Rank-156 over GF(8)

January 15, 2021

The equation

The equation of the surface is:

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

(0, 0, 0, 0, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0)The point rank of the equation over GF(8) is 303702

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:

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\begin{array}{ll} 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) \end{array}
\begin{array}{ll} 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) \end{array}
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The 217 Lines

The lines and their Pluecker coordinates are:

$$\begin{split} \ell_0 &= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{64} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{64} = \mathbf{PI}(0,0,1,0,0,0)_2 \\ \ell_1 &= \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{137} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{137} = \mathbf{PI}(0,0,1,0,0,1)_{664} \\ \ell_2 &= \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4672} = \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4672} = \mathbf{PI}(0,0,0,0,0,1)_{649} \\ \ell_3 &= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{72} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{72} = \mathbf{PI}(0,0,0,0,1,0)_{81} \\ \ell_4 &= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{65} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{65} = \mathbf{PI}(0,0,1,0,1,0)_{96} \\ \ell_5 &= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{70} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{68} = \mathbf{PI}(0,0,2,0,1,0)_{111} \\ \ell_6 &= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{67} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{68} = \mathbf{PI}(0,0,3,0,1,0)_{126} \\ \ell_7 &= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{67} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{67} = \mathbf{PI}(0,0,4,0,1,0)_{141} \\ \ell_8 &= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{71} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{66} = \mathbf{PI}(0,0,5,0,1,0)_{156} \\ \ell_9 &= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{66} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{66} = \mathbf{PI}(0,0,5,0,1,0)_{171} \\ \ell_{10} &= \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{69} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{69} = \mathbf{PI}(0,0,7,0,1,0)_{186} \\ \ell_{11} &= \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4673} = \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4673} = \mathbf{PI}(0,0,0,1,0,1)_{769} \\ \ell_{12} &= \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4678} = \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4678} = \mathbf{PI}(0,0,0,4,0,1)_{814} \\ \ell_{14} &= \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4676} = \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4675} = \mathbf{PI}(0,0,0,3,0,1)_{99} \\ \ell_{15} &= \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4676} = \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4675} = \mathbf{PI}(0,0,0,3,0,1)_{799} \\ \ell_{15} &= \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4676} = \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4679} = \mathbf{PI}(0,0,0,5,0,1)_{859} \\ \ell_{17} &= \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4674} = \begin{bmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4677} = \mathbf{PI}(0,0,0,5,0,1)_{859} \\ \ell_$$

$$\begin{split} \ell_{20} &= \begin{bmatrix} 1 & 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{721} = \begin{bmatrix} 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{721} = \mathbf{PI}(0,1,1,0,0,1)_{672} \\ \ell_{21} &= \begin{bmatrix} 1 & 0 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{648} = \begin{bmatrix} 1 & 0 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{648} = \mathbf{PI}(0,1,1,0,0,0)_{10} \\ \ell_{22} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3568} = \begin{bmatrix} 1 & 0 & 0 & 6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3568} = \mathbf{PI}(0,6,1,0,0)_{15} \\ \ell_{23} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2400} = \begin{bmatrix} 1 & 0 & 0 & 4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2400} = \mathbf{PI}(0,4,1,0,0)_{13} \\ \ell_{24} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1816} = \begin{bmatrix} 1 & 0 & 0 & 3 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1816} = \mathbf{PI}(0,3,1,0,0)_{12} \\ \ell_{25} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1232} = \begin{bmatrix} 1 & 0 & 0 & 7 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1232} = \mathbf{PI}(0,7,1,0,0,0)_{16} \\ \ell_{26} &= \begin{bmatrix} 1 & 0 & 0 & \gamma \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2384} = \begin{bmatrix} 1 & 0 & 0 & 2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{1232} = \mathbf{PI}(0,2,1,0,0,0)_{14} \\ \ell_{27} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^3 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2984} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{2984} = \mathbf{PI}(0,5,1,0,0,0)_{16} \\ \ell_{29} &= \begin{bmatrix} 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4681} = \begin{bmatrix} 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4726} = \mathbf{PI}(0,6,0,0,0,1)_{672} \\ \ell_{30} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3641} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{3641} = \mathbf{PI}(0,4,0,0,0,1)_{673} \\ \ell_{31} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4708} = \begin{bmatrix} 0 & 1 & 0 & 4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4798} = \mathbf{PI}(0,4,1,0,0,1)_{675} \\ \ell_{33} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4699} = \begin{bmatrix} 1 & 1 & 0 & 4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4699} = \mathbf{PI}(0,3,1,0,0,1)_{663} \\ \ell_{34} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4699} = \begin{bmatrix} 0 & 1 & 0 & 3 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4899} = \mathbf{PI}(0,7,1,0,0,1)_{678} \\ \ell_{35} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4699} = \begin{bmatrix} 0 & 1 & 0 & 7 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4699} = \mathbf{PI}(0,7,1,0,0,1)_{678} \\ \ell_{35} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4699} = \begin{bmatrix} 0 & 1 & 0 & 7 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4225} = \mathbf{PI}(0,7,1,0,0,1)_{678} \\ \ell_{37} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4699} = \begin{bmatrix} 0 & 1 & 0 & 2 \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4699} = \mathbf{PI}(0,5,1,0,0,1)_{678} \\ \ell_{38} &= \begin{bmatrix} 0 & 1 & 0 & \gamma \\ 0 & 0 & 1 & 0 \end{bmatrix}_{4699} = \begin{bmatrix} 0 & 1 &$$

$$\begin{split} \ell_{41} &= \begin{bmatrix} 1 & 1 & 1 & 0 & 0 \\ 0 & 0 & 1 \end{bmatrix}_{145} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 \end{bmatrix}_{145} = \mathbf{PI}(0,0,0,1,1,0)_{201} \\ \ell_{42} &= \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{138} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{138} = \mathbf{PI}(0,0,1,1,1,1)_{1322} \\ \ell_{43} &= \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{143} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{143} = \mathbf{PI}(0,0,2,6,6,1)_{3857} \\ \ell_{44} &= \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{141} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{141} = \mathbf{PI}(0,0,3,4,4,1)_{2864} \\ \ell_{45} &= \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{140} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{140} = \mathbf{PI}(0,0,4,3,3,1)_{2375} \\ \ell_{46} &= \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{144} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{144} = \mathbf{PI}(0,0,5,7,7,1)_{4406} \\ \ell_{47} &= \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{139} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{139} = \mathbf{PI}(0,0,6,2,2,1)_{1901} \\ \ell_{48} &= \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{3142} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{142} = \mathbf{PI}(0,0,7,5,5,1)_{3428} \\ \ell_{49} &= \begin{bmatrix} 1 & 0 & 1 & 0 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{649} = \begin{bmatrix} 1 & 0 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{649} = \mathbf{PI}(0,1,0,0,1,0)_{89} \\ \ell_{50} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{3574} = \begin{bmatrix} 1 & 0 & 0 & 6 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{649} = \mathbf{PI}(0,1,1,0,1,0)_{104} \\ \ell_{51} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1819} = \begin{bmatrix} 1 & 0 & 0 & 4 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{2404} = \mathbf{PI}(0,1,3,0,1,0)_{134} \\ \ell_{52} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1819} = \begin{bmatrix} 1 & 0 & 0 & 3 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{1819} = \mathbf{PI}(0,1,4,0,1,0)_{149} \\ \ell_{54} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{2989} = \begin{bmatrix} 1 & 0 & 0 & 3 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2989} = \mathbf{PI}(0,1,5,0,1,0)_{164} \\ \ell_{55} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3576} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2989} = \mathbf{PI}(0,6,6,0,1,0)_{184} \\ \ell_{58} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3576} = \begin{bmatrix} 1 & 0 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3576} = \mathbf{PI}(0,6,6,0,1,0)_{194} \\ \ell_{58} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3569} = \begin{bmatrix} 1 & 0 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3569} = \mathbf{PI}(0,6,7,0,1,0)_{199} \\ \ell_{60} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{3822}$$

$$\begin{split} &\ell_{62} = \begin{bmatrix} 1 & 0 & 0 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{a155} = \begin{bmatrix} 1 & 0 & 0 & 7 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{a155} = \mathbf{PI}(0,6,4,0,1,0)_{154} \\ &\ell_{63} = \begin{bmatrix} 1 & 0 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{1236} = \begin{bmatrix} 1 & 0 & 0 & 2 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{1236} = \mathbf{PI}(0,6,3,0,1,0)_{139} \\ &\ell_{64} = \begin{bmatrix} 1 & 0 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{2991} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{2991} = \mathbf{PI}(0,6,5,0,1,0)_{169} \\ &\ell_{65} = \begin{bmatrix} 1 & 0 & \gamma^2 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{2408} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{651} = \mathbf{PI}(0,4,0,0,1,0)_{92} \\ &\ell_{66} = \begin{bmatrix} 1 & 0 & 0 & 1 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{651} = \begin{bmatrix} 1 & 0 & 0 & 1 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{651} = \mathbf{PI}(0,4,5,0,1,0)_{167} \\ &\ell_{67} = \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{3575} = \begin{bmatrix} 1 & 0 & 0 & 4 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{3575} = \mathbf{PI}(0,4,5,0,1,0)_{167} \\ &\ell_{68} = \begin{bmatrix} 1 & 0 & 0 & \gamma^2 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2401} = \begin{bmatrix} 1 & 0 & 0 & 4 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2401} = \mathbf{PI}(0,4,7,0,1,0)_{107} \\ &\ell_{69} = \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{1821} = \begin{bmatrix} 1 & 0 & 0 & 3 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{1821} = \mathbf{PI}(0,4,7,0,1,0)_{197} \\ &\ell_{70} = \begin{bmatrix} 1 & 0 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1238} = \begin{bmatrix} 1 & 0 & 0 & 2 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{1238} = \mathbf{PI}(0,4,5,0,1,0)_{132} \\ &\ell_{72} = \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1238} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{2388} = \mathbf{PI}(0,4,5,0,1,0)_{132} \\ &\ell_{72} = \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^7 \end{bmatrix}_{3570} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{2986} = \mathbf{PI}(0,4,5,0,1,0)_{132} \\ &\ell_{73} = \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^7 \end{bmatrix}_{3570} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{3570} = \mathbf{PI}(0,3,0,0,1,0)_{134} \\ &\ell_{74} = \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^7 \end{bmatrix}_{3570} = \begin{bmatrix} 1 & 0 & 0 & 1 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{652} = \mathbf{PI}(0,3,5,0,1,0)_{166} \\ &\ell_{77} = \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3570} = \begin{bmatrix} 1 & 0 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3147} = \mathbf{PI}(0,3,5,0,1,0)_{166} \\ &\ell_{77} = \begin{bmatrix} 1 & 0 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3137} = \begin{bmatrix} 1 & 0 & 0 & 3 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3297} = \mathbf{PI}(0,3,7,0,1,0)_{106} \\ &\ell_{79} = \begin{bmatrix} 1 & 0 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3237} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3297} = \mathbf{PI}(0,3,7,0,1,0)_{106} \\ &\ell_{80} = \begin{bmatrix} 1 & 0 &$$

$$\begin{split} \ell_{83} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{3572} = \begin{bmatrix} 1 & 0 & 0 & 6 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{3572} = \mathbf{PI}(0,7,3,0,1,0)_{140} \\ \ell_{84} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{2403} = \begin{bmatrix} 1 & 0 & 0 & 4 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{2403} = \mathbf{PI}(0,7,4,0,1,0)_{155} \\ \ell_{85} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{1818} = \begin{bmatrix} 1 & 0 & 0 & 3 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{1818} = \mathbf{PI}(0,7,6,0,1,0)_{185} \\ \ell_{86} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{14153} = \begin{bmatrix} 1 & 0 & 0 & 7 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{14153} = \mathbf{PI}(0,7,1,0,1,0)_{110} \\ \ell_{87} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1239} = \begin{bmatrix} 1 & 0 & 0 & 2 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{1239} = \mathbf{PI}(0,7,5,0,1,0)_{170} \\ \ell_{88} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2990} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{2990} = \mathbf{PI}(0,7,2,0,1,0)_{125} \\ \ell_{89} &= \begin{bmatrix} 1 & 0 & \gamma & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1240} = \begin{bmatrix} 1 & 0 & 2 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1240} = \mathbf{PI}(0,2,0,0,1,0)_{190} \\ \ell_{90} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{654} = \begin{bmatrix} 1 & 0 & 0 & 6 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3571} = \mathbf{PI}(0,2,4,0,1,0)_{150} \\ \ell_{91} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1823} = \begin{bmatrix} 1 & 0 & 0 & 6 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3571} = \mathbf{PI}(0,2,4,0,1,0)_{160} \\ \ell_{92} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1823} = \begin{bmatrix} 1 & 0 & 0 & 4 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{2402} = \mathbf{PI}(0,2,5,0,1,0)_{165} \\ \ell_{94} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1823} = \begin{bmatrix} 1 & 0 & 0 & 3 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{1823} = \mathbf{PI}(0,2,7,0,1,0)_{165} \\ \ell_{95} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{2988} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2457} = \mathbf{PI}(0,2,7,0,1,0)_{105} \\ \ell_{96} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{2988} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2992} = \mathbf{PI}(0,5,5,0,1,0)_{165} \\ \ell_{96} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3573} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3573} = \mathbf{PI}(0,5,7,0,1,0)_{193} \\ \ell_{100} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3573} = \begin{bmatrix} 1 & 0 & 0 & 4 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3573} = \mathbf{PI}(0,5,7,0,1,0)_{193} \\ \ell_{100} &= \begin{bmatrix} 1 & 0 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{2406} = \begin{bmatrix} 1 & 0 & 0 & 3 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3573} = \mathbf{PI}(0,5,7,0,1,0)_{193} \\ \ell_{101} &= \begin{bmatrix} 1$$

$$\begin{split} &\ell_{104} = \begin{bmatrix} 1 & 0 & 0 & \gamma^3 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2985} = \begin{bmatrix} 1 & 0 & 0 & 5 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{2985} = \mathbf{PI}(0,5,1,0,1,0)_{108} \\ &\ell_{105} = \begin{bmatrix} 0 & 1 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4689} = \begin{bmatrix} 0 & 1 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4689} = \mathbf{PI}(0,1,0,1,0,0)_{25} \\ &\ell_{106} = \begin{bmatrix} 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4682} = \begin{bmatrix} 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4682} = \mathbf{PI}(0,1,0,1,0,1)_{777} \\ &\ell_{107} = \begin{bmatrix} 0 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{4732} = \begin{bmatrix} 0 & 1 & 0 & 6 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{4732} = \mathbf{PI}(0,6,0,6,0,1)_{857} \\ &\ell_{108} = \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4702} = \begin{bmatrix} 0 & 1 & 0 & 4 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{4712} = \mathbf{PI}(0,4,0,4,0,1)_{825} \\ &\ell_{109} = \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4702} = \begin{bmatrix} 0 & 1 & 0 & 3 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4702} = \mathbf{PI}(0,7,0,7,0,1)_{873} \\ &\ell_{110} = \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{4742} = \begin{bmatrix} 0 & 1 & 0 & 7 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4742} = \mathbf{PI}(0,7,0,7,0,1)_{873} \\ &\ell_{111} = \begin{bmatrix} 0 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4722} = \begin{bmatrix} 0 & 1 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4722} = \mathbf{PI}(0,5,0,5,0,1)_{841} \\ &\ell_{113} = \begin{bmatrix} 1 & 1 & 1 & 0 & 1 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{729} = \begin{bmatrix} 1 & 1 & 1 & 0 & 1 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{729} = \mathbf{PI}(0,1,0,1,1,0)_{209} \\ &\ell_{114} = \begin{bmatrix} 1 & 1 & 0 & 7 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3647} = \begin{bmatrix} 1 & 1 & 0 & 0 \\ 0 & 0 & 1 \end{bmatrix}_{729} = \mathbf{PI}(0,1,0,1,1,0)_{209} \\ &\ell_{115} = \begin{bmatrix} 1 & 1 & 0 & 7 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3647} = \begin{bmatrix} 1 & 1 & 0 & 4 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{2477} = \mathbf{PI}(0,4,3,4,4,1)_{2875} \\ &\ell_{117} = \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1892} = \begin{bmatrix} 1 & 1 & 0 & 4 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{2477} = \mathbf{PI}(0,4,3,4,4,1)_{2875} \\ &\ell_{119} = \begin{bmatrix} 1 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1892} = \begin{bmatrix} 1 & 1 & 0 & 4 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3062} = \mathbf{PI}(0,5,5,5,5,1)_{3440} \\ &\ell_{120} = \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3062} = \begin{bmatrix} 1 & 1 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{307} = \mathbf{PI}(0,5,5,5,5,1)_{3440} \\ &\ell_{120} = \begin{bmatrix} 1 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3062} = \begin{bmatrix} 1 & 1 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{307} = \mathbf{PI}(0,5,0,0,1)_{992} \\ &\ell_{121} = \begin{bmatrix} 0 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{4734} = \begin{bmatrix} 0 & 1 & 0 & 6 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4734} = \mathbf{PI}(0,6,0,1,0,1)_{992} \\ &\ell_{122} = \begin{bmatrix} 0$$

