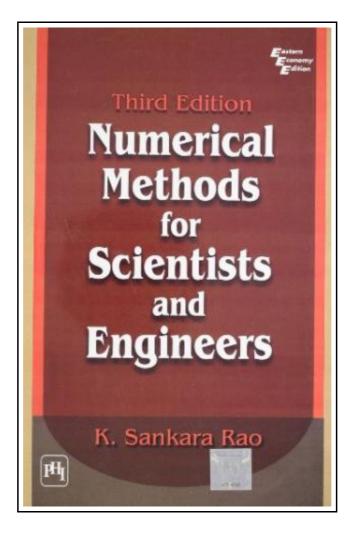
Numerical Methods: For Scientists and Engineers (3rd Revised edition)



Filesize: 3.07 MB

Reviews

Complete guide for publication enthusiasts. I have read and i am sure that i will going to study again once again in the future. Your way of life period will be transform once you total looking over this publication.

(Shayne O'Conner)

NUMERICAL METHODS: FOR SCIENTISTS AND ENGINEERS (3RD REVISED EDITION)



PHI Learning. Paperback. Book Condition: new. BRAND NEW, Numerical Methods: For Scientists and Engineers (3rd Revised edition), K. Sankara Rao, Primarily written as a textbook, this third edition provides a complete course on numerical methods for undergraduate students in all branches of engineering, postgraduate students in mathematics and physics, and students pursuing courses in Master of Computer Applications (MCA). Besides students, those appearing for competitive examinations, research scholars and professionals engaged in numerical computations, will treasure this edition for its in-depth analysis, systematic treatment and clarity of approach. The third edition has been updated with new material comprising new methods and concepts and additional chapters on Boundary Value Problems and Approximation of Functions. It introduces the basics in computing, stresses on errors in computation, discusses various direct and iterative methods for solving algebraic and transcendental equations and a method for solving a system of nonlinear equations, linear system of equations, matrix inversion and computation of eigenvalues and eigenvectors of a matrix. The book provides a detailed discussion on curve fitting, interpolation and cubic spline interpolation, numerical differentiation and integration. It also presents, various single step and predictor - corrector methods for solving ordinary differential equations, finite difference methods for solving partial differential equations with the concepts of truncation error and stability. Finally, it concludes with a treatment of numerical methods for solving boundary value problems, least squares, Chebyshev, Pade polynomial approximations and Fourier series approximation to a real continuous function. This title provides altogether about 300 examples, of which about 125 are worked-out examples. It gives detailed hints and solutions to examples under Exercises.

Read Numerical Methods: For Scientists and Engineers (3rd Revised edition) Online
Download PDF Numerical Methods: For Scientists and Engineers (3rd Revised edition)

You May Also Like



Tax Practice (2nd edition five-year higher vocational education and the accounting profession teaching the book) (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 282 Publisher: Higher Education Pub. Date: 2009-01-01 version 2. This book is...

Download ePub »



The Java Tutorial (3rd Edition)

Pearson Education, 2001. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Praise for "The Java' Tutorial, Second Edition" includes: "This book...

Download ePub »



9787538264517 network music roar(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2003-01-01 Pages: 273 Publisher: Liaoning Education Press title: music network roar...

Download ePub »



Music for Children with Hearing Loss: A Resource for Parents and Teachers

Oxford University Press Inc, United States, 2014. Paperback. Book Condition: New. 228×156 mm. Language: English . Brand New Book. Written by an expert in the field who is both a teacher and a...

Download ePub »



Cinderella: The Real Story: Red (KS2) A/5c

Pearson Education Limited. Paperback. Book Condition: new. BRAND NEW, Cinderella: The Real Story: Red (KS2) A/5c, Jan Burchett, Sara Vogler, This title is part of Bug Club, the first whole-school reading programme to combine books...

Download ePub »