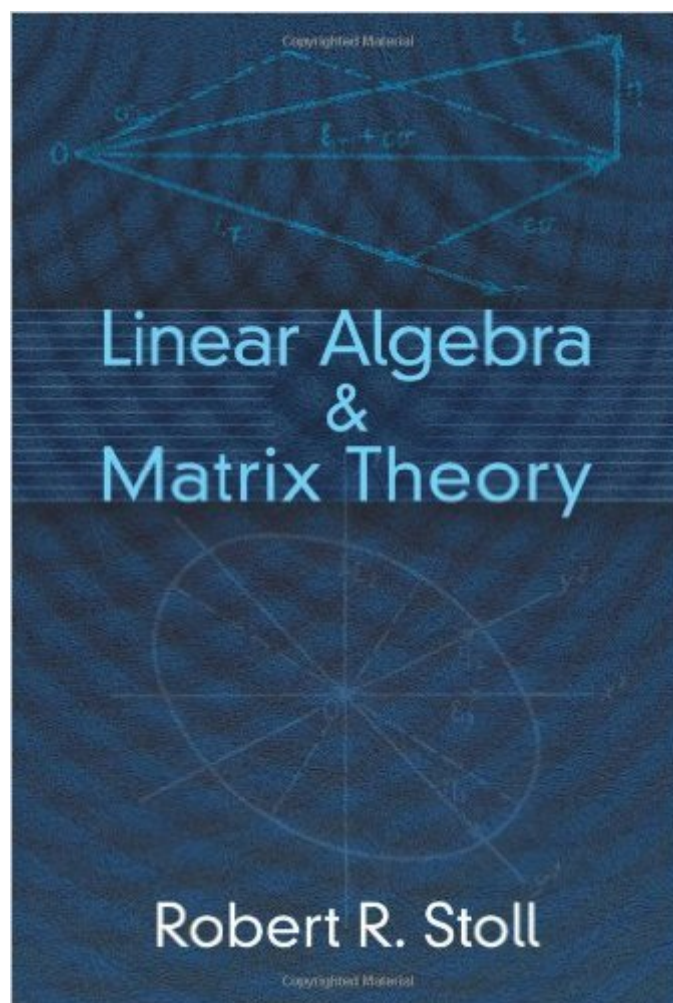


The book was found

Linear Algebra And Matrix Theory (Dover Books On Mathematics)



Synopsis

Advanced undergraduate and first-year graduate students have long regarded this text as one of the best available works on matrix theory in the context of modern algebra. Teachers and students will find it particularly suited to bridging the gap between ordinary undergraduate mathematics and completely abstract mathematics. The first five chapters treat topics important to economics, psychology, statistics, physics, and mathematics. Subjects include equivalence relations for matrixes, postulational approaches to determinants, and bilinear, quadratic, and Hermitian forms in their natural settings. The final chapters apply chiefly to students of engineering, physics, and advanced mathematics. They explore groups and rings, canonical forms for matrixes with respect to similarity via representations of linear transformations, and unitary and Euclidean vector spaces. Numerous examples appear throughout the text.

Book Information

Series: Dover Books on Mathematics

Paperback: 288 pages

Publisher: Dover Publications (October 17, 2012)

Language: English

ISBN-10: 0486623181

ISBN-13: 978-0486623184

Product Dimensions: 5.4 x 0.7 x 7.9 inches

Shipping Weight: 11.2 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #1,557,128 in Books (See Top 100 in Books) #91 in [Books > Science & Math > Mathematics > Matrices](#) #529 in [Books > Science & Math > Mathematics > Pure Mathematics > Algebra > Linear](#) #350732 in [Books > Reference](#)

Customer Reviews

Stoll takes you right to the core of linear algebra: that is the decomposition of vector spaces and linear transformations into canonical forms. The proofs are very enlightening, and even though they are constructive (which perhaps is what it benefits it most) the book still remains pocket-size, unlike the more commercial treatises on the subject. It also deals with matricial algebra, bilinear forms and inner product spaces. The exercises while interesting, are perhaps not enough. It is a shame that this book is out of print. --This refers to the Dover Publications edition--

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

Linear Algebra and Matrix Theory (Dover Books on Mathematics) A Survey of Matrix Theory and Matrix Inequalities (Dover Books on Mathematics) Applied Linear Algebra and Matrix Analysis (Undergraduate Texts in Mathematics) Linear Algebra and Its Applications plus New MyMathLab with Pearson eText -- Access Card Package (5th Edition) (Featured Titles for Linear Algebra (Introductory)) Linear Algebra with Applications (9th Edition) (Featured Titles for Linear Algebra (Introductory)) Linear Algebra With Applications (Jones and Bartlett Publishers Series in Mathematics. Linear) Matrices and Linear Algebra (Dover Books on Mathematics) Matrix Analysis and Applied Linear Algebra Book and Solutions Manual Coding the Matrix: Linear Algebra through Applications to Computer Science Matrix Methods, Third Edition: Applied Linear Algebra The Essential Guide to the ACT Matrix: A Step-by-Step Approach to Using the ACT Matrix Model in Clinical Practice Matrix Algebra: Theory, Computations, and Applications in Statistics (Springer Texts in Statistics) Matrices and Linear Transformations: Second Edition (Dover Books on Mathematics) Linear Algebra Done Right (Undergraduate Texts in Mathematics) A-Plus Notes for Beginning Algebra: Pre-Algebra and Algebra 1 Matrix Mathematics: Theory, Facts, and Formulas, Second Edition A Book of Abstract Algebra: Second Edition (Dover Books on Mathematics) Basic Algebra II: Second Edition (Dover Books on Mathematics) Geometric Algebra (Dover Books on Mathematics) Studies in linear and non-linear programming, (Stanford mathematical studies in the social sciences)

[Dmca](#)