$$\begin{split} \ell_{125} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{4705} = \begin{bmatrix} 0 & 1 & 0 & 3 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{4705} = \mathbf{PI}(0,3,0,6,0,1)_{854} \\ \ell_{126} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4738} = \begin{bmatrix} 0 & 1 & 0 & 7 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4738} = \mathbf{PI}(0,7,0,3,0,1)_{813} \\ \ell_{127} &= \begin{bmatrix} 0 & 1 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4694} = \begin{bmatrix} 0 & 1 & 0 & 2 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{4694} = \mathbf{PI}(0,2,0,4,0,1)_{823} \\ \ell_{128} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{4724} = \begin{bmatrix} 0 & 1 & 0 & 5 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4724} = \mathbf{PI}(0,5,0,7,0,1)_{871} \\ \ell_{129} &= \begin{bmatrix} 1 & 1 & \gamma^6 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3649} = \begin{bmatrix} 1 & 1 & 6 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3649} = \mathbf{PI}(0,6,0,1,1,0)_{214} \\ \ell_{130} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{2478} = \begin{bmatrix} 1 & 1 & 0 & 4 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2478} = \mathbf{PI}(0,4,7,5,5,1)_{3439} \\ \ell_{131} &= \begin{bmatrix} 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{723} = \begin{bmatrix} 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{328} = \mathbf{PI}(0,6,1,1,1,1)_{1335} \\ \ell_{132} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{3642} = \begin{bmatrix} 1 & 1 & 0 & 3 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{342} = \mathbf{PI}(0,5,0,7,0,1)_{367} \\ \ell_{134} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4228} = \begin{bmatrix} 1 & 1 & 0 & 3 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4228} = \mathbf{PI}(0,6,1,1,1,1)_{1335} \\ \ell_{134} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4228} = \begin{bmatrix} 1 & 1 & 0 & 3 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4228} = \mathbf{PI}(0,7,4,3,3,1)_{2389} \\ \ell_{135} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{309} = \begin{bmatrix} 1 & 1 & 0 & 7 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4228} = \mathbf{PI}(0,7,4,3,3,1)_{2389} \\ \ell_{135} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3064} = \begin{bmatrix} 0 & 1 & 4 & 0 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4684} = \mathbf{PI}(0,5,5,7,7,1)_{4418} \\ \ell_{137} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4684} = \begin{bmatrix} 0 & 1 & 4 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4716} = \mathbf{PI}(0,4,0,1,0,0)_{28} \\ \ell_{143} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4739} = \begin{bmatrix} 0 & 1 & 0 & 6 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4739} = \mathbf{PI}(0,4,0,1,0,1)_{839} \\ \ell_{142} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4799} = \begin{bmatrix} 0 & 1 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4794} = \mathbf{PI}(0,5,0,0,1)_{839} \\ \ell_{142} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4799} = \begin{bmatrix} 0 & 1 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4794} = \mathbf{PI}(0,5,0,0,0,1)_{839} \\ \ell_{14$$

$$\begin{split} &\ell_{146} = \begin{bmatrix} 1 & 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{3648} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{3648} = \mathbf{PI}(0,6,5,7,7,1)_{4419} \\ &\ell_{147} = \begin{bmatrix} 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{724} = \begin{bmatrix} 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{724} = \mathbf{PI}(0,1,4,3,3,1)_{2383} \\ &\ell_{148} = \begin{bmatrix} 1 & 1 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{1844} = \begin{bmatrix} 1 & 1 & 0 & 4 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{2474} = \mathbf{PI}(0,4,1,1,1)_{1333} \\ &\ell_{149} = \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{1894} = \begin{bmatrix} 1 & 1 & 0 & 3 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{1894} = \mathbf{PI}(0,3,7,5,5,1)_{3438} \\ &\ell_{150} = \begin{bmatrix} 1 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1311} = \begin{bmatrix} 1 & 1 & 0 & 7 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{4229} = \mathbf{PI}(0,7,3,4,4,1)_{2878} \\ &\ell_{151} = \begin{bmatrix} 1 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{1311} = \begin{bmatrix} 1 & 1 & 0 & 2 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{1311} = \mathbf{PI}(0,2,2,6,6,1)_{3866} \\ &\ell_{152} = \begin{bmatrix} 1 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3059} = \begin{bmatrix} 1 & 1 & 0 & 5 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{3059} = \mathbf{PI}(0,5,6,2,2,1)_{1913} \\ &\ell_{153} = \begin{bmatrix} 0 & 1 & \gamma^5 & 0 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4685} = \begin{bmatrix} 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{4707} = \mathbf{PI}(0,3,0,1,0,0)_{27} \\ &\ell_{154} = \begin{bmatrix} 0 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4728} = \begin{bmatrix} 0 & 1 & 0 & 6 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{4729} = \mathbf{PI}(0,6,0,2,0,1)_{797} \\ &\ell_{156} = \begin{bmatrix} 0 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{4715} = \begin{bmatrix} 0 & 1 & 0 & 4 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4715} = \mathbf{PI}(0,4,0,7,0,1)_{870} \\ &\ell_{158} = \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{4729} = \begin{bmatrix} 0 & 1 & 0 & 3 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4700} = \mathbf{PI}(0,3,0,1,0,1)_{779} \\ &\ell_{158} = \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4720} = \begin{bmatrix} 0 & 1 & 0 & 7 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4700} = \mathbf{PI}(0,7,0,6,0,1)_{858} \\ &\ell_{159} = \begin{bmatrix} 0 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4720} = \begin{bmatrix} 0 & 1 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4720} = \mathbf{PI}(0,7,0,6,0,1)_{810} \\ &\ell_{161} = \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{4331} = \begin{bmatrix} 1 & 1 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4720} = \mathbf{PI}(0,7,2,6,6,1)_{3871} \\ &\ell_{162} = \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2431} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4231} = \mathbf{PI}(0,5,6,2,2,1)_{1914} \\ &\ell_{162} = \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2430} = \begin{bmatrix} 1 & 1 & 0 & 4 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3649} = \mathbf{PI}(0,5,5,7,1$$

$$\begin{split} &\ell_{167} = \begin{bmatrix} 1 & 1 & 1 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{1310} = \begin{bmatrix} 1 & 1 & 0 & 2 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{1310} = \mathbf{PI}(0,2,7,5,5,1)_{3437} \\ &\ell_{168} = \begin{bmatrix} 1 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3660} = \begin{bmatrix} 1 & 1 & 0 & 5 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3660} = \mathbf{PI}(0,5,4,3,3,1)_{2387} \\ &\ell_{169} = \begin{bmatrix} 0 & 1 & \gamma^4 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4743} = \begin{bmatrix} 0 & 1 & 0 & 1 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4743} = \mathbf{PI}(0,7,0,1,0,0)_{31} \\ &\ell_{170} = \begin{bmatrix} 0 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4686} = \begin{bmatrix} 0 & 1 & 0 & 1 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4686} = \mathbf{PI}(0,1,0,5,0,1)_{837} \\ &\ell_{171} = \begin{bmatrix} 0 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4730} = \begin{bmatrix} 0 & 1 & 0 & 4 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4711} = \mathbf{PI}(0,4,0,3,0,1)_{810} \\ &\ell_{172} = \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4701} = \begin{bmatrix} 0 & 1 & 0 & 4 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{4701} = \mathbf{PI}(0,4,0,3,0,1)_{794} \\ &\ell_{174} = \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{4701} = \begin{bmatrix} 0 & 1 & 0 & 7 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4736} = \mathbf{PI}(0,7,0,1,0,1)_{783} \\ &\ell_{175} = \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{4697} = \begin{bmatrix} 0 & 1 & 0 & 5 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4736} = \mathbf{PI}(0,5,0,6,0,1)_{868} \\ &\ell_{176} = \begin{bmatrix} 1 & 1 & \gamma^4 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4233} = \begin{bmatrix} 0 & 1 & 0 & 5 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4233} = \mathbf{PI}(0,7,0,1,1,0)_{215} \\ &\ell_{179} = \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3726} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3691} = \mathbf{PI}(0,3,6,2,2,1)_{1911} \\ &\ell_{179} = \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3726} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3645} = \mathbf{PI}(0,7,5,5,1)_{3436} \\ &\ell_{180} = \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{326} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3645} = \mathbf{PI}(0,4,4,3,3,1)_{2386} \\ &\ell_{181} = \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{312} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{2476} = \mathbf{PI}(0,7,1,1,1,1)_{1336} \\ &\ell_{184} = \begin{bmatrix} 1 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{366} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3645} = \mathbf{PI}(0,5,5,6,6,1)_{3869} \\ &\ell_{184} = \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{3663} = \begin{bmatrix} 1 & 1 & 0 & 5 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{312} = \mathbf{PI}(0,5,5,6,6,1)_{3869} \\ &\ell_{185} = \begin{bmatrix} 0 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{3663} = \begin{bmatrix} 0 & 1 & 0 & 6 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{4687} = \mathbf{PI}(0,5,0,0,1)_{302} \\$$

$$\begin{split} \ell_{188} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{4710} = \begin{bmatrix} 0 & 1 & 0 & 4 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{4710} = \mathbf{PI}(0,4,0,2,0,1)_{795} \\ \ell_{189} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{4706} = \begin{bmatrix} 0 & 1 & 0 & 3 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{4706} = \mathbf{PI}(0,3,0,7,0,1)_{869} \\ \ell_{190} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4740} = \begin{bmatrix} 0 & 1 & 0 & 7 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4740} = \mathbf{PI}(0,7,0,5,0,1)_{843} \\ \ell_{191} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{4691} = \begin{bmatrix} 0 & 1 & 0 & 2 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{4691} = \mathbf{PI}(0,2,0,1,0,1)_{778} \\ \ell_{192} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{4721} = \begin{bmatrix} 0 & 1 & 0 & 5 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{4721} = \mathbf{PI}(0,5,0,4,0,1)_{826} \\ \ell_{193} &= \begin{bmatrix} 1 & 1 & \gamma & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{1313} = \begin{bmatrix} 1 & 1 & 2 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3133} = \mathbf{PI}(0,2,0,1,1,0)_{210} \\ \ell_{194} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3661} = \begin{bmatrix} 1 & 1 & 0 & 5 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{3061} = \mathbf{PI}(0,5,3,4,4,1)_{2876} \\ \ell_{196} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{3644} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{3644} = \mathbf{PI}(0,6,4,3,3,1)_{2388} \\ \ell_{197} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{1896} = \begin{bmatrix} 1 & 1 & 0 & 4 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{2475} = \mathbf{PI}(0,4,6,2,2,1)_{1912} \\ \ell_{198} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4230} = \begin{bmatrix} 1 & 1 & 0 & 3 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{1896} = \mathbf{PI}(0,7,7,5,5,1)_{3442} \\ \ell_{199} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4230} = \begin{bmatrix} 1 & 1 & 0 & 2 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{1306} = \mathbf{PI}(0,7,7,5,5,1)_{3442} \\ \ell_{200} &= \begin{bmatrix} 1 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4731} = \begin{bmatrix} 0 & 1 & 5 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{4725} = \mathbf{PI}(0,4,0,6,0,1)_{867} \\ \ell_{201} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4731} = \begin{bmatrix} 0 & 1 & 0 & 4 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4731} = \mathbf{PI}(0,4,0,6,0,1)_{867} \\ \ell_{204} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{4731} = \begin{bmatrix} 0 & 1 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{4731} = \mathbf{PI}(0,4,0,6,0,1)_{855} \\ \ell_{205} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4733} = \begin{bmatrix} 0 & 1 & 0 & 7 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{4737} = \mathbf{PI}(0,7,0,2,0,1)_{798} \\ \ell_{206} &= \begin{bmatrix} 0 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{4693} = \begin{bmatrix} 0 & 1 & 0 & 5 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{4737} = \mathbf{PI}(0,5,0,1,0,1)_{798}$$

$$\ell_{209} = \begin{bmatrix} 1 & 1 & \gamma^3 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3065} = \begin{bmatrix} 1 & 1 & 5 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix}_{3065} = \mathbf{Pl}(0,5,0,1,1,0)_{213}$$

$$\ell_{210} = \begin{bmatrix} 1 & 1 & 0 & \gamma \\ 0 & 0 & 1 & \gamma^5 \end{bmatrix}_{1308} = \begin{bmatrix} 1 & 1 & 0 & 2 \\ 0 & 0 & 1 & 3 \end{bmatrix}_{1308} = \mathbf{Pl}(0,2,4,3,3,1)_{2384}$$

$$\ell_{211} = \begin{bmatrix} 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & \gamma^4 \end{bmatrix}_{728} = \begin{bmatrix} 1 & 1 & 0 & 1 \\ 0 & 0 & 1 & 7 \end{bmatrix}_{728} = \mathbf{Pl}(0,1,5,7,7,1)_{4414}$$

$$\ell_{212} = \begin{bmatrix} 1 & 1 & 0 & \gamma^6 \\ 0 & 0 & 1 & \gamma^3 \end{bmatrix}_{3646} = \begin{bmatrix} 1 & 1 & 0 & 6 \\ 0 & 0 & 1 & 5 \end{bmatrix}_{3646} = \mathbf{Pl}(0,6,7,5,5,1)_{3441}$$

$$\ell_{213} = \begin{bmatrix} 1 & 1 & 0 & \gamma^2 \\ 0 & 0 & 1 & \gamma^6 \end{bmatrix}_{2479} = \begin{bmatrix} 1 & 1 & 0 & 4 \\ 0 & 0 & 1 & 6 \end{bmatrix}_{2479} = \mathbf{Pl}(0,4,2,6,6,1)_{3868}$$

$$\ell_{214} = \begin{bmatrix} 1 & 1 & 0 & \gamma^5 \\ 0 & 0 & 1 & \gamma^2 \end{bmatrix}_{1893} = \begin{bmatrix} 1 & 1 & 0 & 3 \\ 0 & 0 & 1 & 4 \end{bmatrix}_{1893} = \mathbf{Pl}(0,3,3,4,4,1)_{2874}$$

$$\ell_{215} = \begin{bmatrix} 1 & 1 & 0 & \gamma^4 \\ 0 & 0 & 1 & \gamma \end{bmatrix}_{4227} = \begin{bmatrix} 1 & 1 & 0 & 7 \\ 0 & 0 & 1 & 2 \end{bmatrix}_{4227} = \mathbf{Pl}(0,7,6,2,2,1)_{1915}$$

$$\ell_{216} = \begin{bmatrix} 1 & 1 & 0 & \gamma^3 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3058} = \begin{bmatrix} 1 & 1 & 0 & 5 \\ 0 & 0 & 1 & 1 \end{bmatrix}_{3058} = \mathbf{Pl}(0,5,1,1,1,1)_{1334}$$

Rank of lines: (64, 137, 4672, 72, 65, 70, 68, 67, 71, 66, 69, 4680, 4673, 4678, 4676, 4675, 4679, 4674, 4677, 4744, 721, 648, 3568, 2400, 1816, 4152, 1232, 2984, 4681, 4726, 3641, 4708, 2473, 4699, 1889, 4735, 4225, 4690, 1305, 4717, 3057, 145, 138, 143, 141, 140, 144, 139, 142, 656, ...1893, 4227, 3058)Rank of points on Klein quadric: (2, 664, 649, 81, 96, 111, 126, 141, 156, 171, 186, 17, 769, 844, 814, 799, 859, 784, 829, 1, 672, 10, 15, 13, 12, 16, 11, 14, 657, 662, 677, 660, 675, 659, 674, 663, 678, 658, 673, 661, 676, 201, 1322, 3857, 2864, 2375, 4406, 1901, 3428, 89, ...2874, 1915, 1334)

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

	Line	ℓ_1	ℓ_2	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}
ir	n point	P_2	P_2	P_0	P_2																		

Line 1 intersects

Line	ℓ_0	ℓ_2	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}
in point	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2

Line 2 intersects

ſ	Line	ℓ_0	ℓ_1	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}
	in point	P_2	P_2	P_1	P_2																		

Line 3 intersects

Line	ℓ_0	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{11}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{41}	ℓ_{49}	ℓ_{50}	ℓ_{51}	-
in point	P_0	P_3	P_3	P_{75}	P_{76}	P_{77}	P_{78}	P_{79}	P_{80}	P_{81}	P_3	P_3	P_{75}	P_{76}	_							

Line 4 intersects

Line	ℓ_0	ℓ_3	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{12}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{42}	ℓ_{49}
in point	P_0	P_{138}	P_{138}	P_{139}	P_{140}	P_{141}	P_{142}	P_{143}	P_{144}	P_{145}	P_{138}	P_{139}							

${\bf Line~5~intersects}$

Line	ℓ_0	ℓ_3	ℓ_4	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{13}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{43}	ℓ_{49}
in point	P_0	P_{201}	P_{201}	P_{202}	P_{203}	P_{204}	P_{205}	P_{206}	P_{207}	P_{208}	P_{201}	P_{203}							

Line 6 intersects

Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{14}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{44}	ℓ_{49}
in point	P_0	P_{265}	P_{265}	P_{266}	P_{267}	P_{268}	P_{269}	P_{270}	P_{271}	P_{272}	P_{265}	P_{268}							

Line 7 intersects

Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{45}	ℓ_{49}
in point	P_0	P_{329}	P_{329}	P_{330}	P_{331}	P_{332}	P_{333}	P_{334}	P_{335}	P_{336}	P_{329}	P_{333}							

Line 8 intersects

Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_9	ℓ_{10}	ℓ_{16}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{46}	ℓ_{49}
in point	P_0	P_{393}	P_{393}	P_{394}	P_{395}	P_{396}	P_{397}	P_{398}	P_{399}	P_{400}	P_{393}	P_{398}							

Line 9 intersects

Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_{10}	ℓ_{17}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{47}	ℓ_{49}
in point	P_0	P_{457}	P_{457}	P_{458}	P_{459}	P_{460}	P_{461}	P_{462}	P_{463}	P_{464}	P_{457}	P_{463}							

Line 10 intersects

	Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{18}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{48}	ℓ_{49}
i	n point	P_0	P_{521}	P_{521}	P_{522}	P_{523}	P_{524}	P_{525}	P_{526}	P_{527}	P_{528}	P_{521}	P_{528}							

