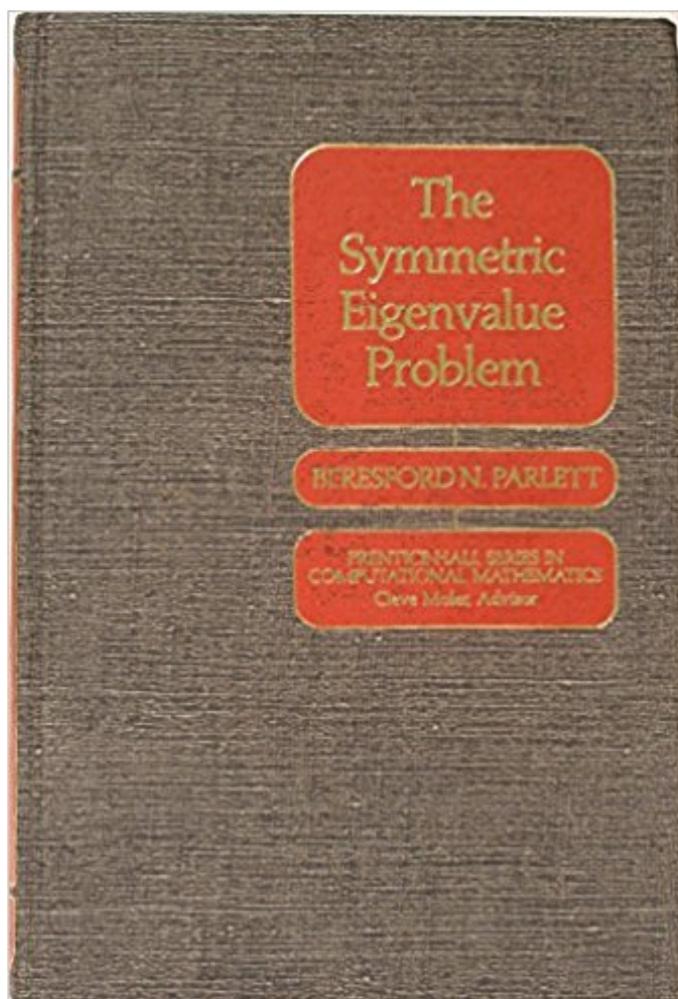


The book was found

Symmetric Eigenvalue Problem (Prentice-Hall Series In Computational Mathematics)



Synopsis

According to Parlett, 'Vibrations are everywhere, and so too are the eigenvalues associated with them. As mathematical models invade more and more disciplines, we can anticipate a demand for eigenvalue calculations in an ever richer variety of contexts.' Anyone who performs these calculations will welcome the reprinting of Parlett's book (originally published in 1980). In this unabridged, amended version, Parlett covers aspects of the problem that are not easily found elsewhere. The chapter titles convey the scope of the material succinctly. The aim of the book is to present mathematical knowledge that is needed in order to understand the art of computing eigenvalues of real symmetric matrices, either all of them or only a few. The author explains why the selected information really matters and he is not shy about making judgments. The commentary is lively but the proofs are terse. --This text refers to an out of print or unavailable edition of this title.

Book Information

Series: Prentice-Hall series in Computational Mathematics

Hardcover: 368 pages

Publisher: Prentice Hall; 1st Edition edition (May 1980)

Language: English

ISBN-10: 0138800472

ISBN-13: 978-0138800475

Product Dimensions: 9.1 x 6.6 x 1.1 inches

Shipping Weight: 1.6 pounds

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

Best Sellers Rank: #1,347,257 in Books (See Top 100 in Books) #73 in [Books > Science & Math > Mathematics > Matrices](#) #12384 in [Books > Textbooks > Science & Mathematics > Mathematics](#)

Customer Reviews

A droll explication of techniques that can be applied to understand some of the most important engineering problems: those dealing with vibrations, buckling, and earthquake resistance. While containing substantial theory, this is an applied mathematics text that reads as if you are eavesdropping on the author talking out loud to himself. What sets it off from the crowd of math books are the inside references to Parlett's friends in the business, and the dry wit. It contains NO CODE, yet discusses algorithms in detail, describing where they are good, and where they flop. The reader must pay attention, however, and work through some of the exercises with a calculator (a

spreadsheet is handier, in my view). If you are looking for eigenvalues, this text is a necessary part of your toolkit.

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

Symmetric Eigenvalue Problem (Prentice-Hall series in Computational Mathematics) Fundamentals of Network Analysis and Synthesis (Prentice-Hall electrical engineering series. Solid state physical electronics series. Prentice-Hall networks series) The Symmetric Group: Representations, Combinatorial Algorithms, and Symmetric Functions (Graduate Texts in Mathematics, Vol. 203) Prentice hall literature (common core edition) (teachers edition grade 6) (Prentice Hall and Texas Instruments Digital Signal Processing Series) Calculus With Analytic Geometry (2nd Edition) (Prentice-Hall Series in Technical Mathematics) Computational Partial Differential Equations Using MATLAB (Chapman & Hall/CRC Applied Mathematics & Nonlinear Science) All-in-one Student Workbook : Version A (Prentice Hall Mathematics, Geometry) Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) In Silico Medicinal Chemistry: Computational Methods to Support Drug Design (Theoretical and Computational Chemistry Series) Differential Geometry, Lie Groups, and Symmetric Spaces, Volume 80 (Pure and Applied Mathematics) Computational Photochemistry, Volume 16 (Theoretical and Computational Chemistry) Optical Processes in Semiconductors (Prentice-Hall electrical engineering series. Solid state physical electronics series) Image Processing and Acquisition using Python (Chapman & Hall/CRC Mathematical and Computational Imaging Sciences Series) Computational Methods of Feature Selection (Chapman & Hall/CRC Data Mining and Knowledge Discovery Series) Big Data Fundamentals: Concepts, Drivers & Techniques (The Prentice Hall Service Technology Series from Thomas Erl) Exploring the Urban Community: A GIS Approach (2nd Edition) (Pearson Prentice Hall Series in Geographic Information Science (Hardcover)) Introductory Geographic Information Systems (Prentice Hall Series in Geographic Information Science) Embedded Linux Primer: A Practical Real-World Approach (Prentice Hall Open Source Software Development Series) SOA Design Patterns (The Prentice Hall Service Technology Series from Thomas Erl) Multidimensional Digital Signal Processing (Prentice-Hall Signal Processing Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

