

<<椭圆曲线>>

图书基本信息

书名：<<椭圆曲线>>

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内容概要

椭圆曲线是映射解形成群的两变量三次方程。
模型形式是具有特定变换规律和增长性质的上半平面上的解析函数。
椭圆曲线和模型形式两大论题共同形成eichler-shimura理论，构成了椭圆曲线特殊种类的模型性质。
该命题的逆命题——taniyama-weil猜想及其暗含的费马大定理，所有的有理椭圆曲线都来源于此。

目次：概论；射影空间中曲线；weierstrass形式中的立方曲线；mordell定理； $e(q)$ 的torsion子群；复点；dirichlet定理； $sl(2, \mathbb{Z})$ 的模型定理；hecke子群的模型形式；椭圆曲线的l曲线；eichler-shimura理论；taniyama-weil猜想。

读者对象：数学专业的高年级本科生、研究生和相关专业的科研人员。

<<椭圆曲线>>

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<<椭圆曲线>>

书籍目录

- list of figures
- list of tables
- preface
- standard notation
- i. overview
- ii. curves in projective space
 1. projective space
 2. curves and tangents
 3. flexes
 4. application to cubics
 5. bezout's theorem and resultants
- iii. cubic curves in weierstrass form
 1. examples
 2. weierstrass form, discriminant, j-invariant
 3. group law
 4. computations with the group law
 5. singular points
- iv. mordell's theorem
 1. descent
 2. condition for divisibility by 2
 3. $e(q)/2e(q)$, special case
 4. $e(q)/2e(q)$, general case
 5. height and mordell's theorem
 6. geometric formula for rank
 7. upper bound on the rank
 8. construction of points in $e(q)$
 9. appendix on algebraic number theory
- v. torsion subgroup of $e(q)$
 1. overview
 2. reduction modulo p
 3. p -adic filtration
 4. lutz-nagell theorem
 5. construction of curves with prescribed torsion
 6. torsion groups for special curves
- vi. complex points
 1. overview
 2. elliptic functions
 3. weierstrass p function
 4. effect on addition
 5. overview of inversion problem
 6. analytic continuation
 7. riemann surface of the integrand
 8. 'an elliptic integral
 9. computability of the correspondence
- vii. dirichlet's theorem

<<椭圆曲线>>

1. motivation
2. dirichlet series and euler products
3. fourier analysis on finite abelian groups
4. proof of dirichlet's theorem
5. analytic properties of dirichlet l functions
- viii. modular forms for $sl(2, z)$
 1. overview
 2. definitions and examples
 3. geometry of the q expansion
 4. dimensions of spaces of modular forms
 5. l function of a cusp form
 6. petersson inner product
 7. hecke operators
 8. interaction with petersson inner product
- ix. modular forms for hecke subgroups
 1. hecke subgroups
 2. modular and cusp forms
 3. examples of modular forms
 4. l function of a cusp form
 5. dimensions of spaces of cusp forms
 6. hecke operators
 7. oldforms and newforms
- x. l function of an elliptic curve
 1. global minimal weierstrass equations
 2. zeta functions and l functions
 3. hasse's theorem
- xi. eichler-shimura theory
 1. overview
 2. riemann surface $x_0(n)$
 3. meromorphic differentials
 4. properties of compact riemann surfaces
 5. hecke operators on integral homology
 6. modular function $j(r)$
 7. varieties and curves
 8. canonical model of $x_0(n)$
 9. abstract elliptic curves and isogenies
 10. abelian varieties and jacobian variety
 11. elliptic curves constructed from $s_2(0(n))$
 12. match of l functions
- xii. taniyama-weil conjecture
 1. relationships among conjectures
 2. strong weil] curves and twists
 3. computations of equations of well curves
 4. connection with fermat's last theorem
- notes
- references
- index of notation

<<椭圆曲线>>

index

<<椭圆曲线>>

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