓ_{49}
in point	P_6	P_{265}	P_{275}	P_{285}	P_{295}	P_{302}	P_{312}	P_{314}	P_{324}	P_6	P_6	P_6	P_6	P_6	P_6	P_6	P_{265}	P_{265}	P_{295}

Line 29 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{37}	ℓ_{45}	ℓ_{49}
in point	P_6	P_{329}	P_{339}	P_{349}	P_{359}	P_{366}	P_{376}	P_{378}	P_{388}	P_6	P_6	P_6	P_6	P_6	P_6	P_6	P_{329}	P_{329}	P_{366}

Line 30 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{32}	ℓ_{38}	ℓ_{46}	ℓ_{49}
in point	P_6	P_{393}	P_{403}	P_{413}	P_{423}	P_{430}	P_{440}	P_{442}	P_{452}	P_6	P_6	P_6	P_6	P_6	P_6	P_6	P_{393}	P_{393}	P_{440}

Line 31 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{32}	ℓ_{39}	ℓ_{47}	ℓ_{49}
in point	P_6	P_{457}	P_{467}	P_{477}	P_{487}	P_{494}	P_{504}	P_{506}	P_{516}	P_6	P_6	P_6	P_6	P_6	P_6	P_6	P_{457}	P_{457}	P_{506}

Line 32 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{40}	ℓ_{48}	ℓ_{49}
in point	P_6	P_{521}	P_{531}	P_{541}	P_{551}	P_{558}	P_{568}	P_{570}	P_{580}	P_6	P_6	P_6	P_6	P_6	P_6	P_6	P_{521}	P_{521}	P_{580}

Line 33 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{25}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}	ℓ_{41}	ℓ_{49}	ℓ_{57}	ℓ_{58}
in point	P_8	P_3	P_{86}	P_{95}	P_{99}	P_{113}	P_{117}	P_{124}	P_{136}	P_3	P_8	P_8	P_8	P_8	P_8	P_8	P_8	P_3	P_3	P_3	P_{136}

Line 34 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{26}	ℓ_{33}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}	ℓ_{42}	ℓ_{50}
in point	P_8	P_{138}	P_{149}	P_{158}	P_{162}	P_{176}	P_{180}	P_{187}	P_{199}	P_{138}	P_8	P_8	P_8	P_8	P_8	P_8	P_8	P_{138}	P_{138}

Line 35 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{27}	ℓ_{33}	ℓ_{34}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}	ℓ_{43}	ℓ_{51}
in point	P_8	P_{201}	P_{213}	P_{222}	P_{226}	P_{240}	P_{244}	P_{251}	P_{263}	P_{201}	P_8	P_8	P_8	P_8	P_8	P_8	P_8	P_{201}	P_{201}

Line 36 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{28}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}	ℓ_{44}	ℓ_{52}
in point	P_8	P_{265}	P_{277}	P_{286}	P_{290}	P_{304}	P_{308}	P_{315}	P_{327}	P_{265}	P_8	P_8	P_8	P_8	P_8	P_8	P_8	P_{265}	P_{265}

Line 37 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{29}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{38}	ℓ_{39}	ℓ_{40}	ℓ_{45}	ℓ_{53}
in point	P_8	P_{329}	P_{341}	P_{350}	P_{354}	P_{368}	P_{372}	P_{379}	P_{391}	P_{329}	P_8	P_8	P_8	P_8	P_8	P_8	P_8	P_{329}	P_{329}

Line 38 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{30}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{39}	ℓ_{40}	ℓ_{46}	ℓ_{54}
in point	P_8	P_{393}	P_{405}	P_{414}	P_{418}	P_{432}	P_{436}	P_{443}	P_{455}	P_{393}	P_8	P_8	P_8	P_8	P_8	P_8	P_8	P_{393}	P_{393}

Line 39 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{31}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{40}	ℓ_{47}	ℓ_{55}
in point	P_8	P_{457}	P_{469}	P_{478}	P_{482}	P_{496}	P_{500}	P_{507}	P_{519}	P_{457}	P_8	P_8	P_8	P_8	P_8	P_8	P_8	P_{457}	P_{457}

Line 40 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{48}	ℓ_{56}
in point	P_8	P_{521}	P_{533}	P_{542}	P_{546}	P_{560}	P_{564}	P_{571}	P_{583}	P_{521}	P_8	P_8	P_8	P_8	P_8	P_8	P_8	P_{521}	P_{521}

Line 41 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{25}	ℓ_{33}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{49}	ℓ_{50}
in point	P_{11}	P_3	P_{89}	P_{93}	P_{102}	P_{112}	P_{115}	P_{127}	P_{132}	P_3	P_3	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_3	P_{11}

Line 42 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{26}	ℓ_{34}	ℓ_{41}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{49}
in point	P_{11}	P_{138}	P_{152}	P_{156}	P_{165}	P_{175}	P_{178}	P_{190}	P_{195}	P_{138}	P_{138}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}

Line 43 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{27}	ℓ_{35}	ℓ_{41}	ℓ_{42}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{49}
in point	P_{11}	P_{201}	P_{216}	P_{220}	P_{229}	P_{239}	P_{242}	P_{254}	P_{259}	P_{201}	P_{201}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}

Line 44 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{28}	ℓ_{36}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{49}
in point	P_{11}	P_{265}	P_{280}	P_{284}	P_{293}	P_{303}	P_{306}	P_{318}	P_{323}	P_{265}	P_{265}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}

Line 45 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{29}	ℓ_{37}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{49}
in point	P_{11}	P_{329}	P_{344}	P_{348}	P_{357}	P_{367}	P_{370}	P_{382}	P_{387}	P_{329}	P_{329}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}

Line 46 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{30}	ℓ_{38}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{47}	ℓ_{48}	ℓ_{49}
in point	P_{11}	P_{393}	P_{408}	P_{412}	P_{421}	P_{431}	P_{434}	P_{446}	P_{451}	P_{393}	P_{393}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}

Line 47 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{31}	ℓ_{39}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{48}	ℓ_{49}
in point	P_{11}	P_{457}	P_{472}	P_{476}	P_{485}	P_{495}	P_{498}	P_{510}	P_{515}	P_{457}	P_{457}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}

Line 48 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{32}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{49}
in point	P_{11}	P_{521}	P_{536}	P_{540}	P_{549}	P_{559}	P_{562}	P_{574}	P_{579}	P_{521}	P_{521}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}	P_{11}

Line 49 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}	ℓ_{34}
in point	P_{21}	P_3	P_{147}	P_{221}	P_{295}	P_{366}	P_{440}	P_{506}	P_{580}	P_3	P_{147}	P_{221}	P_{295}	P_{366}	P_{440}	P_{506}	P_{580}	P_3	P_{147}

Line 50 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}	ℓ_{34}
in point	P_{21}	P_{138}	P_{84}	P_{285}	P_{231}	P_{430}	P_{376}	P_{570}	P_{516}	P_{84}	P_{138}	P_{231}	P_{285}	P_{376}	P_{430}	P_{516}	P_{570}	P_{84}	P_{138}

Line 51 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{21}	P_{201}	P_{275}	P_{94}	P_{167}	P_{494}	P_{568}	P_{378}	P_{452}	P_{94}	P_{167}	P_{201}	P_{275}	P_{378}	P_{452}	P_{494}	P_{568}	P_{578}

Line 52 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{21}	P_{265}	P_{211}	P_{157}	P_{104}	P_{558}	P_{504}	P_{442}	P_{388}	P_{104}	P_{157}	P_{211}	P_{265}	P_{388}	P_{442}	P_{504}	P_{558}	P_{578}

Line 53 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{21}	P_{329}	P_{403}	P_{477}	P_{551}	P_{111}	P_{184}	P_{250}	P_{324}	P_{111}	P_{184}	P_{250}	P_{324}	P_{329}	P_{403}	P_{477}	P_{551}	P_{578}

Line 54 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{21}	P_{393}	P_{339}	P_{541}	P_{487}	P_{174}	P_{121}	P_{314}	P_{260}	P_{121}	P_{174}	P_{260}	P_{314}	P_{339}	P_{393}	P_{487}	P_{541}	P_{578}

Line 55 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{21}	P_{457}	P_{531}	P_{349}	P_{423}	P_{238}	P_{312}	P_{123}	P_{196}	P_{123}	P_{196}	P_{238}	P_{312}	P_{349}	P_{423}	P_{457}	P_{531}	P_{578}

