

**Orevkov, S. Yu.**

**Arrangements of an  $M$ -quintic with respect to a conic that maximally intersects its odd branch.** (English. Russian original) [Zbl 1206.14082](#)

*St. Petersburg. Math. J.* 19, No. 4, 625-674 (2008); translation from *Algebra Anal.* 19, No. 4, 174-242 (2007).

Summary: Under certain assumptions, the arrangements mentioned in the title are classified up to isotopy. Their algebraic realizability is discussed.

Reviewer: [Reviewer \(Berlin\)](#)

**MSC:**

- 14P05 Real algebraic sets
- 14H50 Plane and space curves
- 57R52 Isotopy in differential topology
- 57R19 Algebraic topology on manifolds and differential topology

Cited in 1 Review  
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**Keywords:**

plane projective real curve; almost complex structure; isotopy; algebraic (un)realizability

**Full Text:** [DOI](#)

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