

论文

# ON THE ISOMORPHISMS OF SMOOTH ALGEBRAIC CURVES ( I )

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收稿日期 修回日期 网络版发布日期 接受日期

**摘要** In this paper, I have considered some problems of algebraic curves in some constructive way, especially, I give an algorithm for determining whether two given smooth plane curves are isomorphic and finding all isomorphic maps. I also have given a survey of some miscellaneous results related to the classification of curves. It is clear our method in this paper can be generalized to smooth projective complete intersection varieties.

**关键词** [Algebraic curve, isomorphism, genus, canoni](#)

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**Key words** [Algebraic curve](#) [isomorphism](#) [genus](#) [canonical divisor](#)

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