Line 56 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{21}	P_{521}	P_{467}	P_{413}	P_{359}	P_{302}	P_{248}	P_{186}	P_{133}	P_{133}	P_{186}	P_{248}	P_{302}	P_{359}	P_{413}	P_{467}	P_{521}	P_{578}

Line 57 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{25}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{23}	P_3	P_{149}	P_{222}	P_{290}	P_{368}	P_{436}	P_{507}	P_{583}	P_3	P_3	P_{149}	P_{222}	P_{290}	P_{368}	P_{436}	P_{507}	P_{583}

Line 58 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{26}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{23}	P_{138}	P_{86}	P_{286}	P_{226}	P_{432}	P_{372}	P_{571}	P_{519}	P_{138}	P_{86}	P_{138}	P_{226}	P_{286}	P_{372}	P_{432}	P_{519}	P_{571}

Line 59 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{27}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{23}	P_{201}	P_{277}	P_{95}	P_{162}	P_{496}	P_{564}	P_{379}	P_{455}	P_{201}	P_{95}	P_{162}	P_{201}	P_{277}	P_{379}	P_{455}	P_{496}	P_{564}

Line 60 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{28}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{23}	P_{265}	P_{213}	P_{158}	P_{99}	P_{560}	P_{500}	P_{443}	P_{391}	P_{265}	P_{99}	P_{158}	P_{213}	P_{265}	P_{391}	P_{443}	P_{500}	P_{560}

Line 61 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{29}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{23}	P_{329}	P_{405}	P_{478}	P_{546}	P_{113}	P_{180}	P_{251}	P_{327}	P_{329}	P_{113}	P_{180}	P_{251}	P_{327}	P_{329}	P_{405}	P_{478}	P_{546}

Line 62 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{30}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{23}	P_{393}	P_{341}	P_{542}	P_{482}	P_{176}	P_{117}	P_{315}	P_{263}	P_{393}	P_{117}	P_{176}	P_{263}	P_{315}	P_{341}	P_{393}	P_{482}	P_{542}

Line 63 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{31}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{23}	P_{457}	P_{533}	P_{350}	P_{418}	P_{240}	P_{308}	P_{124}	P_{199}	P_{457}	P_{124}	P_{199}	P_{240}	P_{308}	P_{350}	P_{418}	P_{457}	P_{533}

Line 64 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{23}	P_{521}	P_{469}	P_{414}	P_{354}	P_{304}	P_{244}	P_{187}	P_{136}	P_{521}	P_{136}	P_{187}	P_{244}	P_{304}	P_{354}	P_{414}	P_{469}	

Line 65 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{25}	ℓ_{33}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{26}	P_3	P_{152}	P_{220}	P_{293}	P_{367}	P_{434}	P_{510}	P_{579}	P_3	P_3	P_3	P_{152}	P_{220}	P_{293}	P_{367}	P_{434}	P_{510}

Line 66 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{26}	ℓ_{34}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{26}	P_{138}	P_{89}	P_{284}	P_{229}	P_{431}	P_{370}	P_{574}	P_{515}	P_{138}	P_{138}	P_{89}	P_{138}	P_{229}	P_{284}	P_{370}	P_{431}	P_{510}

Line 67 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{27}	ℓ_{35}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{26}	P_{201}	P_{280}	P_{93}	P_{165}	P_{495}	P_{562}	P_{382}	P_{451}	P_{201}	P_{201}	P_{93}	P_{165}	P_{201}	P_{280}	P_{382}	P_{451}	P_{510}

Line 68 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{28}	ℓ_{36}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{26}	P_{265}	P_{216}	P_{156}	P_{102}	P_{559}	P_{498}	P_{446}	P_{387}	P_{265}	P_{265}	P_{102}	P_{156}	P_{216}	P_{265}	P_{387}	P_{446}	P_{510}

Line 69 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{29}	ℓ_{37}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{26}	P_{329}	P_{408}	P_{476}	P_{549}	P_{112}	P_{178}	P_{254}	P_{323}	P_{329}	P_{329}	P_{112}	P_{178}	P_{254}	P_{323}	P_{329}	P_{408}	P_{510}

Line 70 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{30}	ℓ_{38}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{26}	P_{393}	P_{344}	P_{540}	P_{485}	P_{175}	P_{115}	P_{318}	P_{259}	P_{393}	P_{393}	P_{115}	P_{175}	P_{259}	P_{318}	P_{344}	P_{393}	P_{510}

Line 71 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{31}	ℓ_{39}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{26}	P_{457}	P_{536}	P_{348}	P_{421}	P_{239}	P_{306}	P_{127}	P_{195}	P_{457}	P_{457}	P_{127}	P_{195}	P_{239}	P_{306}	P_{348}	P_{421}	P_{510}

Line 72 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{32}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{26}	P_{521}	P_{472}	P_{412}	P_{357}	P_{303}	P_{242}	P_{190}	P_{132}	P_{521}	P_{521}	P_{132}	P_{190}	P_{242}	P_{303}	P_{357}	P_{412}	P_{510}

Line 73 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{25}	ℓ_{33}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{30}	P_3	P_{472}	P_{156}	P_{549}	P_{239}	P_{370}	P_{318}	P_{451}	P_3	P_3	P_3	P_{156}	P_{239}	P_{318}	P_{370}	P_{451}	P_{472}

Line 74 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{31}	ℓ_{39}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{30}	P_{457}	P_{89}	P_{540}	P_{165}	P_{367}	P_{242}	P_{446}	P_{323}	P_{457}	P_{457}	P_{89}	P_{165}	P_{242}	P_{323}	P_{367}	P_{446}	P_{510}

Line 75 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{26}	ℓ_{34}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{30}	P_{138}	P_{536}	P_{93}	P_{485}	P_{303}	P_{434}	P_{254}	P_{387}	P_{138}	P_{138}	P_{93}	P_{138}	P_{254}	P_{303}	P_{387}	P_{434}	P_{510}

Line 76 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{32}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{30}	P_{521}	P_{152}	P_{476}	P_{102}	P_{431}	P_{306}	P_{382}	P_{259}	P_{521}	P_{521}	P_{102}	P_{152}	P_{259}	P_{306}	P_{382}	P_{431}	P_{510}

Line 77 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{27}	ℓ_{35}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}
in point	P_{30}	P_{201}	P_{344}	P_{284}	P_{421}	P_{112}	P_{498}	P_{190}	P_{579}	P_{201}	P_{201}	P_{112}	P_{190}	P_{201}	P_{284}	P_{344}	P_{421}

Line 78 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{29}	ℓ_{37}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}
in point	P_{30}	P_{329}	P_{216}	P_{412}	P_{293}	P_{495}	P_{115}	P_{574}	P_{195}	P_{329}	P_{329}	P_{115}	P_{195}	P_{216}	P_{293}	P_{329}	P_{412}

Line 79 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{28}	ℓ_{36}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}
in point	P_{30}	P_{265}	P_{408}	P_{220}	P_{357}	P_{175}	P_{562}	P_{127}	P_{515}	P_{265}	P_{265}	P_{127}	P_{175}	P_{220}	P_{265}	P_{357}	P_{408}

Line 80 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{30}	ℓ_{38}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}
in point	P_{30}	P_{393}	P_{280}	P_{348}	P_{229}	P_{559}	P_{178}	P_{510}	P_{132}	P_{393}	P_{393}	P_{132}	P_{178}	P_{229}	P_{280}	P_{348}	P_{393}

Line 81 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{31}	P_3	P_{467}	P_{157}	P_{551}	P_{238}	P_{376}	P_{314}	P_{452}	P_3	P_{157}	P_{238}	P_{314}	P_{376}	P_{452}	P_{467}	P_{551}	P_3

Line 82 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{31}	P_{457}	P_{84}	P_{541}	P_{167}	P_{366}	P_{248}	P_{442}	P_{324}	P_{84}	P_{167}	P_{248}	P_{324}	P_{366}	P_{442}	P_{457}	P_{541}	P_{84}

Line 83 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{31}	P_{138}	P_{531}	P_{94}	P_{487}	P_{302}	P_{440}	P_{250}	P_{388}	P_{94}	P_{138}	P_{250}	P_{302}	P_{388}	P_{440}	P_{487}	P_{531}	P_{94}

Line 84 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{31}	P_{521}	P_{147}	P_{477}	P_{104}	P_{430}	P_{312}	P_{378}	P_{260}	P_{104}	P_{147}	P_{260}	P_{312}	P_{378}	P_{430}	P_{477}	P_{521}	P_{147}