Line 11 intersects

Line	ℓ_2	ℓ_3	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{39}	ℓ_{41}	ℓ_{49}	ℓ_{57} ℓ
in point	P_1	P_3	P_1	P_3	P_{82}	P_{90}	P_{98}	P_{106}	P_{114}	P_{122}	P_{130}	P_3	P_3	P_3						

Line 12 int	erse	cts																	
Line	ℓ_2	ℓ_4	ℓ_{11}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{39}	ℓ_{42}	ℓ_{50}
in point	P_1	P_{138}			P_1	P_1	P_1	P_1	P_1	P_{138}		P_{153}	P_{161}	P_{169}	P_{177}	P_{185}	P_{193}	P_{138}	P_{138}
Line 13 int					1														
Line	ℓ_2	ℓ_5	ℓ_{11}	ℓ_{12}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{39}	ℓ_{43}	ℓ_{51}
in point	P_1	P_{201}	P_1		P_1	P_1	P_1	P_1	P_1	P_{201}			P_{225}	P_{233}	P_{241}	P_{249}	P_{257}	P_{201}	P_{201}
Line 14 int	erse																		
Line	ℓ_2	ℓ_6	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{39}	ℓ_{44}	ℓ_{52}
in point	P_1	P_{265}			P_1	P_1	P_1	P_1	P_1	P_{265}			P_{289}		P_{305}	P_{313}	P_{321}	P_{265}	P_{265}
Line 15 int	ersec					1										1			
Line	ℓ_2	ℓ_7	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{39}	ℓ_{45}	ℓ_{53}
in point	P_1	P_{329}	P_1		P_1	P_1	P_1	P_1	P_1	P_{329}	P_{337}	P_{345}	P_{353}		P_{369}	P_{377}	P_{385}	P_{329}	P_{329}
Line 16 int	ersec	cts																	
Line	ℓ_2	ℓ_8	ℓ_{11}		ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{17}	ℓ_{18}			ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{39}	ℓ_{46}	ℓ_{54}
in point	P_1	P_{393}	P_1	P_1	P_1	P_1	P_1	P_1	P_1	P_{393}	P_{401}	P_{409}	P_{417}	P_{425}	P_{433}	P_{441}	P_{449}	P_{393}	P_{393}
Line 17 int		cts															_		
Line	ℓ_2	ℓ_9	ℓ_{11}		ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{18}		ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{39}	ℓ_{47}	ℓ_{55}
in point	P_1	P_{457}	P_1	P_1	P_1	P_1	P_1	P_1	P_1	P_{457}	P_{465}	P_{473}	P_{481}	P_{489}	P_{497}	P_{505}	P_{513}	P_{457}	P_{457}
Line 18 int															,				
Line	ℓ_2	ℓ_{10}	ℓ_{11}		ℓ_{13}		ℓ_{15}	ℓ_{16}	ℓ_{17}		ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{39}	ℓ_{48}	ℓ_{56}
in point	P_1	P_{521}	P_1	P_1	P_1	P_1	P_1	P_1	P_1	P_{521}	P_{529}	P_{537}	P_{545}	P_{553}	P_{561}	P_{569}	P_{577}	P_{521}	P_{521}
Line 19 int																			
Line	ℓ_0				ℓ_4	ℓ_5	ℓ_6		l ₇	ℓ_8	ℓ_9	ℓ_{10}	$\ell_{11} \mid \ell$				ℓ_1		17
in point	P_2	P_2	P_2	$P_3 \mid P$	2138	P_{201}	P_{265}	$S \mid P_3$	329	P_{393}	P_{457}	P_{521}	$P_3 \mid P$	$P_{138} \mid P_{2}$	P_2	$_{265} \mid P_{3}$	P_3	$_{393}\mid P_{4}$	157 I
Line 20 int																			
Line	ℓ_0					$\ell_{22} \mid \ell_2$					ℓ_{27} ℓ_{28}		ℓ_{30} ℓ	$\ell_{31} \mid \ell_{32}$			ℓ_{35} ℓ_3		
in point	P_2	P_2	P_2	$P_2 \mid I$	$P_2 \mid I$	$P_2 \mid P$	$P_2 \mid P$	$P_2 \mid I$	P_2	$P_2 \mid F$	$P_2 \mid P_2$	P_2	P_2	$P_2 \mid P_2$	P_2	P_2	$P_2 \mid P$	$P_2 \mid P_2$	P_2
Line 21 int	ersec	cts																	
Line	ℓ_0			ℓ_3	ℓ_4	ℓ_5	ℓ_6		ℓ_7	ℓ_8	ℓ_9	ℓ_{10}		ℓ_{20} ℓ_{22}			ℓ_{25} ℓ_2		
in point	P_2	P_2	P_2	P_{75}	P_{139}	P_{202}	P_{26}	$\frac{1}{36} \mid F$	P ₃₃₀	P_{394}	P_{458}	P_{522}	$P_2 \mid I$	$P_2 \mid P_2$	P_2	P_2	$P_2 \mid P$	$P_2 \mid P_2$	P_2
Line 22 int	erse	cts																	
Line	ℓ_0			ℓ_3	ℓ_4	ℓ_5	ℓ_6		ℓ_7	ℓ_8	ℓ_9	ℓ_{10}		$\ell_{20} \mid \ell_{21}$			ℓ_{25} ℓ_2		ℓ_{28}
	וסו	D	D	D	D	D	D	T	D	D	D	D	D	D D	D	D	$D \mid T$	D D	l D

Line 24 int	erse	${ m cts}$																		
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}
in point	P_2	P_2	P_2	P_{78}	P_{142}	P_{205}	P_{269}	P_{333}	P_{397}	P_{461}	P_{525}	P_2								

 P_{395}

 ℓ_8

 P_{396}

 P_{459}

 ℓ_9

 P_{460}

 P_{523}

 ℓ_{10}

 P_{524}

 P_2

 ℓ_{19}

 P_2

 P_2

 ℓ_{20}

 P_2

 P_2

 ℓ_{21}

 P_2

 P_2

 ℓ_{22}

 P_2

 P_2

 ℓ_{24}

 P_2

 ℓ_{25}

 P_2

 ℓ_{26}

 P_2

 P_2

 ℓ_{28}

 P_2

 ℓ_{27}

 P_{331}

 ℓ_7

 P_{332}

in point P_2 P_2

 ${\rm Line}~23~{\rm intersects}$ Line

in point

 P_{76}

 ℓ_3

 P_{77}

 P_2

 ℓ_2

 P_2

 ℓ_1

 P_2 P_2

 P_{140}

 ℓ_4

 P_{141}

 P_{203}

 ℓ_5

 P_{204}

 P_{267}

 ℓ_6

 P_{268}

Line 25 in	terse	${ m cts}$																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_3	ℓ_4	ℓ	5	ℓ_6	ℓ_7	ℓ_8		ℓ_9	ℓ_{10}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{26}	ℓ_{27}	ℓ_{28}
in point	P_2	P_2	P_2	P_{79}	P_{143}	P_2	_	P_{270}	P_{334}	P_{39}		P_{462}	P_{526}	P_2								
Line 26 in	terse	cts																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_3	ℓ_4	ℓ	5	ℓ_6	ℓ_7	ℓ_8		ℓ_9	ℓ_{10}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{27}	ℓ_{28}
in point	P_2	P_2	P_2	P_{80}	P_{144}	P_2		P_{271}	P_{335}	P_{39}		P_{463}	P_{527}	P_2								
Line 27 in	terse	${ m cts}$																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_3	ℓ_4	$\ell_{!}$	5	ℓ_6	ℓ_7	ℓ_8		ℓ_9	ℓ_{10}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{28}
in point	P_2	P_2	P_2	P_{81}	P_{145}	P_2		P_{272}	P_{336}	P_{40}		P_{464}	P_{528}	P_2								
Line 28 in	terse	${ m cts}$																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{11}	ℓ_{12}	ℓ_1	3	ℓ_{14}	ℓ_{15}	ℓ_{16}	6	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_2
in point	P_2	P_2	P_2	P_{82}	P_{146}	P_2		P_{273}	P_{337}	P_{40}		P_{465}	P_{529}	P_2								
Line 29 in	terse	${ m cts}$																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{11}	ℓ_{12}	ℓ_1	3	ℓ_{14}	ℓ_{15}	ℓ_{16}	3	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_2
in point	P_2	P_2	P_2	P_{90}	P_{153}	P_2	_	P_{281}	P_{345}	P_{40}		P_{473}	P_{537}	P_2								
Line 30 in	terse	${ m cts}$																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{20}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{32}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}
in point	P_2	P_2	P_2	P_2		P_2																
Line 31 in	terse	cts																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{11}	ℓ_{12}	ℓ_1	3	ℓ_{14}	ℓ_{15}	ℓ_{16}	3	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_2
in point	P_2	P_2	P_2	P_{98}	P_{161}	P_2		P_{289}	P_{353}	P_{41}		P_{481}	P_{545}	P_2								
Line 32 in	terse	${ m cts}$																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{20}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{33}	ℓ_{34}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}
in point	P_2	P_2	P_2	P_2		P_2	P_2	P_2	P_2	P_2	P_2			P_2								
Line 33 in	terse	cts																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{11}	ℓ_{12}	ℓ	13	ℓ_{14}	ℓ_{15}	ℓ_1	16	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ
in point	P_2	P_2	P_2	P_{106}			233	P_{297}	P_{361}	P_4	25	P_{489}	P_{553}		P_2							
Line 34 in	terse	cts																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{20}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_{33}	ℓ_{35}	ℓ_{36}	ℓ_{37}	ℓ_{38}
in point	P_2	P_2	P_2	P_2		P_2	P_2		P_2	P_2	P_2	P_2		P_2								
Line 35 in	terse	cts																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{11}	ℓ_{12}		13	ℓ_{14}	ℓ_{15}	ℓ_1	16	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_2

	ℓ_{15}												
P_{313}	P_{377}	P_{441}	P_{505}	P_{569}	P_2	Ĺ							

in point

in point

 ${\rm Line}~36~{\rm intersects}$ Line

 ${\rm Line}~37~{\rm intersects}$

Line

in point

 ℓ_0

 P_2

 ℓ_1

 P_2

 ℓ_1

 P_2

 P_2

 ℓ_2

 P_2

 ℓ_2

 P_2

 P_{114}

 ℓ_{19}

 P_2

 ℓ_{11}

 P_{122}

 P_{177}

 ℓ_{12}

 P_{185}

 ℓ_{21}

 P_2

 ℓ_{20}

 P_{241}

 ℓ_{22}

 P_2

 ℓ_{13}

 P_{249}

 P_{305}

 ℓ_{23}

 P_2

 P_{369}

 ℓ_{24}

 P_2

 P_{433}

 ℓ_{26}

 P_2

 ℓ_{25}

 P_2

 P_{497}

 ℓ_{27}

 $\overline{P_2}$

 P_{561}

 ℓ_{28}

 P_2

 P_2

 ℓ_{29}

 P_2

 P_2

 ℓ_{30}

 P_2

 P_2

 ℓ_{31}

 P_2

 P_2

 ℓ_{32}

 P_2

 ℓ_{33}

 $\overline{P_2}$

 P_2

 ℓ_{34}

 P_2

 P_2

 ℓ_{35}

 P_2

 P_{2}

 ℓ_{38}

 P_2

 ℓ_2

 ℓ_{37}

Line	38	intersects
	0	1110 01 200 02

Line oo in		.00																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}	ℓ_{32}	ℓ_3	ℓ_3	$4 \mid \ell_3$	$_5 \mid \ell_3$	$6 \mid \ell_{37}$
in point	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	$P_2 \mid P$	P_2 P_2
Line 39 int	tersec	ets																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{11}	ℓ_{12}	2 1	213	ℓ_{14}	ℓ_{15}	ℓ	16	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_2	$_1 \mid \ell_2$	ℓ_2	23 \ \ell_2	$_{24}$ ℓ	$_{25}$ ℓ	ℓ_{26} ℓ_2
in point	P_2	P_2	P_2	P_{130}	P_{19}	$_{93}$ F	257	P_{321}	P_{38}	$_{5}$ P_{2}	149	P_{513}	P_{577}	P_2	P_2	P	P	$P_2 \mid F$	$P_2 \mid P$	$P_2 \mid I$	P_2	$P_2 \mid P$
Line 40 int	terse	ets																				
Line	ℓ_0	ℓ_1	ℓ_2	ℓ_{19}	ℓ_{20}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}	ℓ_{28}	ℓ_{29}	ℓ_{30}	ℓ_{31}		ℓ_3	ℓ_3	$_4 \mid \ell_3$	$_5 \mid \ell_3$	
in point	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P_2	P	$P_2 \mid P$	$P_2 \mid P_2$
Line 41 int	terse	ets	_	_	_	_																
Line	ℓ_1	ℓ_3	ℓ_{11}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_3	2	234	ℓ_{36}	ℓ_{38}	; \ \ell_{.}	40 \(\ell \)	242	£43	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{49}	ℓ_{57}
in point	P_5	P_3	P_3	P_3	P_{83}	P_{92}	P_{10}	$_{01}$ F	110	P_{119}	P_{12}	8 P	137	P_5 .	P_5	P_5	P_5	P_5	P_5	P_5	P_3	P_3
Line 42 int	terse	ets					·	·				·	·	·	·						•	
Line	ℓ_1	ℓ_4	ℓ	12	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_3	2	234	ℓ_{36}	ℓ_{38}	ℓ_4	10 \(\ell \)	41	43	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{50}
in point	P_5	P_{138}	3 P:	138	P_{138}	P_4	P_{155}	P_{10}	$_{54}$ F	173	P_{182}	P_{19}	P_2	00	P_5	P_5	P_5	P_5	P_5	P_5	P_5	P_{138}
T: 40:															·		•					

${\bf Line~43~intersects}$

Line	ℓ_1	ℓ_5	ℓ_{13}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{51}
in point	P_5	P_{201}	P_{201}	P_{201}	P_{210}	P_{219}	P_{228}	P_{237}	P_{246}	P_{255}	P_{264}	P_5	P_{201}						

Line 44 intersects

Line	ℓ_1	ℓ_6	ℓ_{14}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{52}
in point	P_5	P_{265}	P_{265}	P_{265}	P_{274}	P_{283}	P_{292}	P_{301}	P_{310}	P_{319}	P_{328}	P_5	P_{265}						

${\bf Line~45~intersects}$

Line	ℓ_1	ℓ_7	ℓ_{15}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{46}	ℓ_{47}	ℓ_{48}	ℓ_{53}
in point	P_5	P_{329}	P_{329}	P_{329}	P_{338}	P_{347}	P_{356}	P_{365}	P_{374}	P_{383}	P_{392}	P_5	P_{329}						

Line 46 intersects

_																				
	Line	ℓ_1	ℓ_8	ℓ_{16}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{47}	ℓ_{48}	ℓ_{54}
	in point	P_5	P_{393}	P_{393}	P_{393}	P_{402}	P_{411}	P_{420}	P_{429}	P_{438}	P_{447}	P_{456}	P_5	P_{393}						

Line 47 intersects

Line	ℓ_1	ℓ_9	ℓ_{17}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{48}	ℓ_{55}
in point	P_5	P_{457}	P_{457}	P_{457}	P_{466}	P_{475}	P_{484}	P_{493}	P_{502}	P_{511}	P_{520}	P_5	P_{457}						

Line 48 intersects

Line	ℓ_1	ℓ_{10}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	ℓ_{56}
in point	P_5	P_{521}	P_{521}	P_{521}	P_{530}	P_{539}	P_{548}	P_{557}	P_{566}	P_{575}	P_{584}	P_5	P_{521}						

Line 49 intersects

Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{11}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}
in point	P_{12}	P_3	P_{139}	P_{203}	P_{268}	P_{333}	P_{398}	P_{463}	P_{528}	P_3	P_3	P_{139}	P_{203}	P_{268}	P_{333}	P_{398}	P_{463}	P_{528}

${\rm Line}~50~{\rm intersects}$

Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{12}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ
in point	P_{12}	P_{75}	P_{138}	P_{204}	P_{267}	P_{334}	P_{397}	P_{464}	P_{527}	P_{138}	P_{138}	P_{75}	P_{267}	P_{204}	P_{397}	P_{334}	P_{527}	P

