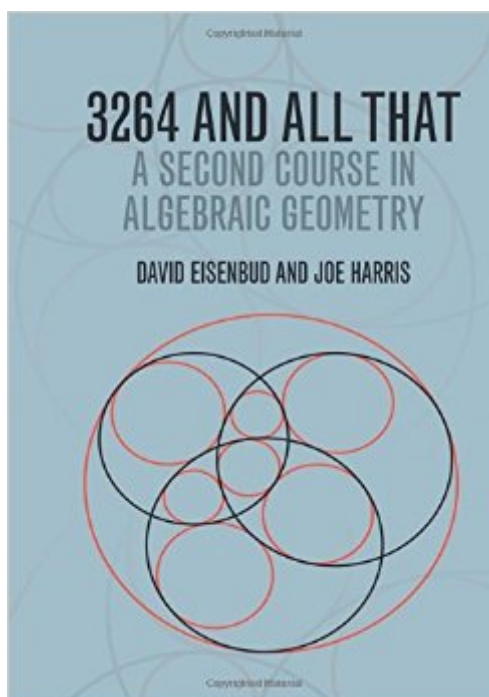


The book was found

3264 And All That: A Second Course In Algebraic Geometry



Synopsis

This book can form the basis of a second course in algebraic geometry. As motivation, it takes concrete questions from enumerative geometry and intersection theory, and provides intuition and technique, so that the student develops the ability to solve geometric problems. The authors explain key ideas, including rational equivalence, Chow rings, Schubert calculus and Chern classes, and readers will appreciate the abundant examples, many provided as exercises with solutions available online. Intersection is concerned with the enumeration of solutions of systems of polynomial equations in several variables. It has been an active area of mathematics since the work of Leibniz. Chasles' nineteenth-century calculation that there are 3264 smooth conic plane curves tangent to five given general conics was an important landmark, and was the inspiration behind the title of this book. Such computations were motivation for Poincaré's development of topology, and for many subsequent theories, so that intersection theory is now a central topic of modern mathematics.

Book Information

Paperback: 603 pages

Publisher: Cambridge University Press; 1 edition (April 26, 2016)

Language: English

ISBN-10: 1107602726

ISBN-13: 978-1107602724

Product Dimensions: 7 x 1.4 x 10 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #691,653 in Books (See Top 100 in Books) #87 in Books > Science & Math > Mathematics > Geometry & Topology > Algebraic Geometry #154 in Books > Science & Math > Mathematics > Geometry & Topology > Topology #398 in Books > Textbooks > Science & Mathematics > Mathematics > Geometry

[Download to continue reading...](#)

3264 and All That: A Second Course in Algebraic Geometry Algebraic Geometry: A First Course (Graduate Texts in Mathematics) (v. 133) Ideals, Varieties, and Algorithms: An Introduction to Computational Algebraic Geometry and Commutative Algebra (Undergraduate Texts in Mathematics) Algebraic Geometry (Graduate Texts in Mathematics) Elementary Algebraic Geometry (Student Mathematical Library, Vol. 20) (Student Mathematical Library, V. 20) Commutative Algebra: with a View Toward Algebraic Geometry (Graduate Texts in Mathematics)

Algebraic Geometry I: Complex Projective Varieties (Classics in Mathematics) Algebraic Geometry:
A Problem Solving Approach (Student Mathematical Library) A Royal Road to Algebraic Geometry
Algebraic Geometry Principles of Algebraic Geometry Basic Algebraic Geometry 1: Varieties in
Projective Space Python: PYTHON CRASH COURSE - Beginner's Course To Learn The Basics Of
Python Programming In 24 Hours!: (Python, Python Programming, Python for Dummies, Python for
Beginners, python crash course) Geometry, Study Guide and Intervention Workbook (MERRILL
GEOMETRY) Geometry Illuminated: An Illustrated Introduction to Euclidean and Hyperbolic Plane
Geometry (Maa Textbooks) Open Geometry: OpenGL® + Advanced Geometry Geometry (Holt
McDougal Larson Geometry) Glencoe Geometry, Student Edition (MERRILL GEOMETRY)
Geometry Student Edition CCSS (MERRILL GEOMETRY) Holt McDougal Accelerated Coordinate
Algebra/Analytic Geometry A Georgia: Student Workbook Coordinate Algebra/Analytic Geometry A

[Dmca](#)