Line 85 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{31}	P_{201}	P_{339}	P_{285}	P_{423}	P_{111}	P_{504}	P_{186}	P_{580}	P_{111}	P_{186}	P_{201}	P_{285}	P_{339}	P_{423}	P_{504}	P_{580}	P_{339}

Line 86 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{31}	P_{329}	P_{211}	P_{413}	P_{295}	P_{494}	P_{121}	P_{570}	P_{196}	P_{121}	P_{196}	P_{211}	P_{295}	P_{329}	P_{413}	P_{494}	P_{570}	P_{211}

Line 87 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{31}	P_{265}	P_{403}	P_{221}	P_{359}	P_{174}	P_{568}	P_{123}	P_{516}	P_{123}	P_{174}	P_{221}	P_{265}	P_{359}	P_{403}	P_{516}	P_{568}	P_{403}

Line 88 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{31}	P_{393}	P_{275}	P_{349}	P_{231}	P_{558}	P_{184}	P_{506}	P_{133}	P_{133}	P_{184}	P_{231}	P_{275}	P_{349}	P_{393}	P_{506}	P_{558}	P_{275}

Line 89 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{25}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{32}	P_3	P_{469}	P_{158}	P_{546}	P_{240}	P_{372}	P_{315}	P_{455}	P_3	P_3	P_{158}	P_{240}	P_{315}	P_{372}	P_{455}	P_{469}	P_{546}

Line 90 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{31}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{32}	P_{457}	P_{86}	P_{542}	P_{162}	P_{368}	P_{244}	P_{443}	P_{327}	P_{457}	P_{86}	P_{162}	P_{244}	P_{327}	P_{368}	P_{443}	P_{457}	P_{542}

Line 91 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{26}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{32}	P_{138}	P_{533}	P_{95}	P_{482}	P_{304}	P_{436}	P_{251}	P_{391}	P_{138}	P_{95}	P_{138}	P_{251}	P_{304}	P_{391}	P_{436}	P_{482}	P_{533}

Line 92 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{32}	P_{521}	P_{149}	P_{478}	P_{99}	P_{432}	P_{308}	P_{379}	P_{263}	P_{521}	P_{99}	P_{149}	P_{263}	P_{308}	P_{379}	P_{432}	P_{478}	P_{521}

Line 93 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{27}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{32}	P_{201}	P_{341}	P_{286}	P_{418}	P_{113}	P_{500}	P_{187}	P_{583}	P_{201}	P_{113}	P_{187}	P_{201}	P_{286}	P_{341}	P_{418}	P_{500}	P_{583}

Line 94 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{29}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{32}	P_{329}	P_{213}	P_{414}	P_{290}	P_{496}	P_{117}	P_{571}	P_{199}	P_{329}	P_{117}	P_{199}	P_{213}	P_{290}	P_{329}	P_{414}	P_{496}	P_{571}

Line 95 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{28}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{32}	P_{265}	P_{405}	P_{222}	P_{354}	P_{176}	P_{564}	P_{124}	P_{519}	P_{265}	P_{124}	P_{176}	P_{222}	P_{265}	P_{354}	P_{405}	P_{519}	P_{564}

Line 96 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{30}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{32}	P_{393}	P_{277}	P_{350}	P_{226}	P_{560}	P_{180}	P_{507}	P_{136}	P_{393}	P_{136}	P_{180}	P_{226}	P_{277}	P_{350}	P_{393}	P_{507}	P_{560}

Line 97 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{25}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{36}	P_3	P_{341}	P_{414}	P_{162}	P_{560}	P_{308}	P_{251}	P_{519}	P_3	P_3	P_{162}	P_{251}	P_{308}	P_{341}	P_{414}	P_{519}	P_{560}

Line 98 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{29}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{36}	P_{329}	P_{86}	P_{158}	P_{418}	P_{304}	P_{564}	P_{507}	P_{263}	P_{329}	P_{86}	P_{158}	P_{263}	P_{304}	P_{329}	P_{418}	P_{507}	P_{564}

Line 99 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{30}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{36}	P_{393}	P_{149}	P_{95}	P_{354}	P_{240}	P_{500}	P_{571}	P_{327}	P_{393}	P_{95}	P_{149}	P_{240}	P_{327}	P_{354}	P_{393}	P_{500}	P_{571}

Line 100 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{26}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{36}	P_{138}	P_{405}	P_{350}	P_{99}	P_{496}	P_{244}	P_{315}	P_{583}	P_{138}	P_{99}	P_{138}	P_{244}	P_{315}	P_{350}	P_{405}	P_{496}	P_{583}

Line 101 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{36}	P_{521}	P_{277}	P_{222}	P_{482}	P_{113}	P_{372}	P_{443}	P_{199}	P_{521}	P_{113}	P_{199}	P_{222}	P_{277}	P_{372}	P_{443}	P_{482}	P_{521}

Line 102 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{28}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{36}	P_{265}	P_{533}	P_{478}	P_{226}	P_{368}	P_{117}	P_{187}	P_{455}	P_{265}	P_{117}	P_{187}	P_{226}	P_{265}	P_{368}	P_{455}	P_{478}	P_{533}

Line 103 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{27}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{36}	P_{201}	P_{469}	P_{542}	P_{290}	P_{432}	P_{180}	P_{124}	P_{391}	P_{201}	P_{124}	P_{180}	P_{201}	P_{290}	P_{391}	P_{432}	P_{469}	

Line 104 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{31}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{36}	P_{457}	P_{213}	P_{286}	P_{546}	P_{176}	P_{436}	P_{379}	P_{136}	P_{457}	P_{136}	P_{176}	P_{213}	P_{286}	P_{379}	P_{436}	P_{457}	

Line 105 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{25}	ℓ_{33}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{39}	P_3	P_{344}	P_{412}	P_{165}	P_{559}	P_{306}	P_{254}	P_{515}	P_3	P_3	P_3	P_{165}	P_{254}	P_{306}	P_{344}	P_{412}	P_{515}

Line 106 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{29}	ℓ_{37}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{39}	P_{329}	P_{89}	P_{156}	P_{421}	P_{303}	P_{562}	P_{510}	P_{259}	P_{329}	P_{329}	P_{89}	P_{156}	P_{259}	P_{303}	P_{329}	P_{421}	P_{510}

Line 107 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{30}	ℓ_{38}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{39}	P_{393}	P_{152}	P_{93}	P_{357}	P_{239}	P_{498}	P_{574}	P_{323}	P_{393}	P_{393}	P_{93}	P_{152}	P_{239}	P_{323}	P_{357}	P_{393}	P_{574}

Line 108 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{26}	ℓ_{34}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{39}	P_{138}	P_{408}	P_{348}	P_{102}	P_{495}	P_{242}	P_{318}	P_{579}	P_{138}	P_{138}	P_{102}	P_{138}	P_{242}	P_{318}	P_{348}	P_{408}	P_{579}

Line 109 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{32}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{39}	P_{521}	P_{280}	P_{220}	P_{485}	P_{112}	P_{370}	P_{446}	P_{195}	P_{521}	P_{521}	P_{112}	P_{195}	P_{220}	P_{280}	P_{370}	P_{446}	P_{521}

Line 110 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{28}	ℓ_{36}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{39}	P_{265}	P_{536}	P_{476}	P_{229}	P_{367}	P_{115}	P_{190}	P_{451}	P_{265}	P_{265}	P_{115}	P_{190}	P_{229}	P_{265}	P_{367}	P_{451}	P_{536}

Line 111 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{27}	ℓ_{35}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{39}	P_{201}	P_{472}	P_{540}	P_{293}	P_{431}	P_{178}	P_{127}	P_{387}	P_{201}	P_{201}	P_{127}	P_{178}	P_{201}	P_{293}	P_{387}	P_{431}	P_{540}

Line 112 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{31}	ℓ_{39}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{39}	P_{457}	P_{216}	P_{284}	P_{549}	P_{175}	P_{434}	P_{382}	P_{132}	P_{457}	P_{457}	P_{132}	P_{175}	P_{216}	P_{284}	P_{382}	P_{434}	P_{549}

Line 113 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{41}	P_3	P_{339}	P_{413}	P_{167}	P_{558}	P_{312}	P_{250}	P_{516}	P_3	P_{167}	P_{250}	P_{312}	P_{339}	P_{413}	P_{516}	P_{558}	P_{312}