Line 51 in																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{13}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	L,
in point	P_{12}	P_{76}	P_{141}	P_{201}	P_{266}	P_{335}	P_{400}	P_{461}	P_{526}	P_{201}	P_{201}	P_{266}	P_{76}	P_{141}	P_{461}	P_{526}	P_{335}	
Line 52 in	tersec	ts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{14}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{12}	P_{77}	P_{140}	P_{202}	P_{265}	P_{336}	P_{399}	P_{462}	P_{525}	P_{265}	P_{265}	P_{202}	P_{140}	P_{77}	P_{525}	P_{462}	P_{399}	Ī
Line 53 in	tersec	ts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{12}	P_{78}	P_{143}	P_{207}	P_{272}	P_{329}	P_{394}	P_{459}	P_{524}	P_{329}	P_{329}	P_{394}	P_{459}	P_{524}	P_{78}	P_{143}	P_{207}	i
Line 54 in	tersec	ts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{16}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{12}	P_{79}	P_{142}	P_{208}	P_{271}	P_{330}	P_{393}	P_{460}	P_{523}	P_{393}	P_{393}	P_{330}	P_{523}	P_{460}	P_{142}	P_{79}	P_{271}	i
Line 55 in	tersec	$^{ m ts}$																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{17}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{12}	P_{80}	P_{145}	P_{205}	P_{270}	P_{331}	P_{396}	P_{457}	P_{522}	P_{457}	P_{457}	P_{522}	P_{331}	P_{396}	P_{205}	P_{270}	P_{80}	i
Line 56 in	tersec	$^{ m ts}$																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{18}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	T
in point	P_{12}	P_{81}	P_{144}	P_{206}	P_{269}	P_{332}	P_{395}	P_{458}	P_{521}	P_{521}	P_{521}	P_{458}	P_{395}	P_{332}	P_{269}	P_{206}	P_{144}	I
Line 57 in	tersec	ts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}		$\ell_{19} \mid \ell_{2}$	ℓ_2	22 \ell_2	23 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	24	25 \ \ell \ell		27
in point	P_{13}	P_3	P_{140}	P_{205}	P_{271}	P_{334}	P_{400}	P_{458}	P_{524}	$P_3 \mid I$	$P_3 \mid P_4$	P_1	$A_{40} \mid P_{5}$	$P_{24} \mid P_{2}$	$P_{205} \mid P_{5}$	$_{334} \mid P$	$P_{271} \mid P_{271} \mid$	40
Line 58 in	tersec	ts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{17}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{13}	P_{75}	P_{141}	P_{206}	P_{272}	P_{333}	P_{399}	P_{457}	P_{523}	P_{457}	P_{457}	P_{75}	P_{523}	P_{141}	P_{333}	P_{206}	P_{399}	i
Line 59 in	tersec	$^{ m ts}$																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{12}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{13}	P_{76}	P_{138}	P_{207}	P_{269}	P_{336}	P_{398}	P_{460}	P_{522}	P_{138}	P_{138}	P_{522}	P_{76}	P_{460}	P_{269}	P_{398}	P_{207}	i
Line 60 in	tersec	ts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{18}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{13}	P_{77}	P_{139}	P_{208}	P_{270}	P_{335}	P_{397}	P_{459}	P_{521}	P_{521}	P_{521}	P_{139}	P_{459}	P_{77}	P_{397}	P_{270}	P_{335}	i
Line 61 in	tersec	ts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{13}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{13}	P_{78}	P_{144}	P_{201}	P_{267}	P_{330}	P_{396}	P_{462}	P_{528}	P_{201}	P_{201}	P_{330}	P_{267}	P_{396}	P_{78}	P_{462}	P_{144}	1
Line 62 in	tersec	ts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{13}	P_{79}	P_{145}	P_{202}	P_{268}	P_{329}	P_{395}	P_{461}	P_{527}	P_{329}	P_{329}	P_{202}	P_{395}	P_{268}	P_{461}	P_{79}	P_{527}	i

 ℓ_9

 P_{464}

 ℓ_{10}

 P_{526}

 ℓ_{14}

 P_{265}

 ℓ_{19}

 P_{265}

 ℓ_{21}

 P_{394}

 ℓ_{22}

 P_{203}

 ℓ_{23}

 P_{332}

 ℓ_{24}

 P_{142}

 ℓ_8

 P_{394}

 ℓ_7

 P_{332}

 ℓ_6

 P_{265}

 ℓ_5

 P_{203}

 $\frac{\ell_{25}}{P_{526}}$

 ℓ_{26}

 P_{80}

 ${\rm Line}~63~{\rm intersects}$

 ℓ_3

 P_{80}

 P_{13}

 ℓ_4

 P_{142}

Line

in point

T	ino	61	intersects
- 1	лnе	04	intersects

Line 64 int	ersect	S																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{16}	ℓ	19	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_2	24	ℓ_{25}	ℓ_{26}	T
in point	P_{13}	P_{81}	P_{143}	P_{204}	P_{266}	P_{331}	P_{393}	P_{463}	P_{525}	P_{393}	P	393	P_{266}	P_{331}	P_{20}	P_5	$_{25} \mid I$	143	P_{463}	
Line 65 int	ersect	S																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{11}	ℓ_{19}	ℓ_2				ℓ_{24}	ℓ_{25}	ℓ_2		ℓ_{27}
in point	P_{14}	P_3	P_{141}	P_{207}	P_{270}	P_{330}	P_{395}	P_{464}	P_{525}	P_3	P_3	P_{33}	$_{30} \mid P_3$	$_{895}$ I	P_{141}	525	P_{270}	P_2	$_{07} \mid F$	464
Line 66 int	ersect	S																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{15}		19	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}		25	ℓ_{26}	l
in point	P_{14}	P_{75}	P_{140}	P_{208}	P_{269}	P_{329}	P_{396}	P_{463}	P_{526}	P_{329}	P	329	P_{75}	P_{140}	P_{396}	P_{26}	$P_{59} \mid P_{5}$	526	P_{463}	P
Line 67 int	ersect	S																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{16}		19	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}		25	ℓ_{26}	l
in point	P_{14}	P_{76}	P_{139}	P_{205}	P_{272}	P_{332}	P_{393}	P_{462}	P_{527}	P_{393}	$P_{3} \mid P_{3}$	393	P_{139}	P_{76}	P_{332}	P_{20}	P_2	162	P_{527}	P
Line 68 int	ersect	S																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{12}	ℓ	19	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}		25	ℓ_{26}	l
in point	P_{14}	P_{77}	P_{138}	P_{206}	P_{271}	P_{331}	P_{394}	P_{461}	P_{528}	P_{138}	P	138	P_{394}	P_{331}	P_{77}	P_{46}	$P_1 \mid P_2$	206	P_{271}	P
Line 69 int	ersect	s																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{18}		19	ℓ_{21}	ℓ_{22}	ℓ_{23}			25	ℓ_{26}	l
in point	P_{14}	P_{78}	P_{145}	P_{203}	P_{266}	P_{334}	P_{399}	P_{460}	P_{521}	P_{521}	P	521	P_{266}	P_{203}	P_{460}	P_7	$P_8 \mid P_5$	334	P_{399}	P
Line 70 int	ersect	S																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{14}		19	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_2		25	ℓ_{26}	l
in point	P_{14}	P_{79}	P_{144}	P_{204}	P_{265}	P_{333}	P_{400}	P_{459}	P_{522}	P_{265}	P	265	P_{522}	P_{459}	P_{20}	P_3	$_{33} \mid I$	79	P_{144}	P
Line 71 int	ersect	S																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{13}		19	ℓ_{21}	ℓ_{22}	ℓ_{23}			ℓ_{25}	ℓ_{26}	ℓ
in point	P_{14}	P_{80}	P_{143}	P_{201}	P_{268}	P_{336}	P_{397}	P_{458}	P_{523}	P_{201}	P	201	P_{458}	P_{523}	P_{268}	P_3	$_{97} \mid I$	143	P_{80}	P
Line 72 int	ersect	īs.																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{17}		19	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_2		ℓ_{25}	ℓ_{26}	$oxed{T}$
in point	P_{14}	P_{81}	P_{142}	P_{202}	P_{267}	P_{335}	P_{398}	P_{457}	P_{524}	P_{457}	P	457	P_{202}	P_{267}	P_{52}	P_1	.42 <i>I</i>	398	P_{335}	
Line 73 int	ersect	S																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}		ℓ_{19}	ℓ_2				ℓ_{24}	ℓ_{25}	ℓ_2		ℓ_{27}
in point	P_{15}	P_3	P_{142}	P_{206}	P_{266}	P_{336}	P_{396}	P_{459}	P_{527}	P_3	P_3	P_{26}	$_{66} \mid P_4$	₁₅₉ I	$P_{396} I$	142	P_{206}	P_5	$_{27}\mid F$	336
Line 74 int	ersect	īS.																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{14}		19	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}		25	ℓ_{26}	l
in point	P_{15}	P_{75}	P_{143}	P_{205}	P_{265}	P_{335}	P_{395}	P_{460}	P_{528}	P_{265}	P	265	P_{75}	P_{395}	P_{460}	P_{20}	$_{15} \mid P_{1}$	143	P_{335}	P
Line 75 int	ersect	S																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{17}		19	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}		25	ℓ_{26}	l
in point	P_{15}	P_{76}	P_{144}	P_{208}	P_{268}	P_{334}	P_{394}	P_{457}	P_{525}	P_{457}	P	457	P_{394}	P_{76}	P_{268}	P_{52}	$_{15} \mid P_{3}$	334	P_{144}	P
Line 76 int	ersect	S																		

 ℓ_8

 P_{393}

 ℓ_{10}

 P_{526}

 ℓ_{16}

 P_{393}

 ℓ_{19}

 P_{393} P_{458}

 ℓ_{21}

 ℓ_9

 P_{458}

 $\ell_{23} \\ P_{77}$

 ℓ_{24}

 P_{333}

 ℓ_{25}

 P_{526}

 ℓ_{26}

 P_{207}

 ℓ_{22}

 P_{267}

 $\frac{\ell_6}{P_{267}}$

 ℓ_7

 P_{333}

 ℓ_4

Line

in point

 $P_{15} \mid P_{77}$

 ℓ_5

 P_{145} P_{207}

Line 77 intersects		
	ℓ_{23} ℓ_{24} ℓ_{24}	ℓ_{25} ℓ_{26} ℓ
in point P_{15} P_{78} P_{138} P_{202} P_{270} P_{332} P_{400} P_{463} P_{523} P_{138} P_{138} P_{202} P_{523} P_{53}	$P_{332} P_{78} P_{78}$	$P_{270} P_{463} P_{463}$
Line 78 intersects		
	ℓ_{23}	ℓ_{25} ℓ_{26} ℓ
in point P_{15} P_{79} P_{139} P_{201} P_{269} P_{331} P_{399} P_{464} P_{524} P_{201} P_{201} P_{139} P_{331} P_{520}		$P_{79} P_{399} P$
Line 79 intersects		
	$\ell_{23} = \ell_{24}$	ℓ_{25} ℓ_{26} ℓ
		P_{398} P_{80} P
Line 80 intersects		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\ell_{23} = \ell_{24}$	ℓ_{25} ℓ_{26}
	P_{397}	$P_{462} P_{271} $
Line 81 intersects		
	ℓ_{24} ℓ_{25}	ℓ_{26} ℓ_{27}
in point P_{16} P_{3} P_{143} P_{208} P_{267} P_{332} P_{399} P_{461} P_{522} P_{3} P_{3} P_{522} P_{267} P_{332}	P_{461} P_{143}	$P_{399} \mid P_{208}$
Line 82 intersects		
Line ℓ_0 ℓ_3 ℓ_4 ℓ_5 ℓ_6 ℓ_7 ℓ_8 ℓ_9 ℓ_{10} ℓ_{18} ℓ_{19} ℓ_{21} ℓ_{22} ℓ_{23}		ℓ_{25} ℓ_{26} ℓ
in point P_{16} P_{75} P_{142} P_{207} P_{268} P_{331} P_{400} P_{462} P_{521} P_{521} P_{521} P_{75} P_{331} P_{268}	$_{68}$ P_{142} P	$P_{462} P_{207} F$
Line 83 intersects		
Line ℓ_0 ℓ_3 ℓ_4 ℓ_5 ℓ_6 ℓ_7 ℓ_8 ℓ_9 ℓ_{10} ℓ_{14} ℓ_{19} ℓ_{21} ℓ_{22} ℓ_{23}		ℓ_{25} ℓ_{26} ℓ
in point P_{16} P_{76} P_{145} P_{206} P_{265} P_{330} P_{397} P_{463} P_{524} P_{265} P_{265} P_{330} P_{76} P_{52}	$P_{397} P_{397} P_{3$	$P_{206} \mid P_{463} \mid F$
Line 84 intersects		
Line ℓ_0 ℓ_3 ℓ_4 ℓ_5 ℓ_6 ℓ_7 ℓ_8 ℓ_9 ℓ_{10} ℓ_{15} ℓ_{19} ℓ_{21} ℓ_{22} ℓ_2		ℓ_{25} ℓ_{26} ℓ
in point $\begin{vmatrix} P_{16} & P_{77} & P_{144} & P_{205} & P_{266} & P_{329} & P_{398} & P_{464} & P_{523} & P_{329} & P_{329} & P_{266} & P_{523} & P_{52$	$P_{77} \mid P_{205} \mid P_{205}$	$P_{398} \mid P_{144} \mid P_{1$
Line 85 intersects		
		ℓ_{25} ℓ_{26} ℓ
in point P_{16} P_{78} P_{139} P_{204} P_{271} P_{336} P_{395} P_{457} P_{526} P_{457} P_{457} P_{139} P_{395} P_{205}	$P_{78} P_{78} P_{78} $	$P_{526} \mid P_{271} \mid F$
Line 86 intersects		
	$\ell_{23} = \ell_{24}$	ℓ_{25} ℓ_{26} ℓ
in point $\begin{vmatrix} P_{16} & P_{79} & P_{138} & P_{203} & P_{272} & P_{335} & P_{396} & P_{458} & P_{525} & P_{138} & P_{138} & P_{458} & P_{203} & P_{335} & P_{33$		D D T
III Point 1 10 1 19 1 136 1 203 1 212 1 353 1 390 1 436 1 323 1 136 1 138 1 436 1 203 1	P_{525}	$P_{79} \mid P_{335} \mid P_{35$
Line 87 intersects	P_{525}	$P_{79} \mid P_{335} \mid I$
Line 87 intersects $\begin{array}{ c c c c c c c c c c c c c c c c c c c$	ℓ_{23}	$egin{array}{ c c c c c c c c c c c c c c c c c c c$

Line 88 in	tersec	ts															
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{13}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}
in point	P_{16}	P_{81}	P_{140}	P_{201}	P_{270}	P_{333}	P_{394}	P_{460}	P_{527}	P_{201}	P_{201}	P_{394}	P_{140}	P_{460}	P_{333}	P_{270}	P_{527}
Line 89 in	tersect	ts															

																		ļ
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{11}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	ℓ_{27}
in point	P_{17}	P_3	P_{144}	P_{202}	P_{272}	P_{331}	P_{397}	P_{460}	P_{526}	P_3	P_3	P_{202}	P_{331}	P_{460}	P_{397}	P_{526}	P_{144}	P_{272}

Line 90 int	ersect	S																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{13}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	1
in point	P_{17}	P_{75}	P_{145}	P_{201}	P_{271}	P_{332}	P_{398}	P_{459}	P_{525}	P_{201}	P_{201}	P_{75}	P_{459}	P_{332}	P_{525}	P_{398}	P_{271}	$\mid P$
Line 91 int	ersect	S																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	l
in point	P_{17}	P_{76}	P_{142}	P_{204}	P_{270}	P_{329}	P_{399}	P_{458}	P_{528}	P_{329}	P_{329}	P_{458}	P_{76}	P_{204}	P_{142}	P_{270}	P_{399}	$\bot P$
Line 92 int	ersect	S																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{17}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	l
in point	P_{17}	P_{77}	P_{143}	P_{203}	P_{269}	P_{330}	P_{400}	P_{457}	P_{527}	P_{457}	P_{457}	P_{330}	P_{203}	P_{77}	P_{269}	P_{143}	P_{527}	F
Line 93 int	ersect	S																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{16}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	l
in point	P_{17}	P_{78}	P_{140}	P_{206}	P_{268}	P_{335}	P_{393}	P_{464}	P_{522}	P_{393}	P_{393}	P_{522}	P_{140}	P_{268}	P_{78}	P_{206}	P_{335}	P
Line 94 int	ersect	S																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{18}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	l
in point	P_{17}	P_{79}	P_{141}	P_{205}	P_{267}	P_{336}	P_{394}	P_{463}	P_{521}	P_{521}	P_{521}	P_{394}	P_{267}	P_{141}	P_{205}	P_{79}	P_{463}	P
Line 95 int		S																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{12}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	1
in point	P_{17}	P_{80}	P_{138}	P_{208}	P_{266}	P_{333}	P_{395}	P_{462}	P_{524}	P_{138}	P_{138}	P_{266}	P_{395}	P_{524}	P_{333}	P_{462}	P_{80}	<i>F</i>
Line 96 int																		
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{14}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	#
in point	P_{17}	P_{81}	P_{139}	P_{207}	P_{265}	P_{334}	P_{396}	P_{461}	P_{523}	P_{265}	P_{265}	P_{139}	P_{523}	P_{396}	P_{461}	P_{334}	P_{207}	
Line 97 int	ersect	S																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}		ℓ_1							ℓ_{27}
in point	P_{18}	P_3	P_{145}	P_{204}	P_{269}	P_{335}	P_{394}	P_{462}	P_{523}	$P_3 \mid I$	$P_3 \mid P_3$	$_{94}\mid P_{5}$	$P_{23} \mid P_{23}$	$204 \mid P$	$P_{269} \mid P_{1}$	$P_{462} \mid P$	$P_{335} \mid P$	145
Line 98 int	ersect	S																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{16}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	l
in point	P_{18}	P_{75}	P_{144}	P_{203}	P_{270}	P_{336}	P_{393}	P_{461}	P_{524}	P_{393}	P_{393}	P_{75}	P_{203}	P_{524}	P_{461}	P_{270}	P_{144}	P
Line 99 int	ersect	S																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{18}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	1
in point	P_{18}	P_{76}	P_{143}	P_{202}	P_{271}	P_{333}	P_{396}	P_{464}	P_{521}	P_{521}	P_{521}	P_{202}	P_{76}	P_{396}	P_{333}	P_{143}	P_{271}	F
Line 100 in	nterse	ets																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{13}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	l
in point	P_{18}	P_{77}	P_{142}	P_{201}	P_{272}	P_{334}	P_{395}	P_{463}	P_{522}	P_{201}	P_{201}	P_{522}	P_{395}	P_{77}	P_{142}	P_{334}	P_{463}	P
Line 101 in	nterse	cts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{14}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	_ (
in point	P_{18}	P_{78}	P_{141}	P_{208}	P_{265}	P_{331}	P_{398}	P_{458}	P_{527}	P_{265}	P_{265}	P_{458}	P_{331}	P_{141}	P_{78}	P_{398}	P_{527}	P
Line 102 in	nterse	cts																
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{17}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	
in point	P_{18}	P_{79}	P_{140}	P_{207}	P_{266}	P_{332}	P_{397}	P_{457}	P_{528}	P_{457}	P_{457}	P_{266}	P_{140}	P_{332}	P_{397}	P_{79}	P_{207}	F

