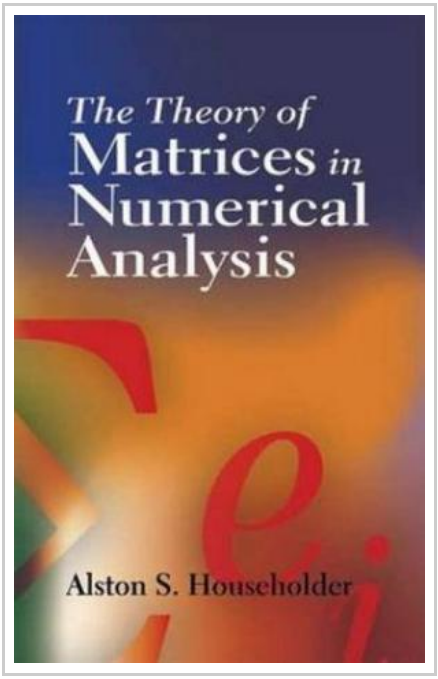


DOWNLOAD

The Theory of Matrices in Numerical Analysis

By Mathematics

Dover Publications. Paperback. Book Condition: New. Paperback. 270 pages. Dimensions: 8.3in. x 5.3in. x 0.7in.This text explores aspects of matrix theory that are most useful in developing and appraising computational methods for solving systems of linear equations and for finding characteristic roots. Suitable for advanced undergraduates and graduate students, it assumes an understanding of the general principles of matrix algebra, including the Cayley-Hamilton theorem, characteristic roots and vectors, and linear dependence. An introductory chapter covers the Lanczos algorithm, orthogonal polynomials, and determinantal identities. Succeeding chapters examine norms, bounds, and convergence; localization theorems and other inequalities; and methods of solving systems of linear equations. The final chapters illustrate the mathematical principles underlying linear equations and their interrelationships. Topics include methods of successive approximation, direct methods of inversion, normalization and reduction of the matrix, and proper values and vectors. Each chapter concludes with a helpful set of references and problems. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.

READ ONLINE
[3.89 MB]

Reviews

Complete information for publication fanatics. It is actually rally intriguing throgh reading period of time. I am happy to explain how this is actually the greatest publication i actually have read inside my own daily life and may be he finest ebook for possibly.

-- ***Ms. Heidi Rath***

This is the greatest book i have got read through till now. I could possibly comprehended almost everything out of this published e book. Your daily life span will probably be enhance the instant you total looking at this book.

-- ***Bernadette Baumbach***