Line 114 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{41}	P_{329}	P_{84}	P_{157}	P_{423}	P_{302}	P_{568}	P_{506}	P_{260}	P_{84}	P_{157}	P_{260}	P_{302}	P_{329}	P_{423}	P_{506}	P_{568}	P_{506}

Line 115 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{41}	P_{393}	P_{147}	P_{94}	P_{359}	P_{238}	P_{504}	P_{570}	P_{324}	P_{94}	P_{147}	P_{238}	P_{324}	P_{359}	P_{393}	P_{504}	P_{570}	P_{324}

Line 116 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}
in point	P_{41}	P_{138}	P_{403}	P_{349}	P_{104}	P_{494}	P_{248}	P_{314}	P_{580}	P_{104}	P_{138}	P_{248}	P_{314}	P_{349}	P_{403}	P_{494}	P_{580}

Line 117 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}
in point	P_{41}	P_{521}	P_{275}	P_{221}	P_{487}	P_{111}	P_{376}	P_{442}	P_{196}	P_{111}	P_{196}	P_{221}	P_{275}	P_{376}	P_{442}	P_{487}	P_{521}

Line 118 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}
in point	P_{41}	P_{265}	P_{531}	P_{477}	P_{231}	P_{366}	P_{121}	P_{186}	P_{452}	P_{121}	P_{186}	P_{231}	P_{265}	P_{366}	P_{452}	P_{477}	P_{531}

Line 119 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}
in point	P_{41}	P_{201}	P_{467}	P_{541}	P_{295}	P_{430}	P_{184}	P_{123}	P_{388}	P_{123}	P_{184}	P_{201}	P_{295}	P_{388}	P_{430}	P_{467}	P_{541}

Line 120 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}
in point	P_{41}	P_{457}	P_{211}	P_{285}	P_{551}	P_{174}	P_{440}	P_{378}	P_{133}	P_{133}	P_{174}	P_{211}	P_{285}	P_{378}	P_{440}	P_{457}	P_{551}

Line 121 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{48}	P_3	P_{275}	P_{477}	P_{423}	P_{174}	P_{248}	P_{570}	P_{388}	P_3	P_{174}	P_{248}	P_{275}	P_{388}	P_{423}	P_{477}	P_{570}	P_3

Line 122 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{48}	P_{265}	P_{84}	P_{413}	P_{487}	P_{238}	P_{184}	P_{378}	P_{580}	P_{84}	P_{184}	P_{238}	P_{265}	P_{378}	P_{413}	P_{487}	P_{580}	P_{84}

Line 123 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{48}	P_{457}	P_{403}	P_{94}	P_{295}	P_{558}	P_{376}	P_{186}	P_{260}	P_{94}	P_{186}	P_{260}	P_{295}	P_{376}	P_{403}	P_{457}	P_{558}	P_{94}

Line 124 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{48}	P_{393}	P_{467}	P_{285}	P_{104}	P_{366}	P_{568}	P_{250}	P_{196}	P_{104}	P_{196}	P_{250}	P_{285}	P_{366}	P_{393}	P_{467}	P_{568}	P_{104}

Line 125 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{48}	P_{138}	P_{211}	P_{541}	P_{359}	P_{111}	P_{312}	P_{506}	P_{452}	P_{111}	P_{138}	P_{211}	P_{312}	P_{359}	P_{452}	P_{506}	P_{541}	P_{48}

Line 126 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{48}	P_{201}	P_{147}	P_{349}	P_{551}	P_{302}	P_{121}	P_{442}	P_{516}	P_{121}	P_{147}	P_{201}	P_{302}	P_{349}	P_{442}	P_{516}	P_{551}	P_{48}

Line 127 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{48}	P_{521}	P_{339}	P_{157}	P_{231}	P_{494}	P_{440}	P_{123}	P_{324}	P_{123}	P_{157}	P_{231}	P_{324}	P_{339}	P_{440}	P_{494}	P_{521}	P_{48}

Line 128 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{48}	P_{329}	P_{531}	P_{221}	P_{167}	P_{430}	P_{504}	P_{314}	P_{133}	P_{133}	P_{167}	P_{221}	P_{314}	P_{329}	P_{430}	P_{504}	P_{531}	P_{48}

Line 129 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{25}	ℓ_{33}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{49}	P_3	P_{280}	P_{476}	P_{421}	P_{175}	P_{242}	P_{574}	P_{387}	P_3	P_3	P_3	P_{175}	P_{242}	P_{280}	P_{387}	P_{421}	P_{476}

Line 130 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{28}	ℓ_{36}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{49}	P_{265}	P_{89}	P_{412}	P_{485}	P_{239}	P_{178}	P_{382}	P_{579}	P_{265}	P_{265}	P_{89}	P_{178}	P_{239}	P_{265}	P_{382}	P_{412}	P_{476}

Line 131 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{31}	ℓ_{39}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{49}	P_{457}	P_{408}	P_{93}	P_{293}	P_{559}	P_{370}	P_{190}	P_{259}	P_{457}	P_{457}	P_{93}	P_{190}	P_{259}	P_{293}	P_{370}	P_{408}	P_{476}

Line 132 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{30}	ℓ_{38}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{49}	P_{393}	P_{472}	P_{284}	P_{102}	P_{367}	P_{562}	P_{254}	P_{195}	P_{393}	P_{393}	P_{102}	P_{195}	P_{254}	P_{284}	P_{367}	P_{393}	P_{476}

Line 133 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{26}	ℓ_{34}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{49}	P_{138}	P_{216}	P_{540}	P_{357}	P_{112}	P_{306}	P_{510}	P_{451}	P_{138}	P_{138}	P_{112}	P_{138}	P_{216}	P_{306}	P_{357}	P_{451}	P_{476}

Line 134 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{27}	ℓ_{35}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{49}	P_{201}	P_{152}	P_{348}	P_{549}	P_{303}	P_{115}	P_{446}	P_{515}	P_{201}	P_{201}	P_{115}	P_{152}	P_{201}	P_{303}	P_{348}	P_{446}	P_{476}

Line 135 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{32}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{49}	P_{521}	P_{344}	P_{156}	P_{229}	P_{495}	P_{434}	P_{127}	P_{323}	P_{521}	P_{521}	P_{127}	P_{156}	P_{229}	P_{323}	P_{344}	P_{434}	P_{476}

Line 136 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{29}	ℓ_{37}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{49}	P_{329}	P_{536}	P_{220}	P_{165}	P_{431}	P_{498}	P_{318}	P_{132}	P_{329}	P_{329}	P_{132}	P_{165}	P_{220}	P_{318}	P_{329}	P_{431}	P_{476}

Line 137 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{25}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{50}	P_3	P_{277}	P_{478}	P_{418}	P_{176}	P_{244}	P_{571}	P_{391}	P_3	P_3	P_{176}	P_{244}	P_{277}	P_{391}	P_{418}	P_{478}	P_{571}

Line 138 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{28}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{50}	P_{265}	P_{86}	P_{414}	P_{482}	P_{240}	P_{180}	P_{379}	P_{583}	P_{265}	P_{86}	P_{180}	P_{240}	P_{265}	P_{379}	P_{414}	P_{482}	P_{571}

Line 139 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{31}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{50}	P_{457}	P_{405}	P_{95}	P_{290}	P_{560}	P_{372}	P_{187}	P_{263}	P_{457}	P_{95}	P_{187}	P_{263}	P_{290}	P_{372}	P_{405}	P_{457}	P_{571}

Line 140 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{30}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{50}	P_{393}	P_{469}	P_{286}	P_{99}	P_{368}	P_{564}	P_{251}	P_{199}	P_{393}	P_{99}	P_{199}	P_{251}	P_{286}	P_{368}	P_{393}	P_{469}	P_{571}

Line 141 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{26}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{50}	P_{138}	P_{213}	P_{542}	P_{354}	P_{113}	P_{308}	P_{507}	P_{455}	P_{138}	P_{113}	P_{138}	P_{213}	P_{308}	P_{354}	P_{455}	P_{507}	P_{571}

Line 142 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{27}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{50}	P_{201}	P_{149}	P_{350}	P_{546}	P_{304}	P_{117}	P_{443}	P_{519}	P_{201}	P_{117}	P_{149}	P_{201}	P_{304}	P_{350}	P_{443}	P_{519}	

Line 143 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{50}	P_{521}	P_{341}	P_{158}	P_{226}	P_{496}	P_{436}	P_{124}	P_{327}	P_{521}	P_{124}	P_{158}	P_{226}	P_{327}	P_{341}	P_{436}	P_{496}	