																		,
Line 103 int	tersec	cts																İ
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{15}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	\top
	P_{18}	P_{80}	P_{139}	P_{206}	P_{267}	P_{329}	P_{400}	P_{460}	P_{525}	P_{329}	P_{329}	P_{139}	P_{267}	P_{460}	P_{525}			$\frac{1}{P}$
Line 104 int										·	•							
Line	ℓ_0	ℓ_3	ℓ_4	ℓ_5	ℓ_6	ℓ_7	ℓ_8	ℓ_9	ℓ_{10}	ℓ_{12}	ℓ_{19}	ℓ_{21}	ℓ_{22}	ℓ_{23}	ℓ_{24}	ℓ_{25}	ℓ_{26}	\Box
in point	P_{18}	P_{81}	P_{138}	P_{205}		P_{330}	P_{399}	P_{459}	P_{526}	P_{138}	P_{138}	P_{330}	P_{459}		P_{205}			
Line 105 int	terse	cts															<u> </u>	_
Line	ℓ_2	ℓ_3 ℓ			ℓ_{13} ℓ		ℓ_{15} ℓ		ℓ_{17} ℓ	ℓ_{18} ℓ_1	$\ell_{19} = \ell_{28}$	ℓ_8 ℓ_2						ℓ_{39}
in point	P_{19}	P_3		$P_{146} P_{2}$	$P_{217} P_{2}$	$P_{289} \mid P_{3}$	P_{361} P	P_{433} P	P_{505} P_{505}	$P_{577} \mid P$	$P_{3} P_{14}$	P_2	$17 P_2$	$P_{289} P_3$	R_{361} P_{4}	$P_{433} P_{5}$	P_{505} P	P_{577}
Line 106 int	tersec	cts																_
Line	ℓ_2	ℓ_4	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	$ \boxed{\ell} $
in point	P_{19}	P_{138}	P_{82}	P_{138}	P_{225}	P_{281}	P_{369}	P_{425}	P_{513}	P_{569}	P_{138}	P_{82}	P_{281}	P_{225}	P_{425}	P_{369}	P_{569}	P
Line 107 int	tersec	cts 																_
Line	ℓ_2	ℓ_5	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ
in point	P_{19}	P_{201}	P_{90}	P_{161}	P_{201}	P_{273}	P_{377}	P_{449}	P_{489}	P_{561}	P_{201}	P_{273}	P_{90}	P_{161}	P_{489}	P_{561}	P_{377}	P
Line 108 int																		
Line	ℓ_2	ℓ_6	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	$\prod_{\ell} \ell$
in point	P_{19}	P_{265}	P_{98}	P_{153}	P_{209}	P_{265}	P_{385}	P_{441}	P_{497}	P_{553}	P_{265}	P_{209}	P_{153}	P_{98}	P_{553}	P_{497}	P_{441}	$\mid P$
Line 109 int					 													
Line	ℓ_2	ℓ_7	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}			ℓ_{33}			
in point	P_{19}	P_{329}	P_{106}	P_{177}	P_{249}	P_{321}	P_{329}	P_{401}	P_{473}	P_{545}	P_{329}	P_{401}	P_{473}	P_{545}	P_{106}	$_{6} \mid P_{177}$	$_{7} \mid P_{24}$	<u>1</u> 9
Line 110 int					1 0	1 0												
Line	ℓ_2	ℓ_8	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}		ℓ_{33}			
in point	P_{19}	P_{393}	P_{114}	P_{169}	P_{257}	P_{313}	P_{337}	P_{393}	P_{481}	P_{537}	P_{393}	P_{337}	P_{537}	7 P_{481}	P_{169}	$_{9} \mid P_{114}$	$_4 \mid P_{31}$.3
Line 111 int					1 4	1 0												
Line	ℓ_2	ℓ_9	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}		ℓ_{33}			
in point	P_{19}	P_{457}	P_{122}	P_{193}	P_{233}	P_{305}	P_{345}	P_{417}	P_{457}	P_{529}	P_{457}	P_{529}	P_{345}	P_{417}	P_{233}	$_{3} \mid P_{305}$	P_{12}	22
Line 112 int																		
Line	ℓ_2	ℓ_{10}	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}		ℓ_{33}		_	
in point	P_{19}	P_{521}	P_{130}	P_{185}	P_{241}	P_{297}	P_{353}	P_{409}	P_{465}	P_{521}	P_{521}	P_{465}	P_{409}	$_{9} \mid P_{353}$	P_{297}	$_{7} \mid P_{241}$	$_{1} \mid P_{18}$	35
Line 113 int												·				· · ·		
Line	ℓ_1			$\frac{19}{19} \ell_{20}$		ℓ_{32}	ℓ_{34}			ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	l l
in point	P_{20}	P_3	$P_3 \mid P$	$P_3 \mid P_4$	P_{219}	P_{292}	P_{365}	P_{438}	P_{511}	P_{584}	$P_3 \mid P_3 \mid$	P_4	P_{219}	P_{292}	P_{365}	P_{438}	P_{511}	P_{ξ}
Line 114 int					• •							• • •		• • • • • • • • • • • • • • • • • • • •				
Line	ℓ_1	ℓ_4	ℓ_{12}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	1
in point	P_{20}	P_{138}	P_{138}	P_{138}	P_{83}	P_{283}	P_{228}	P_{429}	P_{374}	P_{575}	P_{520}	P_{83}	P_{138}	P_{228}	P_{283}	P_{374}	P_{429}	$\mid P \mid$

 ℓ_{32}

 P_{164}

 ℓ_{34}

 P_{493}

 ℓ_{36}

 P_{566}

 ℓ_{38}

 P_{383}

 ℓ_{40}

 P_{456} P_{92}

 ℓ_{41}

 ℓ_{42}

 P_{164}

 ℓ_{43}

 P_{201}

 ℓ_{44}

 P_{274}

 ℓ_{45}

 P_{383}

 ℓ_{46}

 P_{456}

 $\begin{array}{c|c} \ell_{20} & \ell_{30} \\ P_{274} & P_{92} \end{array}$

 ℓ_{13}

 P_{201}

 ℓ_{19}

 P_{201}

 ${\rm Line}~115~{\rm intersects}$

 $P_{20} \mid P_{201}$

Line

in point

Line	116	iı	nterse	ects
	Line		0.	Т

Line 116 i	$_{ m nterse}$	cts																
Line	ℓ_1	ℓ_6	ℓ_{14}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	П
in point	P_{20}	P_{265}	P_{265}	P_{265}	P_{210}	P_{155}	P_{101}	P_{557}	P_{502}	P_{447}	P_{392}	P_{101}	P_{155}	P_{210}	P_{265}	P_{392}	P_{447}	,
Line 117 i	$_{ m nterse}$	cts																
Line	ℓ_1	ℓ_7	ℓ_{15}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	П
in point	P_{20}	P_{329}	P_{329}	P_{329}	P_{402}	P_{475}	P_{548}	P_{110}	P_{182}	P_{255}	P_{328}	P_{110}	P_{182}	P_{255}	P_{328}	P_{329}	P_{402}	į
Line 118 i	$_{ m nterse}$	cts																
Line	ℓ_1	ℓ_8	ℓ_{16}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}		
in point	P_{20}	P_{393}	P_{393}	P_{393}	P_{338}	P_{539}	P_{484}	P_{173}	P_{119}	P_{319}	P_{264}	P_{119}	P_{173}	P_{264}	P_{319}	P_{338}	P_{393}	;
Line 119 i	${ m nterse}$	cts																
Line	ℓ_1	ℓ_9	ℓ_{17}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}		
in point	P_{20}	P_{457}	P_{457}	P_{457}	P_{530}	P_{347}	P_{420}	P_{237}	P_{310}	P_{128}	P_{200}	P_{128}	P_{200}	P_{237}	P_{310}	P_{347}	P_{420})
Line 120 i	${ m nterse}$	cts																
Line	ℓ_1	ℓ_{10}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}		
in point	P_{20}	P_{521}	P_{521}	P_{521}	P_{466}	P_{411}	P_{356}	P_{301}	P_{246}	P_{191}	P_{137}	P_{137}	P_{191}	P_{246}	P_{301}	P_{356}	P_{411}	
Line 121 i	$_{ m nterse}$	cts																
																	$\overline{}$	_
Line	ℓ_2			ℓ_{12} ℓ	ℓ		ℓ_{15} ℓ	16 l	ℓ_{17} ℓ	$_{18}$ ℓ_1	ℓ_{28}			ℓ :	ℓ_3	ℓ_{55}	ℓ_3	39
in point	P_{27}	P_3		P_{153} P_{153}	P_{233} P_{233}	14 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	P_{369} P_{369}	16 \ \ell_{449} \ \ P	$P_{465} = P_{465}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			$egin{array}{c c} & \ell_3 \ \hline & \ell_{53} & P_{54} \ \hline \end{array}$	$\begin{array}{c cc} 1 & \ell_3 \\ 15 & P_2 \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c} 65 & \ell_{5} \\ \hline 69 & P_{5} \end{array}$	$\frac{\ell_3}{313}$ $\frac{\ell_4}{P_4}$	39 149
in point Line 122 i	P_{27} nterse	P_3	$P_3 \mid P$	$P_{153} P_{153}$	$P_{233} \mid P_{3}$	$_{313} \mid P$	$P_{369} \mid P_{369}$	449 F	P ₄₆₅ P	545 P	$P_{3} P_{46}$	₅₅ P ₁₅	53 P ₅₄	15 P2	$_{233} \mid P_{3}$	69 P3	P_4	39 149
in point Line 122 i Line	P_{27} nterse ℓ_2	P_3 ects ℓ_9	$P_3 \mid P$	$\frac{P_{153} \mid P_{153} \mid}{\ell_{12}}$	$\frac{P_{233} \mid P_{3}}{\ell_{13}}$	ℓ_{14}	$\frac{P_{369} \mid P_{15}}{\ell_{15}}$	ℓ_{16}	$\frac{P_{465} \mid P}{\ell_{17}}$	ℓ_{18} ℓ_{18}	$P_{3} \mid P_{46}$	ℓ_{28}	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	ℓ_{31} P_2	$\begin{array}{c c} P_{33} & P_{3} \\ \hline & \ell_{33} & \end{array}$	ℓ_{35} P_{3}	${\ell_{37}}$	149
in point Line 122 i Line in point	P_{27} nterse ℓ_2 P_{27}	P_3 ects ℓ_9 P_{457}	$P_3 \mid P$	$P_{153} P_{153}$	$P_{233} \mid P_{3}$	$_{313} \mid P$	$P_{369} \mid P_{369}$	449 F	P ₄₆₅ P	545 P	$P_{3} P_{46}$	ℓ_{28}	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	15 P2	$_{233} \mid P_{3}$	69 P3	P_4	149
in point Line 122 i Line	P_{27} nterse ℓ_2 P_{27}	P_3 ects ℓ_9 P_{457} ects	$P_3 \mid P$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c }\hline \ell_{16} & \hline P_{441} & \hline \end{array}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	ℓ_{28}	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	39 449 1
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in point Line 122 i Line in point Line 123 i	P_{27} nterse ℓ_2 P_{27} nterse	P_3 ects ℓ_9 P_{457} ects	$P_3 \mid P$ $ \mid \ell_{11} \mid P_{82} \mid $	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c }\hline \ell_{16} & \hline P_{441} & \hline \end{array}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	149
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Line 127 in	nterse	cts															
Line	ℓ_2	ℓ_6	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}
in point	P_{27}	P_{265}	P_{122}	P_{160}	P_{217}	P_{265}	P_{252}	P_{401}	P_{513}	P_{561}	P_{265}	P_{401}	P_{217}	P_{252}	P_{160}	P_{561}	P_{122}

${\rm Line}\ 128\ {\rm intersects}$

Line	ℓ_2	ℓ_8	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}
in point	P_{27}	P_{393}	P_{130}	P_{177}	P_{225}	P_{273}	P_{345}	P_{393}	P_{505}	P_{553}	P_{393}	P_{273}	P_{345}	P_{225}	P_{553}	P_{177}	P_{505}

