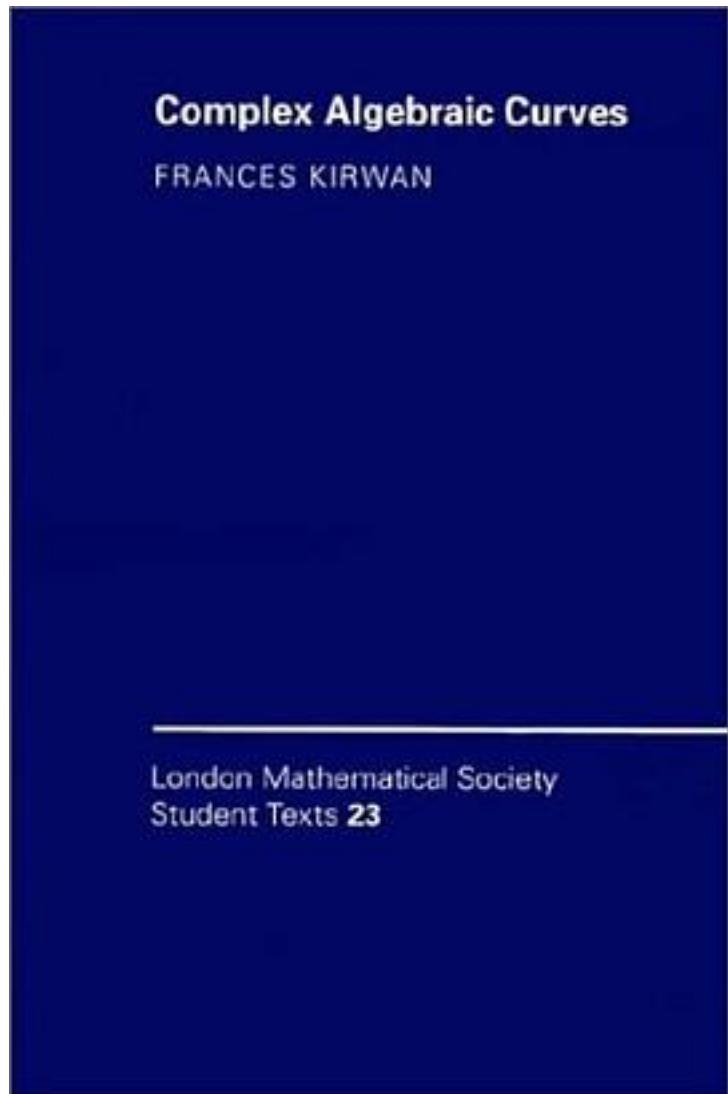


# Complex Algebraic Curves



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Complex algebraic curves were developed in the nineteenth century. They have many fascinating properties and crop up in various areas of mathematics, from number theory to theoretical physics, and are the subject of much research. By using only the basic techniques acquired by most undergraduate courses in mathematics, Dr Kirwan introduces the theory, observes the algebraic and topological properties of complex algebraic curves, and shows how they are related to complex analysis. This book grew from a lecture course given by Dr Kirwan at Oxford University and will be an excellent companion for final year undergraduates and graduates who are studying complex algebraic curves.

## 作者介绍:

Dame Frances Clare Kirwan, DBE FRS (born 1959) is a British mathematician, currently a Professor of Mathematics at the University of Oxford. Her fields of specialisation are algebraic and symplectic geometry.

[http://en.wikipedia.org/wiki/Frances\\_Kirwan](http://en.wikipedia.org/wiki/Frances_Kirwan)

<https://www.maths.ox.ac.uk/people/profiles/frances.kirwan>

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