Line 144 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{29}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{50}	P_{329}	P_{533}	P_{222}	P_{162}	P_{432}	P_{500}	P_{315}	P_{136}	P_{329}	P_{136}	P_{162}	P_{222}	P_{315}	P_{329}	P_{432}	P_{500}	

Line 145 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{25}	ℓ_{33}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{52}	P_3	P_{536}	P_{284}	P_{357}	P_{495}	P_{178}	P_{446}	P_{259}	P_3	P_3	P_3	P_{178}	P_{259}	P_{284}	P_{357}	P_{446}	P_{495}

Line 146 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{32}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{52}	P_{521}	P_{89}	P_{348}	P_{293}	P_{175}	P_{498}	P_{254}	P_{451}	P_{521}	P_{521}	P_{89}	P_{175}	P_{254}	P_{293}	P_{348}	P_{451}	P_{498}

Line 147 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{28}	ℓ_{36}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{52}	P_{265}	P_{344}	P_{93}	P_{549}	P_{431}	P_{242}	P_{510}	P_{195}	P_{265}	P_{265}	P_{93}	P_{195}	P_{242}	P_{265}	P_{344}	P_{431}	P_{549}

Line 148 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{29}	ℓ_{37}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{52}	P_{329}	P_{280}	P_{540}	P_{102}	P_{239}	P_{434}	P_{190}	P_{515}	P_{329}	P_{329}	P_{102}	P_{190}	P_{239}	P_{280}	P_{329}	P_{434}	P_{540}

Line 149 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{31}	ℓ_{39}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{52}	P_{457}	P_{152}	P_{412}	P_{229}	P_{112}	P_{562}	P_{318}	P_{387}	P_{457}	P_{457}	P_{112}	P_{152}	P_{229}	P_{318}	P_{387}	P_{412}	P_{562}

Line 150 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{26}	ℓ_{34}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{52}	P_{138}	P_{472}	P_{220}	P_{421}	P_{559}	P_{115}	P_{382}	P_{323}	P_{138}	P_{138}	P_{115}	P_{138}	P_{220}	P_{323}	P_{382}	P_{472}	P_{559}

Line 151 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{30}	ℓ_{38}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{52}	P_{393}	P_{216}	P_{476}	P_{165}	P_{303}	P_{370}	P_{127}	P_{579}	P_{393}	P_{393}	P_{127}	P_{165}	P_{216}	P_{303}	P_{370}	P_{476}	P_{579}

Line 152 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{27}	ℓ_{35}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{52}	P_{201}	P_{408}	P_{156}	P_{485}	P_{367}	P_{306}	P_{574}	P_{132}	P_{201}	P_{201}	P_{132}	P_{156}	P_{201}	P_{306}	P_{367}	P_{408}	P_{574}

Line 153 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{25}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{54}	P_3	P_{533}	P_{286}	P_{354}	P_{496}	P_{180}	P_{443}	P_{263}	P_3	P_3	P_{180}	P_{263}	P_{286}	P_{354}	P_{443}	P_{496}	P_{533}

Line 154 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{54}	P_{521}	P_{86}	P_{350}	P_{290}	P_{176}	P_{500}	P_{251}	P_{455}	P_{521}	P_{86}	P_{176}	P_{251}	P_{290}	P_{350}	P_{455}	P_{500}	P_{521}

Line 155 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{28}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{54}	P_{265}	P_{341}	P_{95}	P_{546}	P_{432}	P_{244}	P_{507}	P_{199}	P_{265}	P_{95}	P_{199}	P_{244}	P_{265}	P_{341}	P_{432}	P_{507}	P_{546}

Line 156 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{29}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{54}	P_{329}	P_{277}	P_{542}	P_{99}	P_{240}	P_{436}	P_{187}	P_{519}	P_{329}	P_{99}	P_{187}	P_{240}	P_{277}	P_{329}	P_{436}	P_{519}	P_{542}

Line 157 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{31}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{54}	P_{457}	P_{149}	P_{414}	P_{226}	P_{113}	P_{564}	P_{315}	P_{391}	P_{457}	P_{113}	P_{149}	P_{226}	P_{315}	P_{391}	P_{414}	P_{457}	P_{564}

Line 158 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{26}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{54}	P_{138}	P_{469}	P_{222}	P_{418}	P_{560}	P_{117}	P_{379}	P_{327}	P_{138}	P_{117}	P_{138}	P_{222}	P_{327}	P_{379}	P_{418}	P_{469}	P_{560}

Line 159 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{30}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{54}	P_{393}	P_{213}	P_{478}	P_{162}	P_{304}	P_{372}	P_{124}	P_{583}	P_{393}	P_{124}	P_{162}	P_{213}	P_{304}	P_{372}	P_{393}	P_{478}	P_{583}

Line 160 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{27}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{54}	P_{201}	P_{405}	P_{158}	P_{482}	P_{368}	P_{308}	P_{571}	P_{136}	P_{201}	P_{136}	P_{158}	P_{201}	P_{308}	P_{368}	P_{405}	P_{482}	P_{571}

Line 161 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{58}	P_3	P_{531}	P_{285}	P_{359}	P_{494}	P_{184}	P_{442}	P_{260}	P_3	P_{184}	P_{260}	P_{285}	P_{359}	P_{442}	P_{494}	P_{531}	P_{58}

Line 162 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{58}	P_{521}	P_{84}	P_{349}	P_{295}	P_{174}	P_{504}	P_{250}	P_{452}	P_{84}	P_{174}	P_{250}	P_{295}	P_{349}	P_{452}	P_{504}	P_{521}	P_{58}

Line 163 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{58}	P_{265}	P_{339}	P_{94}	P_{551}	P_{430}	P_{248}	P_{506}	P_{196}	P_{94}	P_{196}	P_{248}	P_{265}	P_{339}	P_{430}	P_{506}	P_{551}	P_{58}

Line 164 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{58}	P_{329}	P_{275}	P_{541}	P_{104}	P_{238}	P_{440}	P_{186}	P_{516}	P_{104}	P_{186}	P_{238}	P_{275}	P_{329}	P_{440}	P_{516}	P_{541}	P_{58}

Line 165 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{58}	P_{457}	P_{147}	P_{413}	P_{231}	P_{111}	P_{568}	P_{314}	P_{388}	P_{111}	P_{147}	P_{231}	P_{314}	P_{388}	P_{413}	P_{457}	P_{568}	P_{58}

Line 166 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{58}	P_{138}	P_{467}	P_{221}	P_{423}	P_{558}	P_{121}	P_{378}	P_{324}	P_{121}	P_{138}	P_{221}	P_{324}	P_{378}	P_{423}	P_{467}	P_{558}	P_{58}

Line 167 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{58}	P_{393}	P_{211}	P_{477}	P_{167}	P_{302}	P_{376}	P_{123}	P_{580}	P_{123}	P_{167}	P_{211}	P_{302}	P_{376}	P_{393}	P_{477}	P_{580}	P_{58}

Line 168 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	
in point	P_{58}	P_{201}	P_{403}	P_{157}	P_{487}	P_{366}	P_{312}	P_{570}	P_{133}	P_{133}	P_{157}	P_{201}	P_{312}	P_{366}	P_{403}	P_{487}	P_{570}	

Line 169 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{60}	P_3	P_{211}	P_{349}	P_{487}	P_{430}	P_{568}	P_{186}	P_{324}	P_3	P_{186}	P_{211}	P_{324}	P_{349}	P_{430}	P_{487}	P_{568}	P_3

Line 170 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{60}	P_{201}	P_{84}	P_{477}	P_{359}	P_{558}	P_{440}	P_{314}	P_{196}	P_{84}	P_{196}	P_{201}	P_{314}	P_{359}	P_{440}	P_{477}	P_{558}	P_{314}

Line 171 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{60}	P_{329}	P_{467}	P_{94}	P_{231}	P_{174}	P_{312}	P_{442}	P_{580}	P_{94}	P_{174}	P_{231}	P_{312}	P_{329}	P_{442}	P_{467}	P_{580}	P_{312}

Line 172 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{60}	P_{457}	P_{339}	P_{221}	P_{104}	P_{302}	P_{184}	P_{570}	P_{452}	P_{104}	P_{184}	P_{221}	P_{302}	P_{339}	P_{452}	P_{457}	P_{570}	P_{302}

