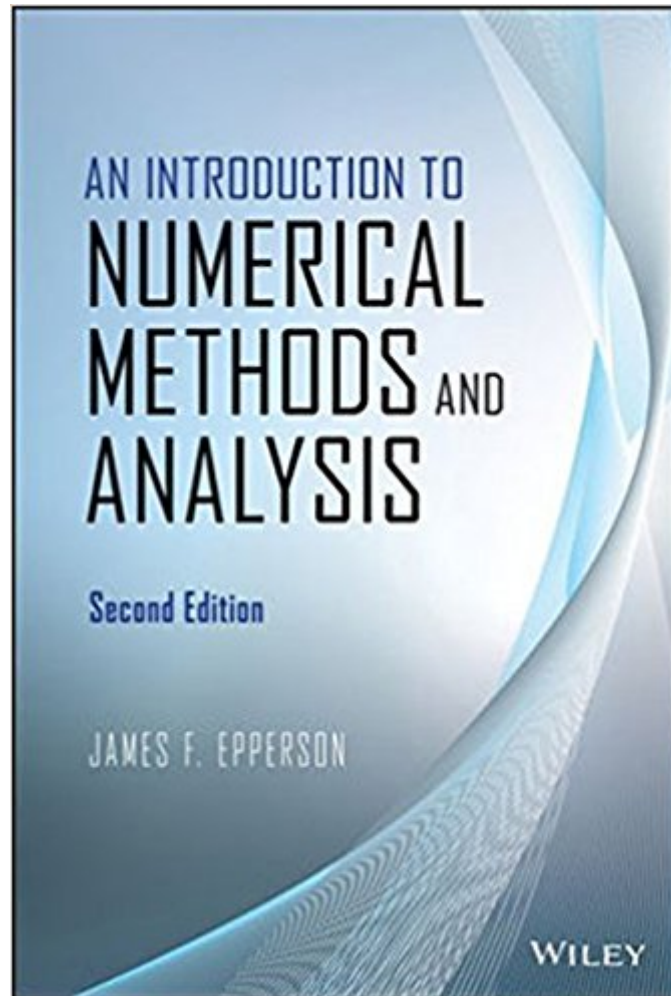




**Ebook Directory**  
the best source of ebook

The book was found

# An Introduction To Numerical Methods And Analysis



## Synopsis

Praise for the First Edition ". . . outstandingly appealing with regard to its style, contents, considerations of requirements of practice, choice of examples, and exercises."âZentralblatt MATH ". . . carefully structured with many detailed worked examples."âThe Mathematical Gazette

The Second Edition of the highly regarded *An Introduction to Numerical Methods and Analysis* provides a fully revised guide to numerical approximation. The book continues to be accessible and expertly guides readers through the many available techniques of numerical methods and analysis. *An Introduction to Numerical Methods and Analysis, Second Edition* reflects the latest trends in the field, includes new material and revised exercises, and offers a unique emphasis on applications. The author clearly explains how to both construct and evaluate approximations for accuracy and performance, which are key skills in a variety of fields. A wide range of higher-level methods and solutions, including new topics such as the roots of polynomials, spectral collocation, finite element ideas, and Clenshaw-Curtis quadrature, are presented from an introductory perspective, and the Second Edition also features:

- Chapters and sections that begin with basic, elementary material followed by gradual coverage of more advanced material
- Exercises ranging from simple hand computations to challenging derivations and minor proofs to programming exercises
- Widespread exposure and utilization of MATLAB
- An appendix that contains proofs of various theorems and other material

The book is an ideal textbook for students in advanced undergraduate mathematics and engineering courses who are interested in gaining an understanding of numerical methods and numerical analysis.

## Book Information

Hardcover: 614 pages

Publisher: Wiley; 2 edition (October 7, 2013)

Language: English

ISBN-10: 1118367596

ISBN-13: 978-1118367599

Product Dimensions: 7.4 x 1.3 x 10.3 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂÂ See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #223,147 in Books (See Top 100 in Books) #147 inÂ Books > Science & Math > Mathematics > Mathematical Analysis #1568 inÂ Books > Science & Math > Mathematics > Applied #2200 inÂ Books > Textbooks > Science & Mathematics > Mathematics

## Customer Reviews

This is a very well written textbook and the Kindle version is a mere fraction of the Print version which runs for over one hundred dollars (US).

Excellent book! It's full of very useful and practical information.

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

Numerical Techniques for Direct and Large-Eddy Simulations (Chapman & Hall/CRC Numerical Analysis and Scientific Computing Series) An Introduction to Numerical Methods and Analysis Stochastic Models, Information Theory, and Lie Groups, Volume 2: Analytic Methods and Modern Applications (Applied and Numerical Harmonic Analysis) Numerical Methods: Design, Analysis, and Computer Implementation of Algorithms Numerical Analysis for Engineers: Methods and Applications, Second Edition (Textbooks in Mathematics) Riemann Solvers and Numerical Methods for Fluid Dynamics: A Practical Introduction A Friendly Introduction to Numerical Analysis. Introduction to Numerical Analysis (Texts in Applied Mathematics) FORTRAN 77 and Numerical Methods for Engineers and Scientists Traffic Flow Theory: Characteristics, Experimental Methods, and Numerical Techniques Partial Differential Equations: Analytical and Numerical Methods, Second Edition Numerical Methods for Scientists and Engineers (Dover Books on Mathematics) A First Course in Numerical Methods (Computational Science and Engineering) A Student's Guide to Numerical Methods Numerical Partial Differential Equations: Finite Difference Methods (Texts in Applied Mathematics) Numerical Methods for Fluid Dynamics: With Applications to Geophysics (Texts in Applied Mathematics) Numerical Methods for Engineers Selected Unsolved Problems in Coding Theory (Applied and Numerical Harmonic Analysis) Numerical Analysis Elementary Numerical Analysis

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)