Τ	ine	129	intersects

	nterse																		
Line	ℓ_1		ℓ_{11}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_3								_				47
in point	P_{29}	P_3	P_3	P_3	P_{466}	P_{15}	P_{55}	P_{23}	$P_{37} \mid P_{37}$	$P_4 \mid P_3$	$_{19} \mid P_4$	P_{5}	P_{15}	P_{23}	P_3	$_{19} \mid P_3$	$_{74} \mid P_4$	156 F	466
Line 130 ii	nterse	cts																	
Line	ℓ_1	ℓ_{10}	ℓ_1		ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	l
in point	P_{29}	P_{521}	P_{52}	21	P_{521}	P_4	P_{475}	P_{101}	P_{429}	P_{310}	P_{383}	P_{264}	P_{101}	P_4	P_{264}	P_{310}	P_{383}	P_{429}	F
Line 131 ii	nterse	cts																	
Line	ℓ_1	ℓ_9	ℓ_1	7	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	
in point	P_{29}	P_{457}	P_{45}	57	P_{457}	P_{83}	P_{539}	P_{164}	P_{365}	P_{246}	P_{447}	P_{328}	P_{83}	P_{164}	P_{246}	P_{328}	P_{365}	P_{44}	7 -
Line 132 iı	nterse	cts																	
Line	ℓ_1	ℓ_4	ℓ_1	2	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	
in point	P_{29}	P_{138}	P_{13}	38 -	P_{138}	P_{530}	P_{92}	P_{484}	P_{301}	P_{438}	P_{255}	P_{392}	P_{92}	P_{138}	P_{255}	P_{301}	P_{392}	P_{43}	8 -
Line 133 ii	nterse	cts																	
Line	ℓ_1	ℓ_5	ℓ_1	3	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_4	₅ ℓ	46
in point	P_{29}	P_{201}	P_{20}		P_{201}	P_{338}	P_{283}	P_{420}	P_{110}	P_{502}	P_{191}	P_{584}	P_{110}				P_3		420
Line 134 iı	nterse	cts																	
Line	ℓ_1	ℓ_7	ℓ_1	5	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_4	₅ ℓ	46
in point	P_{29}	P_{329}	P_{32}		P_{329}	P_{210}	P_{411}	P_{292}	P_{493}	P_{119}	P_{575}		P_{119}						411
Line 135 ii	nterse	$_{ m cts}$										·	·	·				·	
Line	ℓ_1	ℓ_6	ℓ_1	4	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_4	5 l	46
in point	P_{29}	P_{265}	P_{26}	65 -		P_{402}	P_{219}	P_{356}	P_{173}	P_{566}	P_{128}		P_{128}		P_{21}				402
Line 136 ii	nterse	cts																	
Line	ℓ_1	ℓ_8	ℓ_1	6	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	₃ ℓ ₄₄	ℓ_4	₅ ℓ	46
in point	P_{29}	P_{393}	P_{39}		P_{393}	P_{274}	P_{347}	P_{228}	P_{557}	P_{182}	P_{511}	P_{137}							393
Line 137 iı		at a																	
Line 10. n	nterse	CUS																	
Line			ℓ_{11}	ℓ_{12}	ℓ_1	3 \ell	214 1	$\ell_{15} \mid \ell$	216 \ \ell \ell \ell	217	$\ell_{18} \mid \ell$	19 6	28 6	29 l:	31	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{30}
	$\frac{\ell_2}{P_{35}}$		ℓ_{11} P_3	$\ell_{12} = P_{16}$								$P_{19} \mid \ell_2$ $P_{3} \mid P_{3}$						ℓ_{37}	ℓ_{39} P_{51}
Line in point	ℓ_2 P_{35}	$\begin{array}{ c c c }\hline \ell_3 & \\\hline P_3 & \\\hline \end{array}$																	
Line in point	ℓ_2 P_{35}	$\begin{array}{ c c c }\hline \ell_3 & \\\hline P_3 & \\\hline \end{array}$		P_{161}	P_{24}		$P_{305} \mid P$				P ₅₅₃ I								P_{51}
Line in point Line 138 in	$rac{\ell_2}{P_{35}}$	$\begin{array}{ c c c }\hline \ell_3 & \\\hline P_3 & \\\hline \end{array}$	P_3 ℓ_{11}	P ₁₆ :	P_{24}	49 P		$P_{337} \mid P$	P ₄₀₉ P	P ₅₁₃ F		P_3 P_3	$_{37} \mid P_4$	09 P ₁	61 F	P ₅₅₃ I	305	P ₂₄₉	P_{51}
Line in point Line 138 in Line in point	$egin{array}{c} \ell_2 \\ P_{35} \\ \text{enterse} \\ \ell_2 \\ P_{35} \\ \end{array}$	$egin{array}{ c c c c } \ell_3 & & \\ P_3 & & \\ \hline cts & & \\ \hline \ell_7 & & \\ \hline P_{329} & & \\ \hline \end{array}$	P_3 ℓ_{11}	P ₁₆ :	P_{24}	ℓ_{13}	$\frac{P_{305} \mid F}{\ell_{14}}$	$\begin{array}{c c} P_{337} & P \\ \hline \hline \ell_{15} & \end{array}$	$\frac{\rho_{409} \mid P_{100}}{\ell_{16} \mid}$	ℓ_{17}	ℓ_{18}	P_3 P_3	P_4	$\frac{1}{\ell_{29}} P_1$	ℓ_{31}	ℓ_{33} ℓ_{33}	ℓ_{35}	ℓ_{249}	P_{51}
Line in point Line 138 in Line in point	$egin{array}{c} \ell_2 \\ P_{35} \\ \text{enterse} \\ \ell_2 \\ P_{35} \\ \end{array}$	$egin{array}{ c c c c } \ell_3 & & \\ P_3 & & \\ \hline cts & & \\ \hline \ell_7 & & \\ \hline P_{329} & & \\ \hline \end{array}$	P_3 ℓ_{11} P_{82}	P_{163}	P_{1} P_{2}	$\begin{array}{ c c c }\hline \ell_{13} & P \\\hline \ell_{257} & \end{array}$	$egin{array}{c c} P_{305} & F \\ \hline & \ell_{14} \\ \hline & P_{297} \\ \hline \end{array}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$rac{\ell_{17}}{P_{505}}$	$egin{array}{c c} P_{553} & I \\ \hline & \ell_{18} \\ \hline & P_{561} \\ \hline \end{array}$	P_{3} P_{3	$\begin{array}{c c} 37 & P_4 \\ \hline & \ell_{28} \\ \hline & P_{82} \end{array}$	$\frac{1}{\ell_{29}} P_1$	ℓ_{31}	ℓ_{33} ℓ_{33}	ℓ_{35}	$egin{array}{c c} P_{249} & & & \\ \hline & \ell_{37} & & \\ & P_{509} & & \\ \hline \end{array}$	P ₅₁
Line in point Line 138 in Line in point Line 139 in	$egin{array}{c} \ell_2 \\ P_{35} \\ \end{array}$ at erse ℓ_2 P_{35}	$egin{array}{ c c c c } \ell_3 & & \\ \hline P_3 & & \\ \hline & \ell_7 & \\ \hline & P_{329} & \\ \hline & & \\ \hline \end{array}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	P_{163}	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ℓ_{13}	$\frac{P_{305} \mid F}{\ell_{14}}$	$\begin{array}{c c} P_{337} & P \\ \hline \hline \ell_{15} & \end{array}$	$\frac{\rho_{409} \mid P_{100}}{\ell_{16} \mid}$	ℓ_{17}	ℓ_{18}	P_3 P_3	P_4	$\begin{array}{c c c} & P_{1} \\ \hline \ell_{29} & \\ \hline P_{153} & \\ \end{array}$	$\frac{\ell_{31}}{P_{417}}$	P_{553} I ℓ_{33} P_{297}	$ ho_{305}$ $ ho_{305}$ $ ho_{305}$ $ ho_{305}$	ℓ_{249}	P ₅₁
Line in point Line 138 in Line in point Line 139 in Line in point	$egin{array}{c} \ell_2 \\ P_{35} \\ \end{array}$ intersection of ℓ_2 intersection ℓ_2 intersection ℓ_2 in ℓ_2 intersection ℓ_2 in ℓ	$egin{array}{ c c c c } \ell_3 & & \\ \hline P_3 & & \\ \hline \hline Cts & & \\ \hline \ell_7 & & \\ \hline P_{329} & & \\ \hline cts & & \\ \hline \ell_8 & & \\ \hline P_{393} & & \\ \hline \end{array}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	P_{163}	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ℓ_{13} ℓ_{13} ℓ_{13} ℓ_{13}	$\frac{\ell_{14}}{P_{297}}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$rac{\ell_{17}}{P_{505}}$	$egin{array}{c c} P_{553} & I \\ \hline \ell_{18} & \\ P_{561} \\ \hline \ell_{18} & \\ \hline \end{array}$	P_3 P_3 P_3 P_{329} P_{329}	$\begin{array}{ c c c }\hline & P_4\\\hline & \ell_{28}\\\hline & P_{82}\\\hline & \ell_{28}\\\hline \end{array}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\frac{\ell_{31}}{P_{417}}$	$\begin{array}{ c c c }\hline P_{553} & I \\\hline & \ell_{33} \\\hline & P_{297} \\\hline & \ell_{33} \end{array}$	$\begin{array}{ c c c c }\hline P_{305} & I & & \\ & \ell_{35} & & \\ & P_{561} & & \\ & & \ell_{35} & & \\ & & & \end{array}$	$egin{array}{c c} P_{249} & & & \\ \hline & \ell_{37} & P_{500} & & \\ \hline & \ell_{37} & & & \\ \hline & & \ell_{37} & & \\ \hline \end{array}$	P ₅₁
Line in point Line 138 in Line in point Line 139 in Line	$egin{array}{c} \ell_2 \\ P_{35} \\ \end{array}$ intersection of ℓ_2 intersection ℓ_2 intersection ℓ_2 in ℓ_2 intersection ℓ_2 in ℓ	$egin{array}{ c c c c } \ell_3 & & \\ \hline P_3 & & \\ \hline \hline Cts & & \\ \hline \ell_7 & & \\ \hline P_{329} & & \\ \hline cts & & \\ \hline \ell_8 & & \\ \hline P_{393} & & \\ \hline \end{array}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	P_{16} $\frac{1}{F}$ $\frac{\ell}{F}$ $\frac{1}{F}$	$egin{array}{ c c c c c } P_{24} & P_$	ℓ_{13} ℓ_{13} ℓ_{13} ℓ_{13}	$\frac{\ell_{14}}{P_{297}}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$rac{\ell_{17}}{P_{505}}$	$egin{array}{c c} P_{553} & I \\ \hline \ell_{18} & \\ P_{561} \\ \hline \ell_{18} & \\ \hline \end{array}$	P_3 P_3 P_3 P_{329} P_{329}	$\begin{array}{ c c c }\hline & P_4\\\hline & \ell_{28}\\\hline & P_{82}\\\hline & \ell_{28}\\\hline \end{array}$	$egin{array}{ c c c c c c c c c c c c c c c c c c c$	$\frac{\ell_{31}}{P_{417}}$	$\begin{array}{ c c c }\hline P_{553} & I \\\hline & \ell_{33} \\\hline & P_{297} \\\hline & \ell_{33} \end{array}$	$\begin{array}{ c c c c }\hline P_{305} & I & & \\ & \ell_{35} & & \\ & P_{561} & & \\ & & \ell_{35} & & \\ & & & \end{array}$	$egin{array}{c c} P_{249} & & & \\ \hline & \ell_{37} & P_{500} & & \\ \hline & \ell_{37} & & & \\ \hline & & \ell_{37} & & \\ \hline \end{array}$	P ₅₁

•		4 4 4	
П	ine	141	intersects

Line	ℓ_2	ℓ_{10}	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}
in point	P_{35}	P_{521}	P_{106}	P_{193}	P_{217}	P_{273}	P_{369}	P_{441}	P_{481}	P_{521}	P_{521}	P_{273}	P_{217}	P_{481}	P_{106}	P_{369}	P_{441}

Line 142 in	$_{ m terse}$	${ m cts}$																
Line	ℓ_2	ℓ_6	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	T
in point	P_{35}	P_{265}	P_{114}	P_{185}	P_{225}	P_{265}	P_{361}	P_{449}	P_{473}	P_{529}	P_{265}	P_{529}	P_{473}	P_{225}	P_{361}	P_{114}	P_{185}	1
Line 143 in	nterse	${ m cts}$																
Line	ℓ_2	ℓ_5	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	I
in point	P_{35}	P_{201}	P_{122}	P_{177}	P_{201}	P_{289}	P_{385}	P_{425}	P_{465}	P_{537}	P_{201}	P_{465}	P_{537}	P_{289}	P_{425}	P_{177}	P_{122}	
Line 144 in	nterse	cts																
Line	ℓ_2	ℓ_9	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	I
in point	P_{35}	P_{457}	P_{130}	P_{169}	P_{209}	P_{281}	P_{377}	P_{433}	P_{457}	P_{545}	P_{457}	P_{209}	P_{281}	P_{545}	P_{169}	P_{433}	P_{377}	
Line 145 in	nterse	cts																
Line	ℓ_1		ℓ_{11} ℓ_{1}				ℓ_{34}					ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}	
in point	P_{38}	P_3	$P_3 \mid P_3$	P_{33}	$_{8} \mid P_{41}$	P_{16}	P_{54}	P_{31}	P_{25}	$_5$ P_{52}	P_3	P_{164}	P_{255}	P_{310}	P_{338}	P_{411}	P_{520}	_
Line 146 in	$_{ m terse}$	cts																
Line	ℓ_1	ℓ_8	ℓ_{16}	ℓ_{19}								ℓ_{41} ℓ_4						
in point	P_{38}	P_{393}	P_{393}	P_{393}	P_4	P_{92}	$P_{356} \mid I$	$P_{237} \mid I$	$P_{502} \mid I$	$P_{575} \mid I$	$P_{328} \mid I$	$P_{92} \mid P_{2}$	P_{23}	$_7 \mid P_{32}$	$_{8}$ P_{35}	P_{39}	P_{50})2
Line 147 in	$_{ m terse}$	cts																
Line	ℓ_1	ℓ_7	ℓ_{15}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}					ℓ_{45}	ℓ_{46}	ł
in point	P_{38}	P_{329}	P_{329}	P_{329}	P_{83}	P_{155}	P_{420}	P_{301}	P_{566}	P_{511}	P_{264}	P_{83}	P_{155}	$P_{264} \mid 1$	P_{301}	P_{329}	P_{420}	F
Line 148 in	$_{ m terse}$	cts																
Line	ℓ_1	ℓ_4	ℓ_{12}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ļ
in point	P_{38}	P_{138}	P_{138}	P_{138}	P_{402}	P_{347}	P_{101}	P_{493}	P_{246}	P_{319}	P_{584}	P_{101}	P_{138}	P_{246}	P_{319}	P_{347}	P_{402}	1
Line 149 i	$_{ m terse}$	cts																
Line	ℓ_1	ℓ_{10}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	I
in point	P_{38}	P_{521}	P_{521}	P_{521}	P_{274}	P_{219}	P_{484}	P_{110}	P_{374}	P_{447}	P_{200}	P_{110}	P_{200}	P_{219}	P_{274}	P_{374}	P_{447}	1
Line 150 in	$_{ m terse}$	cts																
Line	ℓ_1	ℓ_6	ℓ_{14}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	I
in point	P_{38}	P_{265}	P_{265}	P_{265}	P_{530}	P_{475}	P_{228}	P_{365}	P_{119}	P_{191}	P_{456}	P_{119}	P_{191}	P_{228}	P_{265}	P_{365}	P_{456}	1
Line 151 is	$_{ m terse}$	${ m cts}$																
Line	ℓ_1	ℓ_5	ℓ_{13}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	1
in point	P_{38}	P_{201}	P_{201}	P_{201}	P_{466}	P_{539}	P_{292}	P_{429}	P_{182}	P_{128}	P_{392}	P_{128}	P_{182}	P_{201}	P_{292}	P_{392}	P_{429}	1
Line 152 in	$_{ m terse}$	cts																
Line	ℓ_1	ℓ_9	ℓ_{17}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	I
in point	P_{38}	P_{457}	P_{457}	P_{457}	P_{210}	P_{283}	P_{548}	P_{173}	P_{438}	P_{383}	P_{137}	P_{137}	P_{173}	P_{210}	P_{283}	P_{383}	P_{438}	1
Line 153 in	$_{ m terse}$	cts																

Line	ℓ_2	ℓ_3	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ_{39}
in point	P_{43}	P_3	P_3	P_{169}	P_{241}	P_{273}	P_{385}	P_{417}	P_{473}	P_{569}	P_3	P_{273}	P_{473}	P_{417}	P_{169}	P_{241}	P_{569}	P_{385}

Line 154 intersects

Line	ℓ_2	ℓ_6	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ
in point	P_{43}	P_{265}	P_{82}	P_{177}	P_{233}	P_{265}	P_{377}	P_{409}	P_{481}	P_{577}	P_{265}	P_{82}	P_{409}	P_{481}	P_{233}	P_{177}	P_{377}	P

Lino	-1	55	intersects

$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 155 is	$_{ m nterse}$	${ m cts}$																
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Line	ℓ_2	ℓ_9			ℓ_{13}	ℓ_{14}		ℓ_{16}	ℓ_{17}	ℓ_{18}			ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	$\lceil \ell \rceil$
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	in point	P_{43}	P_{457}	P_{90}	P_{185}	P_{257}	P_{289}	P_{369}	P_{401}	P_{457}	P_{553}	P_{457}	P_{401}	P_{90}	P_{289}	P_{553}	P_{369}	P_{185}	P
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 156 i	${ m nterse}$	${ m cts}$																
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line	ℓ_2	ℓ_8	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}		ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	ℓ
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{43}	P_{393}		P_{193}	P_{249}	P_{281}	P_{361}	P_{393}	P_{465}	P_{561}	P_{393}	P_{465}	P_{281}	P_{98}	P_{361}	P_{561}	P_{249}	P
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 157 i	${ m nterse}$	${ m cts}$																
	Line			ℓ_{11}							ℓ_{18}					ℓ_{33}	ℓ_{35}	ℓ_{37}	7
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{43}	P_{138}	P_{106}	P_{138}	P_{209}	P_{305}	P_{353}	P_{449}	P_{505}	P_{537}	P_{138}	P_{209}	P_{537}	P_{353}	P_{106}	P_{305}	P_{50})5
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 158 i	$_{ m nterse}$	cts																
	Line	_													_	ℓ_{33}	ℓ_{35}		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{43}	P_{201}	P_{114}	P_{146}	P_{201}	P_{297}	P_{345}	P_{441}	P_{513}	P_{545}	P_{201}	P_{146}	P_{345}	P_{545}	P_{297}	P_{114}	P_{44}	1
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 159 i	nterse	cts																
	Line	ℓ_2	ℓ_{10}	ℓ_{11}		ℓ_{13}	ℓ_{14}				ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	7
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{43}	P_{521}	P_{122}	P_{153}	P_{225}	P_{321}	P_{337}	P_{433}	P_{489}	P_{521}	P_{521}	P_{337}	P_{153}	P_{225}	P_{489}	P_{433}	P_{12}	2
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 160 i	$_{ m nterse}$	cts																
	Line																		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{43}	P_{329}	P_{130}	P_{161}	P_{217}	P_{313}	P_{329}	P_{425}	P_{497}	P_{529}	P_{329}	P_{529}	P_{217}	P_{161}	P_{425}	P_{497}	P_{31}	.3
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 161 i	nterse	cts																
	Line					ℓ_3												ℓ_4	7
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{47}	P_3	$P_3 \mid P$	$P_3 \mid P_{27}$	$P_4 \mid P_4$	$_{75} \mid P_{42}$	P_1	$_{73} \mid P_{24}$	P_{5}	$_{75} \mid P_{39}$	P_3	P_{173}	P_{240}	$_{6} \mid P_{27}$	$_{4} \mid P_{39}$	$_2 \mid P_{42}$	$_0 \mid P_4$	75
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 162 is	${ m nterse}$	cts																
										ℓ_{36}									
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{47}	P_{201}	P_{201}	P_{201}	P_4	P_{347}	P_{548}	P_{301}	P_{119}	P_{447}	P_{520}	P_{119}	P_4	P_{201} .	P_{301}	P_{347}	P_{447}	P_5
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 163 is	${ m nterse}$	cts																
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$																			ℓ
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{47}	P_{265}	P_{265}	P_{265}	P_{83}	P_{411}	P_{484}	P_{237}	P_{182}	P_{383}	P_{584}	P_{83}	P_{182}	P_{237}	P_{265}	P_{383}	P_{411}	$\mid P$
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 164 is	${ m nterse}$	cts																
Line 165 intersects Line ℓ_1 ℓ_8 ℓ_{16} ℓ_{19} ℓ_{20} ℓ_{30} ℓ_{32} ℓ_{34} ℓ_{36} ℓ_{38} ℓ_{40} ℓ_{41} ℓ_{42} ℓ_{43} ℓ_{44} ℓ_{45} ℓ_{46} in point P_{47} P_{393} P_{393} P_{393} P_{393} P_{466} P_{283} P_{101} P_{365} P_{566} P_{255} P_{200} P_{101} P_{200} P_{255} P_{283} P_{365} P_{393} Line 166 intersects Line ℓ_1 ℓ_4 ℓ_{12} ℓ_{19} ℓ_{20} ℓ_{30} ℓ_{32} ℓ_{34} ℓ_{36} ℓ_{38} ℓ_{40} ℓ_{41} ℓ_{42} ℓ_{43} ℓ_{44} ℓ_{45} ℓ_{46} in point P_{47} P_{138} P_{138} P_{138} P_{138} P_{210} P_{539} P_{356} P_{110} P_{310} P_{511} P_{456} P_{110} P_{138} P_{210} P_{356} P_{456} Line 167 intersects																		ℓ_{46}	ℓ
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{47}	P_{457}	P_{457}	P_{457}	P_{402}	P_{92}	P_{292}	P_{557}	P_{374}	P_{191}	P_{264}	P_{92}	P_{191}	P_{264}	P_{292}	P_{374}	P_{402}	$\mid P$
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 165 is	${ m nterse}$	cts																
Line 166 intersects Line ℓ_1 ℓ_4 ℓ_{12} ℓ_{19} ℓ_{20} ℓ_{30} ℓ_{32} ℓ_{34} ℓ_{36} ℓ_{38} ℓ_{40} ℓ_{41} ℓ_{42} ℓ_{43} ℓ_{44} ℓ_{45} ℓ_{46} in point P_{47} P_{138} P_{138} P_{138} P_{210} P_{539} P_{356} P_{110} P_{310} P_{511} P_{456} P_{110} P_{138} P_{210} P_{310} P_{356} P_{456} Line 167 intersects Line ℓ_1 ℓ_{10} ℓ_{18} ℓ_{19} ℓ_{20} ℓ_{30} ℓ_{32} ℓ_{34} ℓ_{36} ℓ_{38} ℓ_{40} ℓ_{41} ℓ_{42} ℓ_{43} ℓ_{44} ℓ_{45} ℓ_{46}	Line							ℓ_{32}											
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{47}	P_{393}	P_{393}	P_{393}	P_{466}	P_{283}	P_{101}	P_{365}	P_{566}	P_{255}	P_{200}	P_{101}	P_{200}	P_{255}	P_{283}	P_{365}	P_{39}	3
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 166 i	${ m nterse}$	cts																
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line											ℓ_{40}		ℓ_{42}		ℓ_{44}	ℓ_{45}		3
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	in point	P_{47}	P_{138}	P_{138}	P_{138}	P_{210}	P_{539}	P_{356}	P_{110}	P_{310}	P_{511}	P_{456}	P_{110}	P_{138}	P_{210}	P_{310}	P_{356}	P_{45}	6
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line 167 i	${ m nterse}$	cts																
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Line	ℓ_1		ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}		ℓ_{40}			ℓ_{43}	ℓ_{44}	ℓ_{45}		
	in point	P_{47}	P_{521}		P_{521}	P_{338}	P_{155}	P_{228}	P_{493}	P_{438}	P_{128}		P_{128}	P_{155}	P_{228}			P_{43}	8