Line 173 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{60}	P_{393}	P_{531}	P_{157}	P_{295}	P_{111}	P_{248}	P_{378}	P_{516}	P_{111}	P_{157}	P_{248}	P_{295}	P_{378}	P_{393}	P_{516}	P_{531}	P_{111}

Line 174 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{60}	P_{521}	P_{403}	P_{285}	P_{167}	P_{238}	P_{121}	P_{506}	P_{388}	P_{121}	P_{167}	P_{238}	P_{285}	P_{388}	P_{403}	P_{506}	P_{521}	P_{238}

Line 175 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{60}	P_{138}	P_{275}	P_{413}	P_{551}	P_{366}	P_{504}	P_{123}	P_{260}	P_{123}	P_{138}	P_{260}	P_{275}	P_{366}	P_{413}	P_{504}	P_{551}	P_{123}

Line 176 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{60}	P_{265}	P_{147}	P_{541}	P_{423}	P_{494}	P_{376}	P_{250}	P_{133}	P_{133}	P_{147}	P_{250}	P_{265}	P_{376}	P_{423}	P_{494}	P_{541}	P_{423}

Line 177 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{25}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{61}	P_3	P_{213}	P_{350}	P_{482}	P_{432}	P_{564}	P_{187}	P_{327}	P_3	P_3	P_{187}	P_{213}	P_{327}	P_{350}	P_{432}	P_{482}	P_{564}

Line 178 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{27}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{61}	P_{201}	P_{86}	P_{478}	P_{354}	P_{560}	P_{436}	P_{315}	P_{199}	P_{201}	P_{86}	P_{199}	P_{201}	P_{315}	P_{354}	P_{436}	P_{478}	P_{315}

Line 179 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{29}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{61}	P_{329}	P_{469}	P_{95}	P_{226}	P_{176}	P_{308}	P_{443}	P_{583}	P_{329}	P_{95}	P_{176}	P_{226}	P_{308}	P_{329}	P_{443}	P_{469}	P_{329}

Line 180 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{31}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{61}	P_{457}	P_{341}	P_{222}	P_{99}	P_{304}	P_{180}	P_{571}	P_{455}	P_{457}	P_{99}	P_{180}	P_{222}	P_{304}	P_{341}	P_{455}	P_{457}	P_{304}

Line 181 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{30}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{61}	P_{393}	P_{533}	P_{158}	P_{290}	P_{113}	P_{244}	P_{379}	P_{519}	P_{393}	P_{113}	P_{158}	P_{244}	P_{290}	P_{379}	P_{393}	P_{519}	

Line 182 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{61}	P_{521}	P_{405}	P_{286}	P_{162}	P_{240}	P_{117}	P_{507}	P_{391}	P_{521}	P_{117}	P_{162}	P_{240}	P_{286}	P_{391}	P_{405}	P_{507}	

Line 183 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{26}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{61}	P_{138}	P_{277}	P_{414}	P_{546}	P_{368}	P_{500}	P_{124}	P_{263}	P_{138}	P_{124}	P_{138}	P_{263}	P_{277}	P_{368}	P_{414}	P_{500}	

Line 184 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{28}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	
in point	P_{61}	P_{265}	P_{149}	P_{542}	P_{418}	P_{496}	P_{372}	P_{251}	P_{136}	P_{265}	P_{136}	P_{149}	P_{251}	P_{265}	P_{372}	P_{418}	P_{496}	

Line 185 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{25}	ℓ_{33}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{64}	P_3	P_{216}	P_{348}	P_{485}	P_{431}	P_{562}	P_{190}	P_{323}	P_3	P_3	P_3	P_{190}	P_{216}	P_{323}	P_{348}	P_{431}	P_{485}

Line 186 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{27}	ℓ_{35}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{64}	P_{201}	P_{89}	P_{476}	P_{357}	P_{559}	P_{434}	P_{318}	P_{195}	P_{201}	P_{201}	P_{89}	P_{195}	P_{201}	P_{318}	P_{357}	P_{434}	P_{476}

Line 187 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{29}	ℓ_{37}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{64}	P_{329}	P_{472}	P_{93}	P_{229}	P_{175}	P_{306}	P_{446}	P_{579}	P_{329}	P_{329}	P_{93}	P_{175}	P_{229}	P_{306}	P_{329}	P_{446}	P_{472}

Line 188 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{31}	ℓ_{39}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{64}	P_{457}	P_{344}	P_{220}	P_{102}	P_{303}	P_{178}	P_{574}	P_{451}	P_{457}	P_{457}	P_{102}	P_{178}	P_{220}	P_{303}	P_{344}	P_{451}	P_{472}

Line 189 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{30}	ℓ_{38}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{64}	P_{393}	P_{536}	P_{156}	P_{293}	P_{112}	P_{242}	P_{382}	P_{515}	P_{393}	P_{393}	P_{112}	P_{156}	P_{242}	P_{293}	P_{382}	P_{515}	P_{536}

Line 190 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{32}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{64}	P_{521}	P_{408}	P_{284}	P_{165}	P_{239}	P_{115}	P_{510}	P_{387}	P_{521}	P_{521}	P_{115}	P_{165}	P_{239}	P_{284}	P_{387}	P_{408}	P_{472}

Line 191 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{26}	ℓ_{34}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{64}	P_{138}	P_{280}	P_{412}	P_{549}	P_{367}	P_{498}	P_{127}	P_{259}	P_{138}	P_{138}	P_{127}	P_{138}	P_{259}	P_{280}	P_{367}	P_{412}	P_{472}

Line 192 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{28}	ℓ_{36}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{64}	P_{265}	P_{152}	P_{540}	P_{421}	P_{495}	P_{370}	P_{254}	P_{132}	P_{265}	P_{265}	P_{132}	P_{152}	P_{254}	P_{265}	P_{370}	P_{421}	P_{472}

Line 193 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{25}	ℓ_{33}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{69}	P_3	P_{408}	P_{540}	P_{229}	P_{303}	P_{498}	P_{382}	P_{195}	P_3	P_3	P_3	P_{195}	P_{229}	P_{303}	P_{382}	P_{408}	P_{498}

Line 194 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{30}	ℓ_{38}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{69}	P_{393}	P_{89}	P_{220}	P_{549}	P_{495}	P_{306}	P_{190}	P_{387}	P_{393}	P_{393}	P_{89}	P_{190}	P_{220}	P_{306}	P_{387}	P_{393}	P_{47}

Line 195 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{32}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{69}	P_{521}	P_{216}	P_{93}	P_{421}	P_{367}	P_{178}	P_{318}	P_{515}	P_{521}	P_{521}	P_{93}	P_{178}	P_{216}	P_{318}	P_{367}	P_{421}	P_{47}

Line 196 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{27}	ℓ_{35}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{69}	P_{201}	P_{536}	P_{412}	P_{102}	P_{175}	P_{370}	P_{510}	P_{323}	P_{201}	P_{201}	P_{102}	P_{175}	P_{201}	P_{323}	P_{370}	P_{412}	P_{47}

Line 197 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{28}	ℓ_{36}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{69}	P_{265}	P_{472}	P_{348}	P_{165}	P_{112}	P_{434}	P_{574}	P_{259}	P_{265}	P_{265}	P_{112}	P_{165}	P_{259}	P_{265}	P_{348}	P_{434}	P_{47}

Line 198 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{31}	ℓ_{39}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{69}	P_{457}	P_{280}	P_{156}	P_{357}	P_{431}	P_{115}	P_{254}	P_{579}	P_{457}	P_{457}	P_{115}	P_{156}	P_{254}	P_{280}	P_{357}	P_{431}	P_{47}

Line 199 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{29}	ℓ_{37}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{69}	P_{329}	P_{152}	P_{284}	P_{485}	P_{559}	P_{242}	P_{127}	P_{451}	P_{329}	P_{329}	P_{127}	P_{152}	P_{242}	P_{284}	P_{329}	P_{451}	P_{47}

Line 200 intersects

Line	ℓ_1	ℓ_3	ℓ_6	ℓ_7	ℓ_{11}	ℓ_{14}	ℓ_{16}	ℓ_{21}	ℓ_{22}	ℓ_{26}	ℓ_{34}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{69}	P_{138}	P_{344}	P_{476}	P_{293}	P_{239}	P_{562}	P_{446}	P_{132}	P_{138}	P_{138}	P_{132}	P_{138}	P_{239}	P_{293}	P_{344}	P_{446}	P_{47}

Line 201 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{70}	P_3	P_{403}	P_{541}	P_{231}	P_{302}	P_{504}	P_{378}	P_{196}	P_3	P_{196}	P_{231}	P_{302}	P_{378}	P_{403}	P_{504}	P_{541}	P_3

