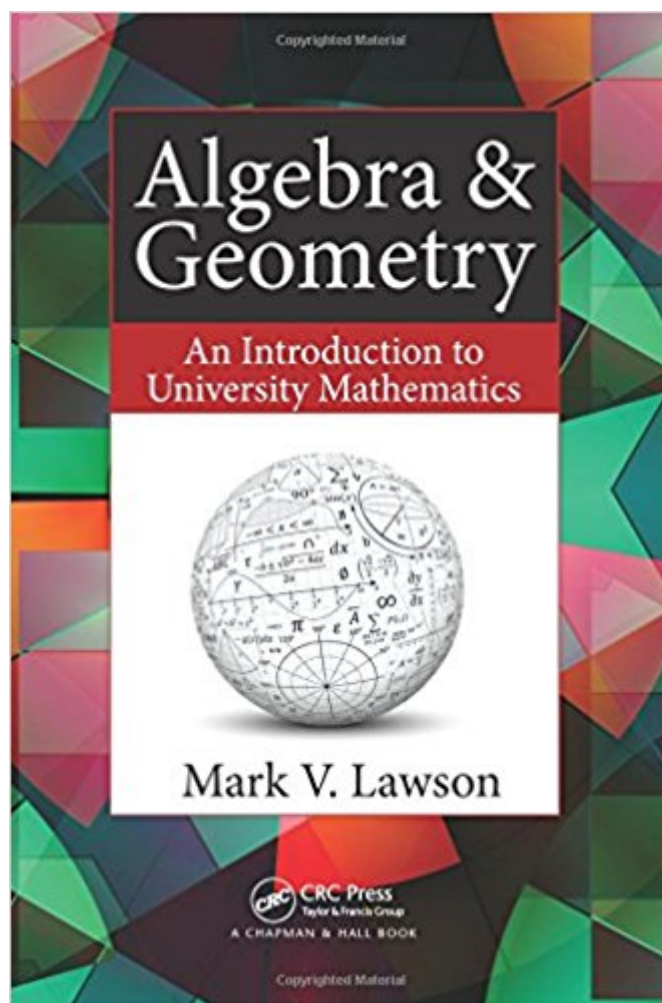


The book was found

Algebra & Geometry: An Introduction To University Mathematics



Synopsis

Algebra & Geometry: An Introduction to University Mathematics provides a bridge between high school and undergraduate mathematics courses on algebra and geometry. The author shows students how mathematics is more than a collection of methods by presenting important ideas and their historical origins throughout the text. He incorporates a hands-on approach to proofs and connects algebra and geometry to various applications. The text focuses on linear equations, polynomial equations, and quadratic forms. The first several chapters cover foundational topics, including the importance of proofs and properties commonly encountered when studying algebra. The remaining chapters form the mathematical core of the book. These chapters explain the solution of different kinds of algebraic equations, the nature of the solutions, and the interplay between geometry and algebra.

Book Information

Paperback: 384 pages

Publisher: Chapman and Hall/CRC; 1 edition (May 14, 2016)

Language: English

ISBN-10: 1482246473

ISBN-13: 978-1482246476

Product Dimensions: 6.1 x 0.9 x 9.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,108,629 in Books (See Top 100 in Books) #121 in Books > Science & Math > Mathematics > Pure Mathematics > Set Theory #648 in Books > Textbooks > Science & Mathematics > Mathematics > Geometry #1247 in Books > Science & Math > Mathematics > Geometry & Topology

Customer Reviews

"This book is for anyone who, having had a taste of higher school mathematics, wants to see what serious math at a university level is truly like. It introduces all the important topics in algebra and algebra as it affects geometry and does so in a totally uncompromised fashion. Professor Lawson shows respect for the subject through the patience exercised in developing the material thoroughly while keeping the reader engaged with a conversational style that never loses clarity. Along the way, there are some real novelties that will surprise even seasoned readers of mathematics." •Professor Peter M. Higgins, F.I.M.A., University of Essex

Mark V. Lawson is a professor in the Department of Mathematics at Heriot-Watt University. Dr. Lawson has published over 60 papers and has given seminars on his research work both at home and abroad. His research interests focus on algebraic semigroup theory and its applications.

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

Algebra & Geometry: An Introduction to University Mathematics Fractal Geometry and Dynamical Systems in Pure and Applied Mathematics I: Fractals in Pure Mathematics (Contemporary Mathematics) Ideals, Varieties, and Algorithms: An Introduction to Computational Algebraic Geometry and Commutative Algebra (Undergraduate Texts in Mathematics) Math For Everyone Combo Book Hardcover: 7th Grade Math, Algebra I, Geometry I, Algebra II, Math Analysis, Calculus Algebra and Trigonometry with Analytic Geometry (College Algebra and Trigonometry) Linear Algebra: An Introduction to Abstract Mathematics (Undergraduate Texts in Mathematics) Modern Geometry • Methods and Applications: Part I: The Geometry of Surfaces, Transformation Groups, and Fields (Graduate Texts in Mathematics) (Pt. 1) Taxicab Geometry: An Adventure in Non-Euclidean Geometry (Dover Books on Mathematics) Geometry (University of Chicago School Mathematics Project) Commutative Algebra: with a View Toward Algebraic Geometry (Graduate Texts in Mathematics) Developmental Mathematics: Basic Mathematics and Algebra (4th Edition) An Introduction to Noncommutative Geometry (EMS Series of Lectures in Mathematics) Introduction to Tropical Geometry (Graduate Studies in Mathematics) Introduction to Non-Euclidean Geometry (Dover Books on Mathematics) Transformation Geometry: An Introduction to Symmetry (Undergraduate Texts in Mathematics) Introduction to Modern Algebra and Matrix Theory: Second Edition (Dover Books on Mathematics) An Introduction to Wavelets Through Linear Algebra (Undergraduate Texts in Mathematics) Introduction to Linear Algebra (Classic Version) (5th Edition) (Pearson Modern Classics for Advanced Mathematics Series) Introduction To Commutative Algebra (Addison-Wesley Series in Mathematics) Geometry for Students and Parents: Geometry problems and solutions

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)