Mathematics > Algebraic Geometry

Locally tame plane polynomial automorphisms

Joost Berson, Adrien Dubouloz (IMB), Jean-Philippe Furter (MIA), Stefan Maubach

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For automorphisms of a polynomial ring in two variables over a domain R, we show that local tameness implies global tameness provided that every 2-generated invertible R-module is free. We give many examples illustrating this property.

Subjects: **Algebraic Geometry (math.AG)**; Commutative Algebra (math.AC)

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