Line 202 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{70}	P_{393}	P_{84}	P_{221}	P_{551}	P_{494}	P_{312}	P_{186}	P_{388}	P_{84}	P_{186}	P_{221}	P_{312}	P_{388}	P_{393}	P_{494}	P_{551}	P_{84}

Line 203 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{70}	P_{521}	P_{211}	P_{94}	P_{423}	P_{366}	P_{184}	P_{314}	P_{516}	P_{94}	P_{184}	P_{211}	P_{314}	P_{366}	P_{423}	P_{516}	P_{521}	P_{94}

Line 204 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{70}	P_{201}	P_{531}	P_{413}	P_{104}	P_{174}	P_{376}	P_{506}	P_{324}	P_{104}	P_{174}	P_{201}	P_{324}	P_{376}	P_{413}	P_{506}	P_{531}	P_{413}

Line 205 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{70}	P_{265}	P_{467}	P_{349}	P_{167}	P_{111}	P_{440}	P_{570}	P_{260}	P_{111}	P_{167}	P_{260}	P_{265}	P_{349}	P_{440}	P_{467}	P_{570}	P_{265}

Line 206 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}
in point	P_{70}	P_{457}	P_{275}	P_{157}	P_{359}	P_{430}	P_{121}	P_{250}	P_{580}	P_{121}	P_{157}	P_{250}	P_{275}	P_{359}	P_{430}	P_{457}	P_{580}	P_{457}

Line 207 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}
in point	P_{70}	P_{329}	P_{147}	P_{285}	P_{487}	P_{558}	P_{248}	P_{123}	P_{452}	P_{123}	P_{147}	P_{248}	P_{285}	P_{329}	P_{452}	P_{487}	P_{558}

Line 208 intersects

Line	ℓ_2	ℓ_3	ℓ_4	ℓ_8	ℓ_{12}	ℓ_{13}	ℓ_{18}	ℓ_{19}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}
in point	P_{70}	P_{138}	P_{339}	P_{477}	P_{295}	P_{238}	P_{568}	P_{442}	P_{133}	P_{133}	P_{138}	P_{238}	P_{295}	P_{339}	P_{442}	P_{477}	P_{568}

Line 209 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{25}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{73}	P_3	P_{405}	P_{542}	P_{226}	P_{304}	P_{500}	P_{379}	P_{199}	P_3	P_3	P_{199}	P_{226}	P_{304}	P_{379}	P_{405}	P_{500}	P_{542}

Line 210 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{30}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{73}	P_{393}	P_{86}	P_{222}	P_{546}	P_{496}	P_{308}	P_{187}	P_{391}	P_{393}	P_{86}	P_{187}	P_{222}	P_{308}	P_{391}	P_{393}	P_{496}	P_{546}

Line 211 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{73}	P_{521}	P_{213}	P_{95}	P_{418}	P_{368}	P_{180}	P_{315}	P_{519}	P_{521}	P_{95}	P_{180}	P_{213}	P_{315}	P_{368}	P_{418}	P_{519}	P_{542}

Line 212 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{27}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{73}	P_{201}	P_{533}	P_{414}	P_{99}	P_{176}	P_{372}	P_{507}	P_{327}	P_{201}	P_{99}	P_{176}	P_{201}	P_{327}	P_{372}	P_{414}	P_{507}	P_{542}

Line 213 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{28}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{73}	P_{265}	P_{469}	P_{350}	P_{162}	P_{113}	P_{436}	P_{571}	P_{263}	P_{265}	P_{113}	P_{162}	P_{263}	P_{265}	P_{350}	P_{436}	P_{469}	P_{542}

Line 214 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{31}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{73}	P_{457}	P_{277}	P_{158}	P_{354}	P_{432}	P_{117}	P_{251}	P_{583}	P_{457}	P_{117}	P_{158}	P_{251}	P_{277}	P_{354}	P_{432}	P_{457}	P_{542}

Line 215 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{29}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{73}	P_{329}	P_{149}	P_{286}	P_{482}	P_{560}	P_{244}	P_{124}	P_{455}	P_{329}	P_{124}	P_{149}	P_{244}	P_{286}	P_{329}	P_{455}	P_{482}	P_{542}

Line 216 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{17}	ℓ_{20}	ℓ_{24}	ℓ_{26}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}	ℓ_{39}	ℓ_{40}
in point	P_{73}	P_{138}	P_{341}	P_{478}	P_{290}	P_{240}	P_{564}	P_{443}	P_{136}	P_{138}	P_{136}	P_{138}	P_{240}	P_{290}	P_{341}	P_{443}	P_{478}	P_{542}

The surface has 201 points:

The points on the surface are:

$$\begin{aligned} 0 : P_2 &= (0, 0, 1, 0) \\ 1 : P_3 &= (0, 0, 0, 1) \\ 2 : P_6 &= (2, 1, 0, 0) \\ 3 : P_8 &= (4, 1, 0, 0) \\ 4 : P_{11} &= (7, 1, 0, 0) \end{aligned}$$

$$\begin{aligned} 5 : P_{21} &= (2, 1, 1, 0) \\ 6 : P_{23} &= (4, 1, 1, 0) \\ 7 : P_{26} &= (7, 1, 1, 0) \\ 8 : P_{30} &= (3, 2, 1, 0) \\ 9 : P_{31} &= (4, 2, 1, 0) \end{aligned}$$

$$\begin{aligned} 10 : P_{32} &= (5, 2, 1, 0) \\ 11 : P_{36} &= (1, 3, 1, 0) \\ 12 : P_{39} &= (4, 3, 1, 0) \\ 13 : P_{41} &= (6, 3, 1, 0) \\ 14 : P_{48} &= (5, 4, 1, 0) \end{aligned}$$

