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## Certain Inequalities Concerning Bicentric Quadrilaterals, Hexagons and Octagons

**Authors:** [Mirko Radic](#),  
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**Abstract:** In this paper we restrict ourselves to the case when conics are circles one completely inside of the other. Certain inequalities concerning bicentric quadrilaterals, hexagons and octagons in connection with Poncelet's closure theorem are established.



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