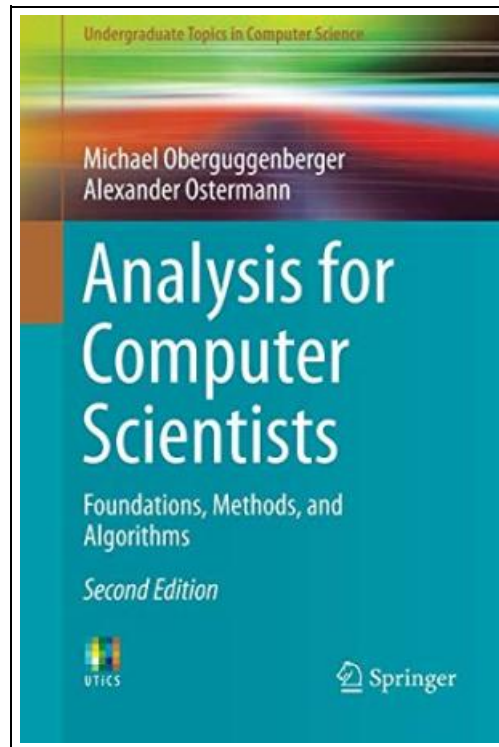


## Analysis for Computer Scientists : Foundations, Methods, and Algorithms



Filesize: 4.18 MB

### **Reviews**

*It is simple in study safer to understand. It can be full of knowledge and wisdom Your way of life span is going to be enhance when you full looking at this book.*

**(Lavina Torp)**

**ANALYSIS FOR COMPUTER SCIENTISTS : FOUNDATIONS, METHODS, AND ALGORITHMS****DOWNLOAD**

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 of computer science students and researchers, this clearly written textbook is an essential resource for undergraduate-level courses on numerical analysis, and an ideal self-study tool for professionals seeking to enhance their analysis skills. 378 pp. Englisch.

[Read Analysis for Computer Scientists : Foundations, Methods, and Algorithms Online](#)[Download PDF Analysis for Computer Scientists : Foundations, Methods, and Algorithms](#)

## Relevant 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...

[Download](#) [eBook](#)

»



### 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...

[Download](#) [eBook](#)

»



### 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...

[Download](#) [eBook](#)

»



### 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...

[Download](#) [eBook](#)

»



### 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...

[Download](#) [eBook](#)

»