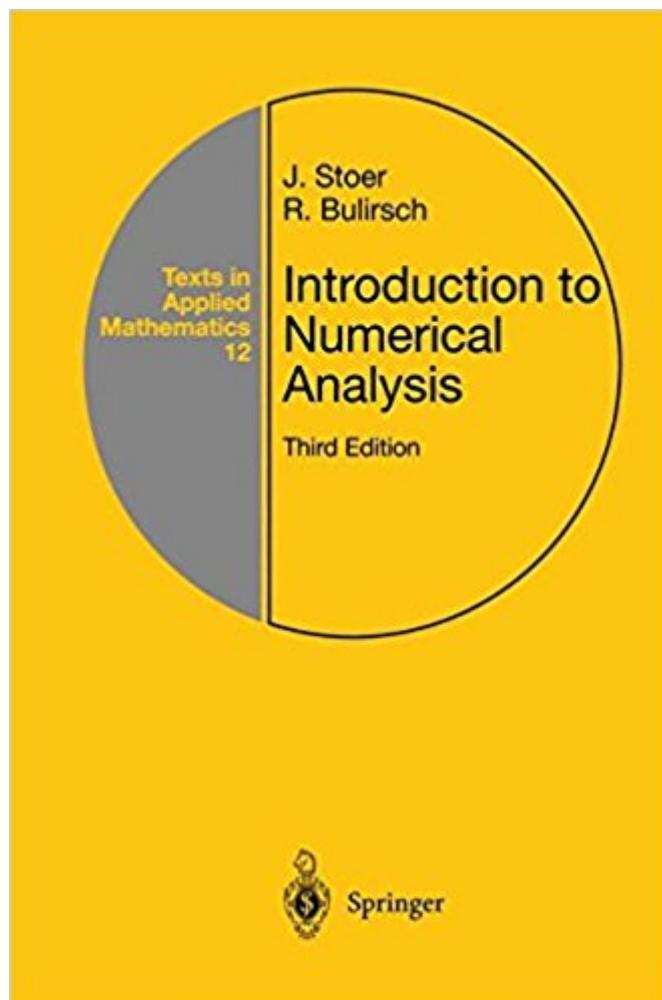


The book was found

# Introduction To Numerical Analysis (Texts In Applied Mathematics)



## Synopsis

New edition of a well-known classic in the field; Previous edition sold over 6000 copies worldwide;  
Fully-worked examples; Many carefully selected problems

## Book Information

Series: Texts in Applied Mathematics (Book 12)

Hardcover: 746 pages

Publisher: Springer; 3rd edition (August 21, 2002)

Language: English

ISBN-10: 038795452X

ISBN-13: 978-0387954523

Product Dimensions: 6.1 x 1.6 x 9.2 inches

Shipping Weight: 2.7 pounds

Average Customer Review: 3.0 out of 5 starsÂ  [See all reviewsÂ \(4 customer reviews\)](#)

Best Sellers Rank: #995,487 in Books (See Top 100 in Books) #128 inÂ Books > Science & Math > Mathematics > Number Systems #199 inÂ Books > Science & Math > Mathematics > Popular & Elementary > Counting & Numeration #823 inÂ Books > Science & Math > Mathematics > Mathematical Analysis

## Customer Reviews

In the course of my graduate studies, I got lots of books in Numerical Mathematics. I read most of them, at least the chapters related to my work in Computer-Aided Design and Simulation of electronic circuits. I have some of the books in several editions, as happens with this book from Stoer & Bulirsch (I have the 2nd and 3rd eds. of S&B). It isn't an easy read, and I remember having had some "viscous friction" in getting into the notation, a minor annoyance quickly surpassed. But when I had to jump into theorem proofs and fine tuning of algorithms, this book was the preferred. I recommend the chapters on Linear Systems, on solving Nonlinear Equations and on solving Ordinary Differential Equations, which I "used" a lot. This last 3rd edition already has some material about solving Linear Systems of equations with Krylov Space methods, such as GMRES. As happens with many books, it can be complemented with texts offering a different point of view on Numerical Analysis. I recommend the classics from Hamming Numerical Methods for Scientists and Engineers, from Lanczos Applied Analysis, from Dahlquist and Bjork Numerical Methods, from Atkinson

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

Introduction to Numerical Analysis (Texts in Applied Mathematics) 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 Techniques for Direct and Large-Eddy Simulations (Chapman & Hall/CRC Numerical Analysis and Scientific Computing Series) Selected Unsolved Problems in Coding Theory (Applied and Numerical Harmonic Analysis) Stochastic Models, Information Theory, and Lie Groups, Volume 2: Analytic Methods and Modern Applications (Applied and Numerical Harmonic Analysis) Applied Linear Algebra and Matrix Analysis (Undergraduate Texts in Mathematics) Numerical Analysis for Engineers: Methods and Applications, Second Edition (Textbooks in Mathematics) Books of Breathing and Related Texts -Late Egyptian Religious Texts in the British Museum Vol.1 (Catalogue of the Books of the Dead and Other Religious Texts in the British Museum) A Friendly Introduction to Numerical Analysis. An Introduction to Numerical Methods and Analysis Introduction to Radar Analysis (Advances in Applied Mathematics) Mathematical Control Theory: Deterministic Finite Dimensional Systems (Texts in Applied Mathematics) Modeling and Simulation in Medicine and the Life Sciences (Texts in Applied Mathematics) Computational Electromagnetics (Texts in Applied Mathematics) Fibonacci and Lucas Numbers with Applications, Volume One (Pure and Applied Mathematics: A Wiley Series of Texts, Monographs and Tracts) A Discrete Transition to Advanced Mathematics (Pure and Applied Undergraduate Texts) Fourier Analysis and Its Applications (Pure and Applied Undergraduate Texts) Modern Fortran Explained (Numerical Mathematics and Scientific Computation) Numerical Methods for Scientists and Engineers (Dover Books on Mathematics)

[Dmca](#)