

<<椭圆曲线>>

图书基本信息

书名：<<椭圆曲线>>

13位ISBN编号：9787510050664

10位ISBN编号：7510050669

出版时间：2013-1

出版时间：世界图书出版公司

作者：Anthony W. Knapp

页数：427

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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。

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作者简介

作者:(美)奈普

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