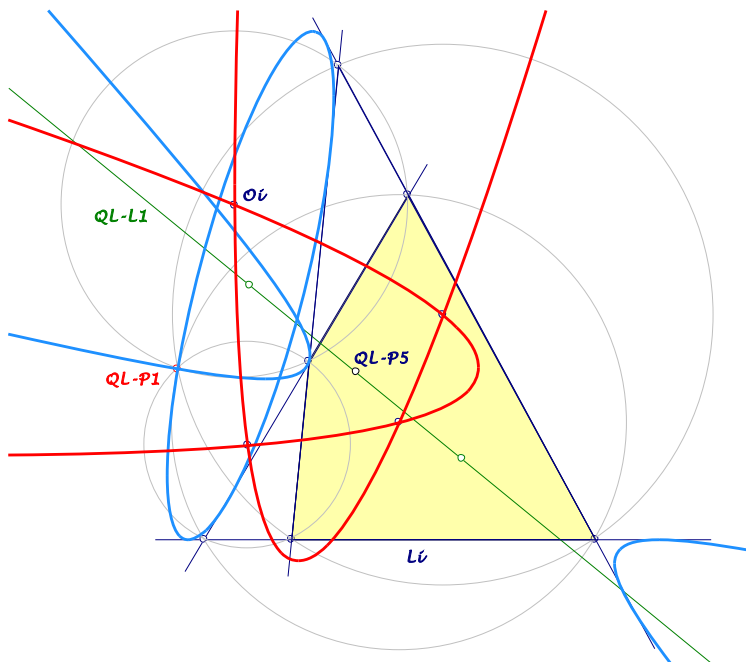


Background for these notes is:
 Chris van Tienhoven: Encyclopedia of Quadri-Figures
<http://www.chrisvantienhoven.nl/>

QL-Tf3 for inscribed conics

QL-Tf3, shortened CSCe, of tangents to QL-inscribed conics gives conics through the circumcenters O_i of the QL-triangle components. QL-inscribed conics, centered symmetrically to QL-P5, lead in a special case to two conics, which give with the CSCe-images of their tangents the circumscribed parabolas of the O_i -quadrangle.

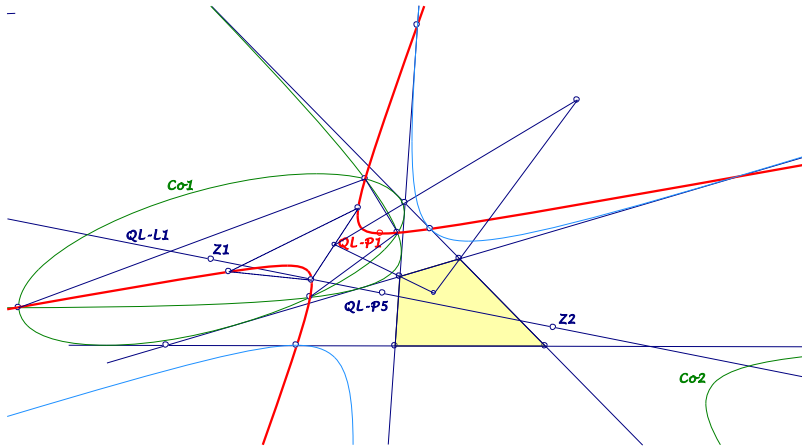


CSCe is a *QL*-transformation, which maps a line to the *CSC*-image of the reflection of *QL-P1* in the line.

- ***CSCe* of a *QL*-line is the circumcenter for the triangle of the remaining *QL*-lines.**
- ***CSCe* of tangents to a *QL*-inscribed conic gives a conic through the circumcenters O_i of the *QL*-triangles:
 ... *QL-Co1* gives *QL-Ci3* (circumcircle of O_i).
 ... *QL*-inscribed conic with center *QL-P5* gives the orthogonal hyperbola of O_i .**

Now we consider pairs of *QL*-inscribed conics Co_1 and Co_2 , centered symmetrically to *QL-P5*.

- Co_1 and Co_2 intersect on a conic
 ... bearing $QL-P1$ and its $QL-Tr1$ -anticevians,
 ... bearing the contact points of the inscribed conic
 centered in $QL-P5$,
 ... with a tangent in $QL-P1$ perpendicular $QL-P3.P4.P5.P6$.
- The intersection quadrangle of Co_1 and Co_2 has as
 diagonal triangle $QL-Tr1$.



Now we consider the special case, that the distance of the conic centers to $QL-P5$ is the $QL-Ci3$ -radius (see first figure).

- Two QL -inscribed conics, centered symmetrically to $QL-P5$ in a distance of the $QL-Ci3$ -radius
 ... intersect in $QL-P1$
 ... orthogonal
 ... with the Steiner axes as tangents.
- The $CSCe$ -images of these two conics give the circumscribed parabolas for the quadrangle of the circumcenters O_i of the QL -triangles.

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