Line	ℓ_1	ℓ_7	ℓ_{15}				30	ℓ_{32}	ℓ_3		ℓ_{36}	ℓ_{38}		ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_4		ℓ_{44}	ℓ_{45}	ℓ_{46}	
in point	P_{47}	P_{329}	P_{32}	$_9 \mid P_3$	$_{29} \mid P_{5}$	$_{30}\mid F$	219	P_{164}	P_4	29	P_{502}	P_{31}	9 1	P_{137}	P_{137}	P_{164}	P_2	19 <i>F</i>	319	P_{329}	P_{429})
Line 169 i	$_{ m nterse}$	${ m cts}$																				
Line	ℓ_2	ℓ_3	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ		ℓ_{16}			218	ℓ_{19}	ℓ_{28}	ℓ_2	29 \ \ell_1		ℓ_{33}	ℓ_{35}	ℓ_3	7 \ \ell \	39
in point	P_{51}	P_3	P_3	P_{177}	P_{257}	P_{281}	P_{ξ}	353	P ₄₄₁	P_{2}	489 F	529	P_3	P_{529}	$_9 \mid P_2$	81 P	353 <i>I</i>	P ₄₈₉	P_{177}	P_4	41 P	25
Line 170 i	$_{ m nterse}$	cts																				
Line	ℓ_2	ℓ_{10}	ℓ_{11}	ℓ_{12}	ℓ_1 :	ℓ_1		ℓ_{15}	ℓ_{16}		ℓ_{17}	ℓ_{18}		19	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_3	3	ℓ_{35}	ℓ_{37}	
in point	P_{51}	P_{521}	P_{82}	P_{16}	P_{24}	P_2	89	P_{345}	P_{44}	9	P_{497}	P_{521}	P	521	P_{82}	P_{345}	P_{289}	P_{16}	$_{59} \mid F$	497	P_{249}	Ī
Line 171 i	$_{ m nterse}$	cts																				
Line	ℓ_2	ℓ_6	ℓ_{11}	ℓ_{12}			.4	ℓ_{15}	ℓ_{16}		ℓ_{17}	ℓ_{18}		19	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_3		ℓ_{35}	ℓ_{37}	_
in point	P_{51}	P_{265}	P_{90}	P_{19}	P_{24}	P_2	65	P_{337}	P_{42}	5	P_{505}	P_{545}	P	265	P_{337}	P_{90}	P_{545}	P_{42}	$_{25} \mid I$	241	P_{505}	_]
Line 172 i	nterse	cts																				
Line	ℓ_2	ℓ_7	ℓ_{11}	ℓ_{12}			.4	ℓ_{15}	ℓ_{16}		ℓ_{17}	ℓ_{18}	ℓ	19	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_3	3	ℓ_{35}	ℓ_{37}	_
in point	P_{51}	P_{329}	P_{98}	P_{18}	P_{23}	P_2	73	P_{329}	P_{43}	3	P_{513}	P_{537}	P	329	P_{273}	P_{537}	P_{98}	P_{23}	$_{33} \mid I$	433	P_{185}	
Line 173 i	nterse	cts																				
Line	ℓ_2	ℓ_9	ℓ_{11}				214	ℓ_{15}	ℓ_1		ℓ_{17}	ℓ_{18}		ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_3		ℓ_{33}	ℓ_{35}	ℓ_{37}	_
in point	P_{51}	P_{457}	P_{10}	$_6 \mid P_1$	P_2	$_{25}$ I	313	P_{385}	P_4	09	P_{457}	P_{56}	1 1	P_{457}	P_{146}	P_{409}		$_{25} \mid I$	106	P_{561}	P_{313}	}
Line 174 i	$_{ m nterse}$	cts																				
Line	ℓ_2	ℓ_4	ℓ_{11}	ℓ_1	2 \ \ell_2		14	ℓ_{15}	ℓ_1	6	ℓ_{17}	ℓ_{18}		ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_3		ℓ_{33}	ℓ_{35}	ℓ_{37}	
in point	P_{51}	P_{138}	P_{11}	$_4$ P_1	P_2	$_{217} \mid P$	321	P_{377}	P_4	17	P_{465}	P_{55}	3 I	P_{138}	P_{465}	P_{217}	P_{41}	17 I	553	P_{114}	P_{377}	7
Line 175 i	$_{ m nterse}$	cts																				
Line	ℓ_2	ℓ_8	ℓ_{11}	ℓ_1	2 1	13	14	ℓ_{15}	ℓ_1	6	ℓ_{17}	ℓ_{18}		ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_3	1 4	ℓ_{33}	ℓ_{35}	ℓ_{37}	
in point	P_{51}	P_{393}	P_{12}	$_2 \mid P_1$	$_{61} \mid P_{2}$		297	P_{369}	P_3	93	P_{473}	P_{57}	7 1	P_{393}	P_{209}	P_{473}	P_{16}	$_{61} \mid I$	297	P_{369}	P_{122}	2
Line 176 i	$_{ m nterse}$	cts																				
Line	ℓ_2	ℓ_5	ℓ_{11}			13	214	ℓ_{15}	ℓ_1	6	ℓ_{17}	ℓ_{18}		ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_3	1	ℓ_{33}	ℓ_{35}	ℓ_{37}	
in point	P_{51}	P_{201}	P_{13}	$_0$ P_1	$_{53} \mid P_{2}$	$_{01} \mid F$	305	P_{361}	P_4	01	P_{481}	P_{56}	9 1	P_{201}	P_{401}	P_{153}	P_{48}	₈₁ I	361	P_{305}	P_{569})
Line 177 i	$_{ m nterse}$	cts																				
Line	ℓ_1	ℓ_3	ℓ_{11}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	34	ℓ_{36}	ℓ_3	8 1	40	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{ℓ}	14	ℓ_{45}	ℓ_{46}	ℓ_{47}	,
in point	P_{56}	P_3	P_3	P_3 .	P_{530}	P_{283}	P_{35}		193	P_{18}			264	P_3	P_{182}	P_{26}			P_{356}	P_{447}	P_{49}	3
Line 178 i	$_{ m nterse}$	cts																				
Line	ℓ_1	ℓ_9	ℓ_{17}	ℓ_1	$\frac{1}{9}$ ℓ_2	ℓ_3	0	ℓ_{32}	ℓ_{34}		ℓ_{36}	ℓ_{38}	ℓ_{ℓ}	40	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{ℓ}	45	ℓ_{46}	ℓ
in point	P_{56}	P_{457}	P_{45}	$_7$ P_4	P_2	P_4	11	P_{228}	P_{110})	P_{566}	P_{319}	P_3	392	P_{110}	P_4	P_{228}	P_{319}	P_3	₃₉₂ 1	P ₄₁₁	P
Line 179 i	$_{ m nterse}$	${ m cts}$																				
Line	ℓ_1	ℓ_{10}	ℓ_{18}	ℓ_1	$\frac{1}{9}$ ℓ_2	0 \ \ell_3	80	ℓ_{32}	ℓ_{34}		ℓ_{36}	ℓ_{38}	1	40	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_4	4 4	ℓ_{45}	ℓ_{46}	_
Line																						

 ℓ_{32}

 P_{548}

 ℓ_{34}

 P_{429}

 ℓ_{36}

 P_{246}

 ℓ_{38}

 P_{511}

 ℓ_{40}

 P_{200}

 ℓ_{41}

 P_{92}

 ℓ_{42}

 P_{200}

 ℓ_{44}

 P_{265}

 ℓ_{45}

 P_{338}

 P_{429}

 ℓ_{43}

 P_{246}

 ℓ_{14}

 P_{265}

 ℓ_{19}

 P_{265}

Line

 P_{56}

 P_{265}

in point

 $\ell_{20} P_{338}$

 ℓ_{30}

 P_{92}

Line 181 in	$_{ m terse}$	${ m cts}$																
Line	ℓ_1	ℓ_7	ℓ_{15}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	Т
in point	P_{56}	P_{329}	P_{329}	P_{329}	P_{274}	P_{539}	P_{101}	P_{237}	P_{438}	P_{191}	P_{520}	P_{101}	P_{191}	P_{237}	P_{274}	P_{329}	P_{438}	1
Line 182 in	$_{ m terse}$																	
Line	ℓ_1	ℓ_4	ℓ_{12}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	T
in point	P_{56}	P_{138}	P_{138}	P_{138}	P_{466}	P_{219}	P_{420}	P_{557}	P_{119}	P_{383}	P_{328}	P_{119}	P_{138}	P_{219}	P_{328}	P_{383}	P_{420}	
Line 183 in	$_{ m terse}$	${ m cts}$																
Line	ℓ_1	ℓ_8	ℓ_{16}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	
in point	P_{56}	P_{393}	P_{393}	P_{393}	P_{210}	P_{475}	P_{164}	P_{301}	P_{374}	P_{128}	P_{584}	P_{128}	P_{164}	P_{210}	P_{301}	P_{374}	P_{393}	
Line 184 in	nterse																	
Line	ℓ_1	ℓ_5	ℓ_{13}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	
in point	P_{56}	P_{201}	P_{201}	P_{201}	P_{402}	P_{155}	P_{484}	P_{365}	P_{310}	P_{575}	P_{137}	P_{137}	P_{155}	P_{201}	P_{310}	P_{365}	P_{402}	
Line 185 in	$_{ m terse}$	cts																
Line	ℓ_2								17 \ \ell \ \ell \	$_{18}$ ℓ_1	ℓ_{28}	ℓ_{29}						39
in point	P_{59}	P_3	$P_3 \mid P$	$P_{185} \mid P$	P_{209} P	$P_{321} \mid P$	$P_{345} \mid P_{345}$	$P_{425} \mid P$	2 ₄₈₁ P	$_{561} \mid P$	P_3 P_{20}	P_{34}	P_{48}	P_4	$_{25} \mid P_{56}$	P_{18}	$_{85} \mid P_3$	21
Line 186 in	$_{ m terse}$																	
Line	ℓ_2	ℓ_5	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	l
in point	P_{59}	P_{201}	P_{82}	P_{193}	P_{201}	P_{313}	P_{353}	P_{433}	P_{473}	P_{553}	P_{201}	P_{82}	P_{473}	P_{353}	P_{553}	P_{433}	P_{313}	P
Line 187 in																		
Line	ℓ_2	ℓ_7	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	l
in point	P_{59}	P_{329}	P_{90}	P_{169}	P_{225}	P_{305}	P_{329}	P_{441}	P_{465}	P_{577}	P_{329}	P_{465}	P_{90}	P_{225}	P_{169}	P_{305}	P_{441}	F
Line 188 in																		
Line	ℓ_2	ℓ_9	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	·
in point	P_{59}	P_{457}	P_{98}	P_{177}	P_{217}	P_{297}	P_{337}	P_{449}	P_{457}	P_{569}	P_{457}	P_{337}	P_{217}	P_{98}	P_{297}	P_{177}	P_{569}	F
Line 189 in																		
Line	ℓ_2	ℓ_8	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	4
in point	P_{59}	P_{393}	P_{106}	P_{153}	P_{241}	P_{289}	P_{377}	P_{393}	P_{513}	P_{529}	P_{393}	P_{529}	P_{153}	P_{289}	P_{106}	P_{241}	P_{377}	_
Line 190 in																		
Line	ℓ_2	ℓ_{10}	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	
in point	P_{59}	P_{521}	P_{114}	P_{161}	P_{233}	P_{281}	P_{385}	P_{401}	P_{505}	P_{521}	P_{521}	P_{401}	P_{281}	P_{161}	P_{233}	P_{114}	P_{505}	
Line 191 in	nt orso	cte																
Line 191 in																		
Line 191 in Line in point	$\frac{\ell_2}{P_{59}}$	cts ℓ_4 P_{138}	ℓ_{11} P_{122}	ℓ_{12} P_{138}	ℓ_{13} P_{257}	ℓ_{14} P_{273}	$\ell_{15} = P_{361}$	ℓ_{16} P_{409}	ℓ_{17} P_{497}	ℓ_{18} P_{545}	ℓ_{19} P_{138}	ℓ_{28} P_{273}	$\ell_{29} = P_{409}$	ℓ_{31} P_{545}	ℓ_{33} P_{361}	ℓ_{35} P_{497}	ℓ_{37} P_{122}	Ŧ

ſ	Line	ℓ_2	ℓ_6	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}
	in point	P_{59}	P_{265}	P_{130}	P_{146}	P_{249}	P_{265}	P_{369}	P_{417}	P_{489}	P_{537}	P_{265}	P_{146}	P_{537}	P_{417}	P_{489}	P_{369}	P_{249}

Line 193 intersects

Line	ℓ_1	ℓ_3	ℓ_{11}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{65}	P_3	P_3	P_3	P_{210}	P_{347}	P_{484}	P_{429}	P_{566}	P_{191}	P_{328}	P_3	P_{191}	P_{210}	P_{328}	P_{347}	P_{429}	P_{484}

- 1	ine	194	intersects

Line 194 in	nterse	cts																
Line	ℓ_1	ℓ_6	ℓ_{14}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{ℓ}
in point	P_{65}	P_{265}	P_{265}	P_{265}	P_4	P_{539}	P_{420}	P_{493}	P_{374}	P_{255}	P_{137}	P_{137}	P_4	P_{255}	P_{265}	P_{374}	P_{420}	P_4
Line 195 in	nterse	cts																
Line	ℓ_1	ℓ_5	ℓ_{13}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	1
in point	P_{65}	P_{201}	P_{201}	P_{201}	P_{83}	P_{475}	P_{356}	P_{557}	P_{438}	P_{319}	P_{200}	P_{83}	P_{200}	P_{201}	P_{319}	P_{356}	P_{438}	F
Line 196 ir	nterse	${ m cts}$																
Line	ℓ_1	ℓ_7	ℓ_{15}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	
in point	P_{65}	P_{329}	P_{329}	P_{329}	P_{466}	P_{92}	P_{228}	P_{173}	P_{310}	P_{447}	P_{584}	P_{92}	P_{173}	P_{228}	P_{310}	P_{329}	P_{447}	F
Line 197 in	nterse	cts																
Line	ℓ_1	ℓ_9	ℓ_{17}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}					
in point	P_{65}	P_{457}	P_{457}	P_{457}	P_{338}	P_{219}	P_{101}	P_{301}	P_{182}	P_{575}	P_{456}	P_{101}	P_{182}	P_{21}	$_{9} \mid P_{30}$	$P_{31} \mid P_{33}$	P_4	56
Line 198 in	iterse	cts																
Line	ℓ_1	ℓ_8	ℓ_{16}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}		ℓ_{44}			6
in point	P_{65}	P_{393}	P_{393}	P_{393}	P_{530}	P_{155}	P_{292}	P_{110}	P_{246}	P_{383}	P_{520}	P_{110}	P_{15}	P_{24}	$_{6} \mid P_{29}$	$P_{32} \mid P_{38}$	$P_{33} \mid P_{35}$	93
Line 199 ir	nterse	${ m cts}$																
Line	ℓ_1	ℓ_{10}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}			ℓ_4		
in point	P_{65}	P_{521}	P_{521}	P_{521}	P_{402}	P_{283}	P_{164}	P_{237}	P_{119}	P_{511}	P_{392}	P_{119}	P_{164}	P_{23}	$_{7} P_{28}$	P_{33}	P_4	02
Line 200 ir	nterse	cts																
Line	ℓ_1	ℓ_4	ℓ_{12}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}					
in point	P_{65}	P_{138}	P_{138}	P_{138}	P_{274}	P_{411}	P_{548}	P_{365}	P_{502}	P_{128}	P_{264}	P_{128}	P_{138}	P_{26}	$_{4} \mid P_{27}$	P_{30}	P_4	11
Line 201 in	nterse	${ m cts}$																
Line	ℓ_2										ℓ_{19} ℓ_{2}							ℓ_{39}
in point	P_{67}	$P_3 \mid I$	$P_3 \mid P$	$P_{193} \mid P_{1}$	$_{225} \mid I$	$P_{297} \mid F$	$P_{377} \mid I$	$P_{401} \mid I$	$P_{497} \mid I$	P_{537}	$P_3 \mid P_4$	$01 \mid P_{\overline{z}}$	$_{537} \mid P$	$P_{225} \mid F$	$P_{297} \mid F$	P_{497}	P_{377}	P_{193}
Line 202 in	iterse	${ m cts}$																
Line	ℓ_2	ℓ_8	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	
in point	P_{67}	P_{393}	P_{82}	P_{185}	P_{217}	P_{305}	P_{385}	P_{393}	P_{489}	P_{545}	P_{393}	P_{82}	P_{217}	P_{545}	P_{489}	P_{305}	P_{185}	I
Line 203 in	nterse	cts																
Line	ℓ_2	ℓ_{10}	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	
in point	P_{67}	P_{521}	P_{90}	P_{177}	P_{209}	P_{313}	P_{361}	P_{417}	P_{513}	P_{521}	P_{521}	P_{209}	P_{90}	P_{417}	P_{361}	P_{177}	P_{313}	F
Line 204 in	nterse	cts																
Line	ℓ_2	ℓ_5	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}	1
in point	P_{67}	P_{201}	P_{98}	P_{169}	P_{201}	P_{321}	P_{369}	P_{409}	P_{505}	P_{529}	P_{201}	P_{529}	P_{409}	P_{98}	P_{169}	P_{369}	P_{505}	I
Line 205 in	nterse	cts																
Line	ℓ_2	ℓ_6	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}			7
in point	P_{67}	P_{265}	P_{106}	P_{161}	P_{257}	P_{265}	P_{345}	P_{433}	P_{465}		P_{265}		P_{348}	P_{16}	P_{10}	P_{43}	P_{50}	69
Line 206 in	nterse	cts																
Line	ℓ_2	ℓ_9	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}					_
in point	P_{67}	P_{457}	P_{114}	P_{153}	P_{249}	P_{273}	P_{353}	P_{425}	P_{457}	P_{577}	P_{457}	P_{273}	P_{153}	P_{35}	$_{3} \mid P_{42}$	P_1	$ P_{24} $	49

