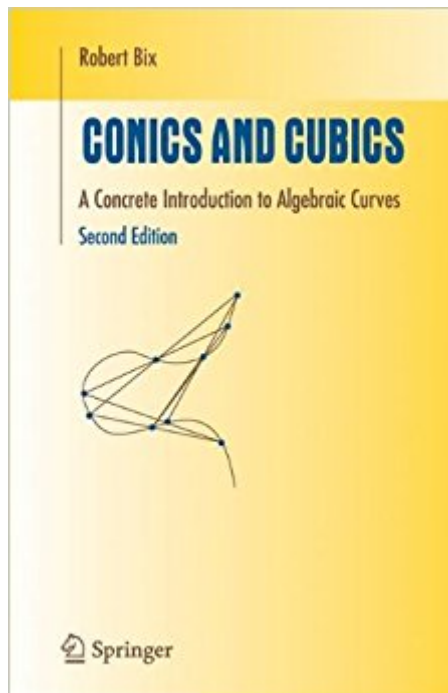


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Conics And Cubics: A Concrete Introduction To Algebraic Curves (Undergraduate Texts In Mathematics)



Synopsis

Conics and Cubics offers an accessible and well illustrated introduction to algebraic curves. By classifying irreducible cubics over the real numbers and proving that their points form Abelian groups, the book gives readers easy access to the study of elliptic curves. It includes a simple proof of Bezout's Theorem on the number of intersections of two curves. The subject area is described by means of concrete and accessible examples. The book is a text for a one-semester course.

Book Information

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Customer Reviews

I'm a freshman in college and I wanted to start doing research in mathematics. This was a perfect way for me to get a leg up on my peers as algebraic geometry is a vital tool in mathematics today and most undergraduates never get an exposure to it. The language is formal enough to be a textbook, but it's certainly not detached, it's much like reading the transcript of a lecture. The only knowledge that the book assumes is single variable calculus and high school algebra and geometry. Overall, the book is just very accessible and well worth the price.

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