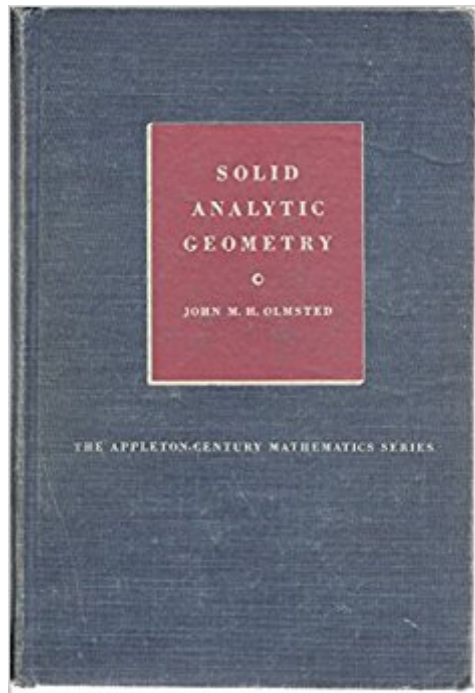




The book was found

Solid Analytic Geometry



Book Information

Hardcover: 257 pages

Publisher: D. Appleton-Century company, inc.; 1st edition (1947)

Language: English

ISBN-10: 0230335349

ISBN-13: 978-0230335349

Package Dimensions: 8.4 x 5.5 x 0.6 inches

Shipping Weight: 13.6 ounces

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #637,150 in Books (See Top 100 in Books) #79 in [Books > Science & Math > Mathematics > Geometry & Topology > Analytic Geometry](#)

Customer Reviews

Solid Analytic Geometry, 1947 John Olmsted, Professor of Mathematics, Southern Illinois University As this book was published in 1947, the style of the presentation, concepts, and mathematical terms is of the 1940's period and some seems labored compared to mathematical texts of today. The thrust of the text is to examine the 17 Quadric Surfaces, presented in their canonical form, and in their general quadric form which includes rotation and translation. However, as is often the case, early presentations develop from a different path which provides the opportunity for a broader more rich view of the topic. The principal plane of the Quadric is developed from an idea of the diametral plane, and leads into eigenvalues and eigenvectors. The geometrical presentation is in contrast to the abstract vector space presentation of today's mathematics texts. Chapter 8 provides a table where invariants of the quadric surface are used to identify the canonical form. The contents of the book: Ch 1. Coordinates and Cosines Ch 2. Planes and Lines Ch 3. Determinants and Matrices Ch 4. Surfaces and Curves Ch 5. The Seventeen Quadric Surfaces Ch 6. The General Equation of the Second Degree Ch 7. Coordinate and Point Transformations Ch 8. Analysis of the General Equation of the Second Degree Ch 9. Matrix Algebra There are plenty of exercises and answers at the back of the book.

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

Solid Analytic Geometry (Dover Books on Mathematics) Solid Analytic Geometry Calculus With Trigonometry and Analytic Geometry Calculus and Analytic Geometry, 5th Edition Algebra and Trigonometry with Analytic Geometry (College Algebra and Trigonometry) Calculus with Analytic Geometry Technical Calculus with Analytic Geometry (4th Edition) Calculus with Analytic Geometry,

Alternate Solutions Manual to accompany Saxon Calculus with Trigonometry and Analytic Geometry Technical Calculus with Analytic Geometry (Available Titles CengageNOW) Algebra and Trigonometry with Analytic Geometry, Classic 12th Edition (Available 2010 Titles Enhanced Web Assign) Analytic Geometry Modern Calculus and Analytic Geometry (Dover Books on Mathematics) Calculus and Analytic Geometry (9th Edition) Calculus and Analytic Geometry, 7th Edition Technical Calculus with Analytic Geometry Technical Calculus with Analytic Geometry 4th (Fourth) Edition byKuhfittig Modern Analytic Geometry Algebra and Trigonometry with Analytic Geometry (with CengageNOW Printed Access Card) (Available Titles CengageNOW) Calculus and Analytic Geometry student supplement Fourth Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)