The book was found
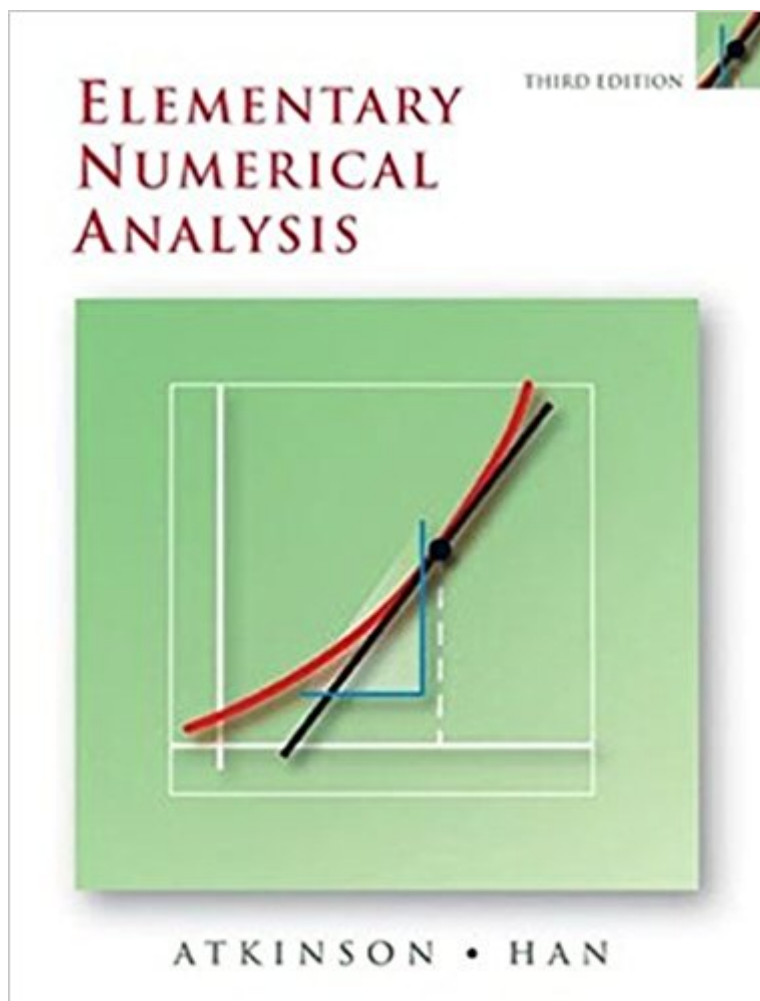
Elementary Numerical Analysis

THIRD EDITION

ELEMENTARY
NUMERICAL
ANALYSIS

ATKINSON • HAN

Synopsis

Offering a clear, precise, and accessible presentation, complete with MATLAB programs, this new Third Edition of Elementary Numerical Analysis gives students the support they need to master basic numerical analysis and scientific computing. Now updated and revised, this significant revision features reorganized and rewritten content, as well as some new additional examples and problems. The text introduces core areas of numerical analysis and scientific computing along with basic themes of numerical analysis such as the approximation of problems by simpler methods, the construction of algorithms, iteration methods, error analysis, stability, asymptotic error formulas, and the effects of machine arithmetic.

Book Information

Hardcover: 576 pages

Publisher: Wiley; 3 edition (October 27, 2003)

Language: English

ISBN-10: 0471433373

ISBN-13: 978-0471433378

Product Dimensions: 7.7 x 0.9 x 9.5 inches

Shipping Weight: 2.3 pounds (View shipping rates and policies)

Average Customer Review: 3.1 out of 5 stars 17 customer reviews

Best Sellers Rank: #101,724 in Books (See Top 100 in Books) #64 inÃ Â Books > Science & Math > Mathematics > Mathematical Analysis #469 inÃ Â Books > Textbooks > Science & Mathematics > Mathematics > Statistics #635 inÃ Â Books > Science & Math > Mathematics > Applied > Probability & Statistics

Customer Reviews

First off, this touches on just about every possible topic in Numerical Analysis.The problem is that it gives long descriptions, long derivations, but very few useful equations. Just before describing applicability it goes into a generalized example that doesn't fully utilize what it spent pages deriving. So it explains a lot but doesn't provide many useful equations for applying things, it basically expects you to base your own formula off what it derives. I didn't find may examples particularly useful.

This textbook is the correct one and has all of the information that it is supposed to have. I couldn't even tell that this book has been used before: the quality is perfect. Best of all, the price is

significantly lower than that of your typical college bookstore. I paid only 1/4 to 1/7 of what I could have ended up paying at the bookstore just to RENT!

Excellent

Took a lot longer than expected to arrive (nearly a month to arrive). The book is exactly as described and exactly what I needed for class.

There is a lack of examples, especially in the later chapters.

Very good math text! Gets straight to the point and does so in a very clear manner! Cuts out most of the calculus fat that can be found in regular calculus books. Very modular approaches.

Clear and concise, answer bank is not that large.

When a mathematician says "Elementary", it is not likely that your definition is the same as his/hers. Unreadable, scary, and downright condescending at some points, but that description could easily apply to the vast majority of books in which the author attempts to lord his or her superior mathematical skill over you, the reader. If you have to read this book for the exercises, you should plan on smacking your head into this book repeatedly while trying to glean some semblance of knowledge from its cryptic pages.

Download to continue reading...

Elementary Numerical Analysis A First Course in Numerical Analysis: Second Edition (Dover Books on Mathematics) Stochastic Models, Information Theory, and Lie Groups, Volume 1: Classical Results and Geometric Methods (Applied and Numerical Harmonic Analysis) Stochastic Models, Information Theory, and Lie Groups, Volume 2: Analytic Methods and Modern Applications (Applied and Numerical Harmonic Analysis) Numerical Analysis Numerical Analysis: Mathematics of Scientific Computing (The Sally Series; Pure and Applied Undergraduate Texts, Vol. 2) An Introduction to Numerical Analysis Numerical Analysis (Available Titles CengageNOW) Numerical Analysis: Mathematics of Scientific Computing Numerical Methods: Design, Analysis, and Computer Implementation of Algorithms A Theoretical Introduction to Numerical Analysis Using R for Numerical Analysis in Science and Engineering (Chapman & Hall/CRC The R Series) Distributions in the Physical and Engineering Sciences: Distributional and Fractal Calculus, Integral Transforms

and Wavelets (Applied and Numerical Harmonic Analysis) A Friendly Introduction to Numerical Analysis. Numerical Analysis and Scientific Computation Functions, Spaces, and Expansions: Mathematical Tools in Physics and Engineering (Applied and Numerical Harmonic Analysis) ELEMENTARY SCIENCE 2000 TRADE LIBRARY WHATS THE BIG IDEA BEN FRANKLIN COPYRIGHT 2000 (Elementary Science Trade Library) Striker Jones: Elementary Economics for Elementary Detectives (Striker Jones Economics for Kids Mysteries Book 1) A Simply Classic Nutcracker: For Elementary to Late Elementary Pianists Praxis II Elementary Education Multiple Subjects 5001 Study Guide: Test Prep & Practice Test Questions for the Praxis 2 Elementary Education Multiple Subjects 5001 Exam