Weiß, Gunter; Pech, Pavel
A quadratic mapping related to Frégier’s theorem and some generalisations. (English)
Zbl 07424084
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Summary: We start with a special Steiner’s generation of a conic section based on a quadratic mapping, which is connected to a well-known theorem of Frégier. The paper generalises this construction of a conic to higher dimensions and to algebraic mappings of higher order.

MSC:
51Mxx Real and complex geometry
51N15 Projective analytic geometry
51N20 Euclidean analytic geometry
51N35 Questions of classical algebraic geometry

Keywords:
conic section; Steiner’s generation; Frégier point; quadratic mapping

Full Text: Link

References:

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