


[DOWNLOAD](#)


Analysis for Computer Scientists : Foundations, Methods, and Algorithms

By Michael Oberguggenberger

Springer-Verlag GmbH Nov 2018, 2018. Taschenbuch. Condition: Neu. Neuware - This easy-to-follow textbook/reference presents a concise introduction to mathematical analysis from an algorithmic point of view, with a particular focus on applications of analysis and aspects of mathematical modelling. The text describes the mathematical theory alongside the basic concepts and methods of numerical analysis, enriched by computer experiments using MATLAB, Python, Maple, and Java applets. This fully updated and expanded new edition also features an even greater number of programming exercises. Topics and features: describes the fundamental concepts in analysis, covering real and complex numbers, trigonometry, sequences and series, functions, derivatives, integrals, and curves; discusses important applications and advanced topics, such as fractals and L-systems, numerical integration, linear regression, and differential equations; presents tools from vector and matrix algebra in the appendices, together with further information on continuity; includes added material on hyperbolic functions, curves and surfaces in space, second-order differential equations, and the pendulum equation (NEW); contains experiments, exercises, definitions, and propositions throughout the text; supplies programming examples in Python, in addition to MATLAB (NEW); provides supplementary resources at an associated website, including Java applets, code source files, and links to interactive online learning material. Addressing the core needs...



[READ ONLINE](#)
[3.57 MB]

Reviews

This composed book is excellent. This really is for all who state that there had not been a worth reading through. Your life period will probably be change as soon as you total looking over this ebook.

-- Cheyanne Barrows

The book is fantastic and great. I have go through and i also am certain that i will planning to read through once more once more down the road. Its been printed in an exceedingly simple way and is particularly simply after i finished reading through this publication through which really changed me, change the way i think.

-- Hank Powlowski

Other Kindle Books



Mastering Machine Learning for Penetration Testing: Develop an extensive skill set to break self-learning systems using Python (Paperback)

Packt Publishing Limited, United Kingdom, 2018. Paperback. Condition: New. Language: English. Brand new Book. Become a master at penetration testing using machine learning with PythonKey Features Identify ambiguities and breach intelligent security systems Perform unique cyber attacks to breach robust systems Learn...



An Undergraduate Introduction to Financial Mathematics (3rd edition)

World Scientific Publishing Co Pte Ltd. Hardback. Condition: new. BRAND NEW, An Undergraduate Introduction to Financial Mathematics (3rd edition), J. Robert Buchanan, This textbook provides an introduction to financial mathematics and financial engineering for undergraduate students who have completed a three- or...



Zhao Wei Renmin University of China Press 978.730 brand new genuine assurance Ministry of Education. economics and management core curriculum textbooks: Economic Law study guide (4th edition)(Chinese Edition)

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-05-28 Publisher: China Renmin University Press Note: If you are required qq 794153166 (sending staples bibliography). the number of...



SAS Survival Handbook, Third Edition: The Ultimate Guide to Surviving Anywhere (Paperback)

William Morrow & Company, United States, 2014. Paperback. Condition: New. Revised ed. Language: English. Brand new Book. The ultimate guide to surviving anywhere, now updated with more than 100 pages of additional material, including a new chapter on urban survival "A classic...



The Singer and The Songwriter - Handbook and Workbook: An Idea Book for Songwriters who Like to Sing and for Singers who Like to Write Songs (Paperback)

Createspace Independent Publishing Platform, United States, 2016. Paperback. Condition: New. Sarah Janisse Brown, Anistasia Fitas (illustrator). Workbook. Language: English. Brand new Book. The Singer and The Songwriter - Handbook and Workbook: An Idea Book for Songwriters who Like to Sing and for...



The Article Book: Practice Toward Mastering a, an, and the (Paperback)

The University of Michigan Press, United States, 2000. Paperback. Condition: New. Revised ed. Language: English. Brand new Book. A comprehensive guide and workbook for improving ESL/EFL students' understanding of English articles, The Article Book can be used as either a supplement to...