<<椭圆曲线>>

图书基本信息

书名:<<椭圆曲线>>

13位ISBN编号:9787510033032

10位ISBN编号: 7510033039

出版时间:2011-4

出版时间:世界图书出版公司

作者:胡斯迈勒

页数:487

版权说明:本站所提供下载的PDF图书仅提供预览和简介,请支持正版图书。

更多资源请访问:http://www.tushu007.com

<<椭圆曲线>>

内容概要

《椭圆曲线(第2版)》(作者胡斯迈勒)divides naturally into several parts according to the level of the material, the background required of the reader, and the style of presentation with respect to details of proofs. For example, the first part, to Chapter 6, is undergraduate in level, the second part requires a background in Galois theory and the third some complex analysis, while the last parts, from Chapter 12 on, are mostly at graduate level.

<<椭圆曲线>>

书籍目录

Preface to the Second Edition

Preface to the Fit Edition

Acknowledgments to the Second Edition

Acknowledgments to the Fit Edition

Introduction to Rational Points on Plane Curves

- i Rational Lines in the Projective Plane
- 2 Rational Points on Conics
- 3 Pythagoras, Diophantus, and Fermat
- 4 Rational Cubics and Mordeli's Theorem
- 5 The Group Law on Cubic Curves and Elliptic Curves
- 6 Rational Points on Rational Curves. Faltings and the Mordell

Conjecture

- 7 Real and Complex Points on EUipticCurves
- 8 The Elliptic Cu~e. Group Law on the Intection of Two Quadrics

in Projective. Three Space

1 Elementary Properties of the Chord-Tangent Group Law on a Cubic

Curve

- 2 Plane Algebraic Curves
- 3 Elliptic Curves and Their Isomorphisms
- 4 Families of Elliptic Curves and Geometric Properties of Toion

Points

- 5 Reduction mod p and Toion Points
- 6 Proof of Mordell's Finite Generation Theorem.
- 7 Galois Cohomology and Isomorphism Classification of Elliptic

Curves over Arbitrary Fields

- 8 Descent and Galois Cohomology
- 9 Elliptic and Hypergeometric Functio
- 10 Theta Functio
- 11 Modular Functio.
- 12 Endomorphisms of Elliptic Curves
- 13 Elliptic Curves over Finite Fields
- 14 Elliptic Curves over Local Fields
- 15 Elliptic Curves over Global Fields and e-Adic Representatio
- 16 L. Function of an, Elliptic Curve and Its Analytic Continuation
- 17 Remarks on the Birch and Swinnerton-Dyer Conjecture
- 18 Remarks on the Modular Elliptic Curves Conjecture and Fermat's

Last Theorem

19 Higher Dimeional Analogs of Elliptic Curves: Calabi-Yau

Varieties

20 Families of Elliptic Curves

Appendix

References

List of Notation

Index



<<椭圆曲线>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介,请支持正版图书。

更多资源请访问:http://www.tushu007.com