Line 207 intersects

	Line	ℓ_2	ℓ_7	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}
in	point	P_{67}	P_{329}	P_{122}	P_{146}	P_{241}	P_{281}	P_{329}	P_{449}	P_{481}	P_{553}	P_{329}	P_{146}	P_{281}	P_{481}	P_{553}	P_{241}	P_{122}

Line 208 intersects

Line	ℓ_2	ℓ_4	ℓ_{11}	ℓ_{12}	ℓ_{13}	ℓ_{14}	ℓ_{15}	ℓ_{16}	ℓ_{17}	ℓ_{18}	ℓ_{19}	ℓ_{28}	ℓ_{29}	ℓ_{31}	ℓ_{33}	ℓ_{35}	ℓ_{37}
in point	P_{67}	P_{138}	P_{130}	P_{138}	P_{233}	P_{289}	P_{337}	P_{441}	P_{473}	P_{561}	P_{138}	P_{337}	P_{473}	P_{289}	P_{233}	P_{561}	P_{441}

Line 209 intersects

Line	ℓ_1	ℓ_3	ℓ_{11}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_{47}
in point	P_{74}	P_3	P_3	P_3	P_{402}	P_{539}	P_{228}	P_{301}	P_{502}	P_{383}	P_{200}	P_3	P_{200}	P_{228}	P_{301}	P_{383}	P_{402}	P_{502}

Line 210 intersects

Line	ℓ_1	ℓ_7	ℓ_{15}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ_4
in point	P_{74}	P_{329}	P_{329}	P_{329}	P_4	P_{283}	P_{484}	P_{557}	P_{246}	P_{128}	P_{456}	P_{128}	P_4	P_{246}	P_{283}	P_{329}	P_{456}	P_4

${\bf Line~211~intersects}$

Line	ℓ_1	ℓ_8	ℓ_{16}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ
in point	P_{74}	P_{393}	P_{393}	P_{393}	P_{83}	P_{219}	P_{548}	P_{493}	P_{310}	P_{191}	P_{392}	P_{83}	P_{191}	P_{219}	P_{310}	P_{392}	P_{393}	P

Line 212 intersects

Line	ℓ_1	ℓ_{10}	ℓ_{18}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}	ℓ
in point	P_{74}	P_{521}	P_{521}	P_{521}	P_{210}	P_{92}	P_{420}	P_{365}	P_{182}	P_{319}	P_{520}	P_{92}	P_{182}	P_{210}	P_{319}	P_{365}	P_{420}	P

Line 213 intersects

Line	ℓ_1	ℓ_5	ℓ_{13}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}
in point	P_{74}	P_{201}	P_{201}	P_{201}	P_{530}	P_{411}	P_{101}	P_{173}	P_{374}	P_{511}	P_{328}	P_{101}	P_{173}	P_{201}	P_{328}	P_{374}	P_{411}

Line 214 intersects

Line	ℓ_1	ℓ_6	ℓ_{14}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}
in point	P_{74}	P_{265}	P_{265}	P_{265}	P_{466}	P_{347}	P_{164}	P_{110}	P_{438}	P_{575}	P_{264}	P_{110}	P_{164}	P_{264}	P_{265}	P_{347}	P_{438}

Line 215 intersects

Line	ℓ_1	ℓ_9	ℓ_{17}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}
in point	P_{74}	P_{457}	P_{457}	P_{457}	P_{274}	P_{155}	P_{356}	P_{429}	P_{119}	P_{255}	P_{584}	P_{119}	P_{155}	P_{255}	P_{274}	P_{356}	P_{429}

Line 216 intersects

Line	ℓ_1	ℓ_4	ℓ_{12}	ℓ_{19}	ℓ_{20}	ℓ_{30}	ℓ_{32}	ℓ_{34}	ℓ_{36}	ℓ_{38}	ℓ_{40}	ℓ_{41}	ℓ_{42}	ℓ_{43}	ℓ_{44}	ℓ_{45}	ℓ_{46}
in point	P_{74}	P_{138}	P_{138}	P_{138}	P_{338}	P_{475}	P_{292}	P_{237}	P_{566}	P_{447}	P_{137}	P_{137}	P_{138}	P_{237}	P_{292}	P_{338}	P_{447}

The surface has 201 points:

The points on the surface are:

$0: P_0 = (1, 0, 0, 0)$	$5: P_5 = (1, 1, 0, 0)$	$10: P_{16} = (5,0,1,0)$
$1: P_1 = (0, 1, 0, 0)$	$6: P_{12} = (1, 0, 1, 0)$	11: $P_{17} = (6,0,1,0)$
$2: P_2 = (0, 0, 1, 0)$	$7: P_{13} = (2,0,1,0)$	$12: P_{18} = (7,0,1,0)$
$3: P_3 = (0,0,0,1)$	$8: P_{14} = (3,0,1,0)$	13: $P_{19} = (0, 1, 1, 0)$
$4: P_4 = (1, 1, 1, 1)$	$9: P_{15} = (4,0,1,0)$	$14: P_{20} = (1, 1, 1, 0)$

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15: P_{27} = (0, 2, 1, 0)
                                            69: P_{201} = (0, 0, 2, 1)
                                                                                        123: P_{345} = (0, 2, 4, 1)
16: P_{29} = (2, 2, 1, 0)
                                            70: P_{202} = (1, 0, 2, 1)
                                                                                        124: P_{347} = (2, 2, 4, 1)
                                            71: P_{203} = (2, 0, 2, 1)
17: P_{35} = (0, 3, 1, 0)
                                                                                        125: P_{353} = (0, 3, 4, 1)
                                                                                        126: P_{356} = (3, 3, 4, 1)
18: P_{38} = (3, 3, 1, 0)
                                            72: P_{204} = (3, 0, 2, 1)
                                            73: P_{205} = (4, 0, 2, 1)
19: P_{43} = (0, 4, 1, 0)
                                                                                        127: P_{361} = (0, 4, 4, 1)
20: P_{47} = (4, 4, 1, 0)
                                            74: P_{206} = (5, 0, 2, 1)
                                                                                        128: P_{365} = (4, 4, 4, 1)
21: P_{51} = (0, 5, 1, 0)
                                            75: P_{207} = (6, 0, 2, 1)
                                                                                        129: P_{369} = (0, 5, 4, 1)
                                                                                        130: P_{374} = (5, 5, 4, 1)
22: P_{56} = (5, 5, 1, 0)
                                            76: P_{208} = (7, 0, 2, 1)
23: P_{59} = (0, 6, 1, 0)
                                            77: P_{209} = (0, 1, 2, 1)
                                                                                        131: P_{377} = (0, 6, 4, 1)
24: P_{65} = (6, 6, 1, 0)
                                            78: P_{210} = (1, 1, 2, 1)
                                                                                        132: P_{383} = (6, 6, 4, 1)
25: P_{67} = (0, 7, 1, 0)
                                            79: P_{217} = (0, 2, 2, 1)
                                                                                        133: P_{385} = (0, 7, 4, 1)
26: P_{74} = (7,7,1,0)
                                                                                        134: P_{392} = (7, 7, 4, 1)
                                            80: P_{219} = (2, 2, 2, 1)
27: P_{75} = (1,0,0,1)
                                            81: P_{225} = (0, 3, 2, 1)
                                                                                        135: P_{393} = (0, 0, 5, 1)
28: P_{76} = (2, 0, 0, 1)
                                                                                        136: P_{394} = (1, 0, 5, 1)
                                            82: P_{228} = (3, 3, 2, 1)
                                            83: P_{233} = (0, 4, 2, 1)
29: P_{77} = (3,0,0,1)
                                                                                        137: P_{395} = (2, 0, 5, 1)
30: P_{78} = (4,0,0,1)
                                            84: P_{237} = (4, 4, 2, 1)
                                                                                        138: P_{396} = (3, 0, 5, 1)
31: P_{79} = (5,0,0,1)
                                                                                        139: P_{397} = (4, 0, 5, 1)
                                            85: P_{241} = (0, 5, 2, 1)
32: P_{80} = (6,0,0,1)
                                            86: P_{246} = (5, 5, 2, 1)
                                                                                        140: P_{398} = (5, 0, 5, 1)
33: P_{81} = (7, 0, 0, 1)
                                            87: P_{249} = (0, 6, 2, 1)
                                                                                        141: P_{399} = (6, 0, 5, 1)
34: P_{82} = (0, 1, 0, 1)
                                            88: P_{255} = (6, 6, 2, 1)
                                                                                        142: P_{400} = (7, 0, 5, 1)
35: P_{83} = (1, 1, 0, 1)
                                            89: P_{257} = (0,7,2,1)
                                                                                        143: P_{401} = (0, 1, 5, 1)
36: P_{90} = (0, 2, 0, 1)
                                            90: P_{264} = (7,7,2,1)
                                                                                        144: P_{402} = (1, 1, 5, 1)
                                                                                        145: P_{409} = (0, 2, 5, 1)
37: P_{92} = (2, 2, 0, 1)
                                            91: P_{265} = (0,0,3,1)
38: P_{98} = (0, 3, 0, 1)
                                            92: P_{266} = (1,0,3,1)
                                                                                        146: P_{411} = (2, 2, 5, 1)
                                                                                        147: P_{417} = (0, 3, 5, 1)
39: P_{101} = (3,3,0,1)
                                            93: P_{267} = (2,0,3,1)
40: P_{106} = (0, 4, 0, 1)
                                            94: P_{268} = (3, 0, 3, 1)
                                                                                        148: P_{420} = (3, 3, 5, 1)
41: P_{110} = (4, 4, 0, 1)
                                            95: P_{269} = (4,0,3,1)
                                                                                        149: P_{425} = (0, 4, 5, 1)
42: P_{114} = (0,5,0,1)
                                            96: P_{270} = (5, 0, 3, 1)
                                                                                        150: P_{429} = (4, 4, 5, 1)
                                                                                        151: P_{433} = (0, 5, 5, 1)
43: P_{119} = (5, 5, 0, 1)
                                            97: P_{271} = (6, 0, 3, 1)
44: P_{122} = (0, 6, 0, 1)
                                            98: P_{272} = (7,0,3,1)
                                                                                        152: P_{438} = (5, 5, 5, 1)
                                                                                        153: P_{441} = (0, 6, 5, 1)
45: P_{128} = (6, 6, 0, 1)
                                            99: P_{273} = (0, 1, 3, 1)
46: P_{130} = (0, 7, 0, 1)
                                            100: P_{274} = (1, 1, 3, 1)
                                                                                        154: P_{447} = (6, 6, 5, 1)
47: P_{137} = (7,7,0,1)
                                            101: P_{281} = (0, 2, 3, 1)
                                                                                        155: P_{449} = (0, 7, 5, 1)
                                            102: P_{283} = (2, 2, 3, 1)
                                                                                        156: P_{456} = (7, 7, 5, 1)
48: P_{138} = (0, 0, 1, 1)
49: P_{139} = (1,0,1,1)
                                            103: P_{289} = (0, 3, 3, 1)
                                                                                        157: P_{457} = (0, 0, 6, 1)
50: P_{140} = (2,0,1,1)
                                            104: P_{292} = (3, 3, 3, 1)
                                                                                        158: P_{458} = (1, 0, 6, 1)
51: P_{141} = (3,0,1,1)
                                            105: P_{297} = (0, 4, 3, 1)
                                                                                        159: P_{459} = (2, 0, 6, 1)
52: P_{142} = (4,0,1,1)
                                            106: P_{301} = (4, 4, 3, 1)
                                                                                        160: P_{460} = (3, 0, 6, 1)
53: P_{143} = (5, 0, 1, 1)
                                            107: P_{305} = (0, 5, 3, 1)
                                                                                        161: P_{461} = (4, 0, 6, 1)
                                                                                        162: P_{462} = (5, 0, 6, 1)
54: P_{144} = (6,0,1,1)
                                            108: P_{310} = (5, 5, 3, 1)
                                                                                        163: P_{463} = (6, 0, 6, 1)
55: P_{145} = (7,0,1,1)
                                            109: P_{313} = (0, 6, 3, 1)
56: P_{146} = (0, 1, 1, 1)
                                            110: P_{319} = (6, 6, 3, 1)
                                                                                        164: P_{464} = (7, 0, 6, 1)
57: P_{153} = (0, 2, 1, 1)
                                            111: P_{321} = (0,7,3,1)
                                                                                        165: P_{465} = (0, 1, 6, 1)
58: P_{155} = (2, 2, 1, 1)
                                            112: P_{328} = (7,7,3,1)
                                                                                        166: P_{466} = (1, 1, 6, 1)
59: P_{161} = (0, 3, 1, 1)
                                            113: P_{329} = (0, 0, 4, 1)
                                                                                        167: P_{473} = (0, 2, 6, 1)
60: P_{164} = (3, 3, 1, 1)
                                            114: P_{330} = (1,0,4,1)
                                                                                        168: P_{475} = (2, 2, 6, 1)
                                                                                        169: P_{481} = (0, 3, 6, 1)
61: P_{169} = (0, 4, 1, 1)
                                            115: P_{331} = (2,0,4,1)
                                            116: P_{332} = (3, 0, 4, 1)
62: P_{173} = (4, 4, 1, 1)
                                                                                        170: P_{484} = (3, 3, 6, 1)
63: P_{177} = (0, 5, 1, 1)
                                            117: P_{333} = (4, 0, 4, 1)
                                                                                        171: P_{489} = (0, 4, 6, 1)
64: P_{182} = (5, 5, 1, 1)
                                            118: P_{334} = (5, 0, 4, 1)
                                                                                        172: P_{493} = (4, 4, 6, 1)
65: P_{185} = (0, 6, 1, 1)
                                            119: P_{335} = (6, 0, 4, 1)
                                                                                        173: P_{497} = (0, 5, 6, 1)
66: P_{191} = (6, 6, 1, 1)
                                            120: P_{336} = (7,0,4,1)
                                                                                        174: P_{502} = (5, 5, 6, 1)
67: P_{193} = (0,7,1,1)
                                            121: P_{337} = (0, 1, 4, 1)
                                                                                        175: P_{505} = (0, 6, 6, 1)
68: P_{200} = (7, 7, 1, 1)
                                            122: P_{338} = (1, 1, 4, 1)
                                                                                        176: P_{511} = (6, 6, 6, 1)
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$177: P_{513} = (0, 7, 6, 1)$	$186: P_{528} = (7, 0, 7, 1)$	$195: P_{561} = (0, 5, 7, 1)$
178: $P_{520} = (7, 7, 6, 1)$	$187: P_{529} = (0, 1, 7, 1)$	$196: P_{566} = (5, 5, 7, 1)$
179: $P_{521} = (0, 0, 7, 1)$	188: $P_{530} = (1, 1, 7, 1)$	$197: P_{569} = (0, 6, 7, 1)$
$180: P_{522} = (1, 0, 7, 1)$	$189: P_{537} = (0, 2, 7, 1)$	$198: P_{575} = (6, 6, 7, 1)$
$181: P_{523} = (2, 0, 7, 1)$	$190: P_{539} = (2, 2, 7, 1)$	$199: P_{577} = (0, 7, 7, 1)$
$182: P_{524} = (3, 0, 7, 1)$	191: $P_{545} = (0, 3, 7, 1)$	$200: P_{584} = (7,7,7,1)$
$183: P_{525} = (4, 0, 7, 1)$	$192: P_{548} = (3, 3, 7, 1)$	
$184: P_{526} = (5, 0, 7, 1)$	$193: P_{553} = (0,4,7,1)$	
$185: P_{527} = (6, 0, 7, 1)$	$194: P_{557} = (4, 4, 7, 1)$	