

<<椭圆曲线和模型式引论 第2版（影印版）>>

图书基本信息

书名：<<椭圆曲线和模型式引论 第2版（影印版）>>

13位ISBN编号：9787506260145

10位ISBN编号：750626014X

出版时间：2003-6

出版单位：世界图书出版公司

作者：N.Koblitz

页数：248

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>

<<椭圆曲线和模型式引论 第2版（影印版）>>

内容概要

My purpose is to make the subject accessible to those who find it hard to read more advanced or more algebraically oriented treatments. At the same time I want to introduce topics which are at the forefront of current research. Down-to-earth examples are given in the text and exercises, with the aim of making the material readable and interesting to mathematicians in fields far removed from the subject of the book.

书籍目录

Preface to the First Edition Preface to the Second Edition CHAPTER I From Congruent Numbers to Elliptic Curves 1. Congruent numbers 2. A certain cubic equation 3. Elliptic curves 4. Doubly periodic functions 5. The field of elliptic functions 6. Elliptic curves in Weierstrass form 7. The addition law 8. Points of finite order 9. Points over finite fields, and the congruent number problem CHAPTER II The Hasse-Weil L-Function of an Elliptic Curve 1. The congruence zeta-function 2. The zeta-function of E 3. Varying the prime p 4. The prototype: the Riemann zeta-function 5. The Hasse-Weil L-function and its functional equation 6. The critical value CHAPTER III Modular forms 1. $SL_2(\mathbb{Z})$ and its congruence subgroups 2. Modular forms for $SL_2(\mathbb{Z})$ 3. Modular forms for congruence subgroups 4. Transformation formula for the theta-function 5. The modular interpretation, and Hecke operators CHAPTER IV Modular Forms of Half Integer Weight 1. Definitions and examples 2. Eisenstein series of half integer weight for (4) 3. Hecke operators on forms of half integer weight 4. The theorems of Shimura, Waldspurger, Tunnell, and the congruent number problem Answers, Hints, and References for Selected Exercises Bibliography Index

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>