15 : $P_{49} = (6, 4, 1, 0)$	69 : $P_{201} = (0, 0, 2, 1)$	123 : $P_{366} = (5, 4, 4, 1)$
16 : $P_{50} = (7, 4, 1, 0)$	70 : $P_{211} = (2, 1, 2, 1)$	124 : $P_{367} = (6, 4, 4, 1)$
17 : $P_{52} = (1, 5, 1, 0)$	71 : $P_{213} = (4, 1, 2, 1)$	125 : $P_{368} = (7, 4, 4, 1)$
18 : $P_{54} = (3, 5, 1, 0)$	72 : $P_{216} = (7, 1, 2, 1)$	126 : $P_{370} = (1, 5, 4, 1)$
19 : $P_{58} = (7, 5, 1, 0)$	73 : $P_{220} = (3, 2, 2, 1)$	127 : $P_{372} = (3, 5, 4, 1)$
20 : $P_{60} = (1, 6, 1, 0)$	74 : $P_{221} = (4, 2, 2, 1)$	128 : $P_{376} = (7, 5, 4, 1)$
21 : $P_{61} = (2, 6, 1, 0)$	75 : $P_{222} = (5, 2, 2, 1)$	129 : $P_{378} = (1, 6, 4, 1)$
22 : $P_{64} = (5, 6, 1, 0)$	76 : $P_{226} = (1, 3, 2, 1)$	130 : $P_{379} = (2, 6, 4, 1)$
23 : $P_{69} = (2, 7, 1, 0)$	77 : $P_{229} = (4, 3, 2, 1)$	131 : $P_{382} = (5, 6, 4, 1)$
24 : $P_{70} = (3, 7, 1, 0)$	78 : $P_{231} = (6, 3, 2, 1)$	132 : $P_{387} = (2, 7, 4, 1)$
25 : $P_{73} = (6, 7, 1, 0)$	79 : $P_{238} = (5, 4, 2, 1)$	133 : $P_{388} = (3, 7, 4, 1)$
26 : $P_{84} = (2, 1, 0, 1)$	80 : $P_{239} = (6, 4, 2, 1)$	134 : $P_{391} = (6, 7, 4, 1)$
27 : $P_{86} = (4, 1, 0, 1)$	81 : $P_{240} = (7, 4, 2, 1)$	135 : $P_{393} = (0, 0, 5, 1)$
28 : $P_{89} = (7, 1, 0, 1)$	82 : $P_{242} = (1, 5, 2, 1)$	136 : $P_{403} = (2, 1, 5, 1)$
29 : $P_{93} = (3, 2, 0, 1)$	83 : $P_{244} = (3, 5, 2, 1)$	137 : $P_{405} = (4, 1, 5, 1)$
30 : $P_{94} = (4, 2, 0, 1)$	84 : $P_{248} = (7, 5, 2, 1)$	138 : $P_{408} = (7, 1, 5, 1)$
31 : $P_{95} = (5, 2, 0, 1)$	85 : $P_{250} = (1, 6, 2, 1)$	139 : $P_{412} = (3, 2, 5, 1)$
32 : $P_{99} = (1, 3, 0, 1)$	86 : $P_{251} = (2, 6, 2, 1)$	140 : $P_{413} = (4, 2, 5, 1)$
33 : $P_{102} = (4, 3, 0, 1)$	87 : $P_{254} = (5, 6, 2, 1)$	141 : $P_{414} = (5, 2, 5, 1)$
34 : $P_{104} = (6, 3, 0, 1)$	88 : $P_{259} = (2, 7, 2, 1)$	142 : $P_{418} = (1, 3, 5, 1)$
35 : $P_{111} = (5, 4, 0, 1)$	89 : $P_{260} = (3, 7, 2, 1)$	143 : $P_{421} = (4, 3, 5, 1)$
36 : $P_{112} = (6, 4, 0, 1)$	90 : $P_{263} = (6, 7, 2, 1)$	144 : $P_{423} = (6, 3, 5, 1)$
37 : $P_{113} = (7, 4, 0, 1)$	91 : $P_{265} = (0, 0, 3, 1)$	145 : $P_{430} = (5, 4, 5, 1)$
38 : $P_{115} = (1, 5, 0, 1)$	92 : $P_{275} = (2, 1, 3, 1)$	146 : $P_{431} = (6, 4, 5, 1)$
39 : $P_{117} = (3, 5, 0, 1)$	93 : $P_{277} = (4, 1, 3, 1)$	147 : $P_{432} = (7, 4, 5, 1)$
40 : $P_{121} = (7, 5, 0, 1)$	94 : $P_{280} = (7, 1, 3, 1)$	148 : $P_{434} = (1, 5, 5, 1)$
41 : $P_{123} = (1, 6, 0, 1)$	95 : $P_{284} = (3, 2, 3, 1)$	149 : $P_{436} = (3, 5, 5, 1)$
42 : $P_{124} = (2, 6, 0, 1)$	96 : $P_{285} = (4, 2, 3, 1)$	150 : $P_{440} = (7, 5, 5, 1)$
43 : $P_{127} = (5, 6, 0, 1)$	97 : $P_{286} = (5, 2, 3, 1)$	151 : $P_{442} = (1, 6, 5, 1)$
44 : $P_{132} = (2, 7, 0, 1)$	98 : $P_{290} = (1, 3, 3, 1)$	152 : $P_{443} = (2, 6, 5, 1)$
45 : $P_{133} = (3, 7, 0, 1)$	99 : $P_{293} = (4, 3, 3, 1)$	153 : $P_{446} = (5, 6, 5, 1)$
46 : $P_{136} = (6, 7, 0, 1)$	100 : $P_{295} = (6, 3, 3, 1)$	154 : $P_{451} = (2, 7, 5, 1)$
47 : $P_{138} = (0, 0, 1, 1)$	101 : $P_{302} = (5, 4, 3, 1)$	155 : $P_{452} = (3, 7, 5, 1)$
48 : $P_{147} = (2, 1, 1, 1)$	102 : $P_{303} = (6, 4, 3, 1)$	156 : $P_{455} = (6, 7, 5, 1)$
49 : $P_{149} = (4, 1, 1, 1)$	103 : $P_{304} = (7, 4, 3, 1)$	157 : $P_{457} = (0, 0, 6, 1)$
50 : $P_{152} = (7, 1, 1, 1)$	104 : $P_{306} = (1, 5, 3, 1)$	158 : $P_{467} = (2, 1, 6, 1)$
51 : $P_{156} = (3, 2, 1, 1)$	105 : $P_{308} = (3, 5, 3, 1)$	159 : $P_{469} = (4, 1, 6, 1)$
52 : $P_{157} = (4, 2, 1, 1)$	106 : $P_{312} = (7, 5, 3, 1)$	160 : $P_{472} = (7, 1, 6, 1)$
53 : $P_{158} = (5, 2, 1, 1)$	107 : $P_{314} = (1, 6, 3, 1)$	161 : $P_{476} = (3, 2, 6, 1)$
54 : $P_{162} = (1, 3, 1, 1)$	108 : $P_{315} = (2, 6, 3, 1)$	162 : $P_{477} = (4, 2, 6, 1)$
55 : $P_{165} = (4, 3, 1, 1)$	109 : $P_{318} = (5, 6, 3, 1)$	163 : $P_{478} = (5, 2, 6, 1)$
56 : $P_{167} = (6, 3, 1, 1)$	110 : $P_{323} = (2, 7, 3, 1)$	164 : $P_{482} = (1, 3, 6, 1)$
57 : $P_{174} = (5, 4, 1, 1)$	111 : $P_{324} = (3, 7, 3, 1)$	165 : $P_{485} = (4, 3, 6, 1)$
58 : $P_{175} = (6, 4, 1, 1)$	112 : $P_{327} = (6, 7, 3, 1)$	166 : $P_{487} = (6, 3, 6, 1)$
59 : $P_{176} = (7, 4, 1, 1)$	113 : $P_{329} = (0, 0, 4, 1)$	167 : $P_{494} = (5, 4, 6, 1)$
60 : $P_{178} = (1, 5, 1, 1)$	114 : $P_{339} = (2, 1, 4, 1)$	168 : $P_{495} = (6, 4, 6, 1)$
61 : $P_{180} = (3, 5, 1, 1)$	115 : $P_{341} = (4, 1, 4, 1)$	169 : $P_{496} = (7, 4, 6, 1)$
62 : $P_{184} = (7, 5, 1, 1)$	116 : $P_{344} = (7, 1, 4, 1)$	170 : $P_{498} = (1, 5, 6, 1)$
63 : $P_{186} = (1, 6, 1, 1)$	117 : $P_{348} = (3, 2, 4, 1)$	171 : $P_{500} = (3, 5, 6, 1)$
64 : $P_{187} = (2, 6, 1, 1)$	118 : $P_{349} = (4, 2, 4, 1)$	172 : $P_{504} = (7, 5, 6, 1)$
65 : $P_{190} = (5, 6, 1, 1)$	119 : $P_{350} = (5, 2, 4, 1)$	173 : $P_{506} = (1, 6, 6, 1)$
66 : $P_{195} = (2, 7, 1, 1)$	120 : $P_{354} = (1, 3, 4, 1)$	174 : $P_{507} = (2, 6, 6, 1)$
67 : $P_{196} = (3, 7, 1, 1)$	121 : $P_{357} = (4, 3, 4, 1)$	175 : $P_{510} = (5, 6, 6, 1)$
68 : $P_{199} = (6, 7, 1, 1)$	122 : $P_{359} = (6, 3, 4, 1)$	176 : $P_{515} = (2, 7, 6, 1)$

177 : $P_{516} = (3, 7, 6, 1)$
 178 : $P_{519} = (6, 7, 6, 1)$
 179 : $P_{521} = (0, 0, 7, 1)$
 180 : $P_{531} = (2, 1, 7, 1)$
 181 : $P_{533} = (4, 1, 7, 1)$
 182 : $P_{536} = (7, 1, 7, 1)$
 183 : $P_{540} = (3, 2, 7, 1)$
 184 : $P_{541} = (4, 2, 7, 1)$
 185 : $P_{542} = (5, 2, 7, 1)$

186 : $P_{546} = (1, 3, 7, 1)$
 187 : $P_{549} = (4, 3, 7, 1)$
 188 : $P_{551} = (6, 3, 7, 1)$
 189 : $P_{558} = (5, 4, 7, 1)$
 190 : $P_{559} = (6, 4, 7, 1)$
 191 : $P_{560} = (7, 4, 7, 1)$
 192 : $P_{562} = (1, 5, 7, 1)$
 193 : $P_{564} = (3, 5, 7, 1)$
 194 : $P_{568} = (7, 5, 7, 1)$

195 : $P_{570} = (1, 6, 7, 1)$
 196 : $P_{571} = (2, 6, 7, 1)$
 197 : $P_{574} = (5, 6, 7, 1)$
 198 : $P_{579} = (2, 7, 7, 1)$
 199 : $P_{580} = (3, 7, 7, 1)$
 200 : $P_{583} = (6, 7, 7, 1)$