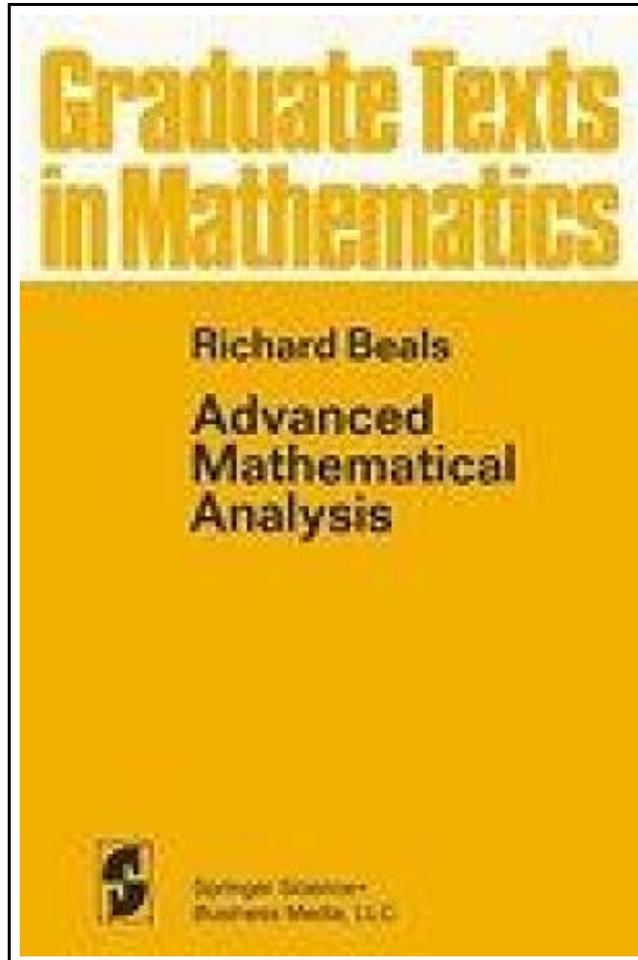# Advanced Mathematical Analysis

Filesize: 7.79 MB

Reviews

Merely no words and phrases to describe. I really could comprehended almost everything using this created e pdf. Your daily life period will be change once you full reading this ebook.
(Mr. Ladarius Stoltenberg)

ADVANCED MATHEMATICAL ANALYSIS

Springer Feb 1974, 1974. Buch. Book Condition: Neu. 235x155x19 mm. This item is printed on demand - Print on Demand Titel. Neuware - One Basis concepts.- 1. Sets and functions.- 2. Real and complex numbers.- 3. Sequences of real and complex numbers.- 4. Series.- 5. Metric spaces.- 6. Compact sets.- 7. Vector spaces.- Two Continuous functions.- 1. Continuity, uniform continuity, and compactness.- 2. Integration of complex-valued functions.- 3. Differentiation of complex-valued functions.- 4. Sequences and series of functions.- 5. Differential equations and the exponential function.- 6. Trigonometric functions and the logarithm.- 7. Functions of two variables.- 8. Some infinitely differentiable functions.- Three Periodic functions and periodic distributions.- 1. Continuous periodic functions.- 2. Smooth periodic functions.- 3. Translation, convolution, and approximation.- 4. The Weierstrass approximation theorems.- 5. Periodic distributions.- 6. Determining the periodic distributions.- 7. Convolution of distributions.- 8. Summary of operations on periodic distributions.- Four Hilbert spaces and Fourier series.- 1. An inner product in , and the space 2.- 2. Hilbert space.- 3. Hilbert spaces of sequences.- 4. Orthonormal bases.- 5. Orthogonal expansions.- 6. Fourier series.- Five Applications of Fourier series.- 1. Fourier series of smooth periodic functions and periodic distributions.- 2. Fourier series, convolutions, and approximation.- 3. The heat equation: distribution solutions.- 4. The heat equation: classical solutions; derivation.- 5. The wave equation.- 6. Laplace's equation and the Dirichlet problem.- Six Complex analysis.- 1. Complex differentiation.- 2. Complex integration.- 3. The Cauchy integral formula.- 4. The local behavior of a holomorphic function.- 5. Isolated singularities.- 6. Rational functions; Laurent expansions; residues.- 7. Holomorphic functions in the unit disc.- Seven The Laplace transform.- 1. Introduction.- 2. The space .- 3. The space .- 4. Characterization of distributions of type .- 5. Laplace transforms of functions.- 6. Laplace transforms of distributions.- 7. Differential equations.- Notes and bibliography.- Notation index. 244...

Read Advanced Mathematical Analysis Online

Download PDF Advanced Mathematical Analysis

You May Also Like

Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

Save eBook »

Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

Save eBook »

Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(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: 2005 Pages: 815 Publisher: the Chinese teenager Shop Books all book....

Save eBook »

Dom's Dragon - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Dom's Dragon - Read it Yourself with Ladybird: Level 2, Mandy Ross, One day, Dom finds a little red egg and soon he is the owner...

Save eBook »

Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Sarah's New World: The Mayflower Adventure 1620 by Colleen L. Reece. Sisters in Time Series book 1. Christian stories for...

Save eBook »

Just So Stories

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 114 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.The Just So Stories for Little Children were written by British author Rudyard

Download Book »

Fox All Week: Level 3 (Paperback)

Penguin Putnam Inc, United States, 2004. Paperback. Book Condition: New. James Marshall (illustrator). Puffin Easy-To-Read ed.. 224 x 147 mm. Language: English . Brand New Book. Using their cache of already published easy-to-read books, Puffin

Download Book »

ESL Stories for Preschool: Book 1 (Paperback)

Createspace, United States, 2013. Paperback. Book Condition: New. 212 x 210 mm. Language: English . Brand New Book ***** Print on Demand *****.A big attractive colourful book for ESL beginners, aged 3 to 5. It

Download Book »

McGraw-Hill Reading Phonics And Phonemic Awareness Practice Book, Grade 3 (2001 Copyright)

McGraw-Hill, 2001. Soft cover. Book Condition: Brand New. Dust Jacket Condition: No Dust Jacket. Brand New 2001 Copyright, Grade 3 Student Phonics And Phonemic Awareness Practice Book With Units 1-6, Unit Reviews, Take-Home Stories, Illustrations

Download Book »

Read Write Inc. Phonics: Grey Set 7 Storybook 1 Rex to the Rescue (Paperback)

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 149 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read

Download Book »