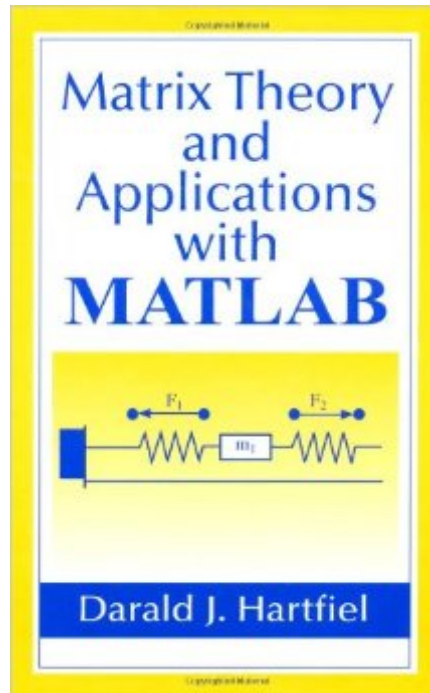


The book was found

Matrix Theory And Applications With MATLAB



Synopsis

Designed for use in a second course on linear algebra, *Matrix Theory and Applications with MATLAB* covers the basics of the subject—from a review of matrix algebra through vector spaces to matrix calculus and unitary similarity—in a presentation that stresses insight, understanding, and applications. Among its most outstanding features is the integration of MATLAB throughout the text. Each chapter includes a MATLAB subsection that discusses the various commands used to do the computations in that section and offers code for the graphics and some algorithms used in the text. All of the material is presented from a matrix point of view with enough rigor for students to learn to compose arguments and proofs and adjust the material to cover other problems. The treatment includes optional subsections covering applications, and the final chapters move beyond basic matrix theory to discuss more advanced topics, such as decompositions, positive definite matrices, graphics, and topology. Filled with illustrations, examples, and exercises that reinforce understanding, *Matrix Theory and Applications with MATLAB* allows readers to experiment and visualize results in a way that no other text does. Its rigor, use of MATLAB, and focus on applications better prepares them to use the material in their future work and research, to extend the material, and perhaps obtain new results of their own.

Book Information

Hardcover: 384 pages

Publisher: CRC Press; 1 edition (November 28, 2000)

Language: English

ISBN-10: 1584881089

ISBN-13: 978-1584881087

Product Dimensions: 1 x 6.2 x 9.2 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars Â Â See all reviews Â (1 customer review)

Best Sellers Rank: #2,230,054 in Books (See Top 100 in Books) #131 in Â Books > Science & Math > Mathematics > Matrices #370 in Â Books > Science & Math > Mathematics > Number Systems #689 in Â Books > Science & Math > Mathematics > Pure Mathematics > Discrete Mathematics

Customer Reviews

Book came fast but came with water damage. Still readable.

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

MATLAB - Programming with MATLAB for Beginners - A Practical Introduction to Programming and Problem Solving (Matlab for Engineers, MATLAB for Scientists, Matlab Programming for Dummies)
Matrix Theory and Applications with MATLAB A Survey of Matrix Theory and Matrix Inequalities (Dover Books on Mathematics) The Essential Guide to the ACT Matrix: A Step-by-Step Approach to Using the ACT Matrix Model in Clinical Practice Matrix Algebra Using MINimal MATlab Matrix Algebra: Theory, Computations, and Applications in Statistics (Springer Texts in Statistics) Matrix Analysis of Structural Dynamics: Applications and Earthquake Engineering (Civil and Environmental Engineering) Nonnegative Matrix and Tensor Factorizations: Applications to Exploratory Multi-way Data Analysis and Blind Source Separation Metal Matrix Syntactic Foams: Processing, Microstructure, Properties and Applications Hands-On Matrix Algebra Using R: Active and Motivated Learning with Applications Coding the Matrix: Linear Algebra through Applications to Computer Science Matrix Algebra: An Introduction (Quantitative Applications in the Social Sciences) Einstein in Matrix Form: Exact Derivation of the Theory of Special and General Relativity without Tensors (Graduate Texts in Physics) Matrix Theory: Basic Results and Techniques (Universitext) Matrix Mathematics: Theory, Facts, and Formulas, Second Edition Linear Algebra and Matrix Theory (Dover Books on Mathematics) Circuit Analysis I with MATLAB Applications Matrix Theory, Vol. 2 The Oxford Handbook of Random Matrix Theory (Oxford Handbooks) Fluid Flow in the Subsurface: History, Generalization and Applications of Physical Laws (Theory and Applications of Transport in Porous Media)

[Dmca](#)