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A nearly optimal algorithm for deciding connectivity queries in smooth and bounded real algebraic sets. (English) [Zbl 1426.68311](#)

J. ACM 63, No. 6, Paper No. 48, 37 p. (2017).

MSC:

68W30 Symbolic computation and algebraic computation

14P05 Real algebraic sets

68U05 Computer graphics; computational geometry (digital and algorithmic aspects)

Cited in **16** Documents

Keywords:

symbolic computation; algorithms; complexity; connectivity queries; nonlinear computational geometry; real algebraic geometry

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