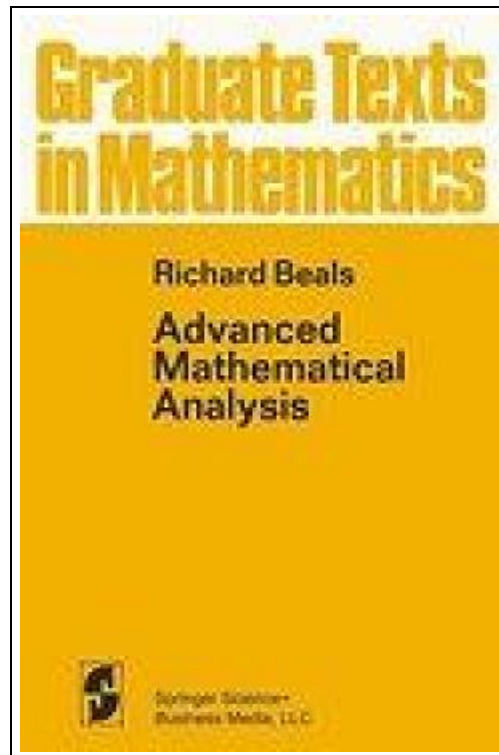# Advanced Mathematical Analysis

Filesize: 9.63 MB

Reviews

Complete manual! Its such a great study. It really is writter in straightforward phrases rather than hard to understand. You are going to like the way the article writer create this publication.

(Ike Fadel)

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

Relevant PDFs

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....

[Download 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...

[Download 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...

[Download eBook »](#)

hc] not to hurt the child's eyes the green read: big fairy 2 [New Genuine(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 :2008-01-01 Pages: 95 Publisher: Jilin Art Shop Books all new book...

[Download eBook »](#)

Kids Word Search Puzzles and Maze Activity Book Vol.2: Let's Learn the Alphabet

2014. PAP. Book Condition: New. New Book. Delivered from our US warehouse in 10 to 14 business days. THIS BOOK IS PRINTED ON DEMAND.Established seller since 2000.

[Download eBook »](#)

What is Love A Kid Friendly Interpretation of 1 John 311, 16-18 1 Corinthians 131-8 13

Teaching Christ's Children Publishing. Paperback. Book Condition: New. Daan Yahya (illustrator). Paperback. 26 pages. Dimensions: 10.0in. x 8.0in. x 0.1in.What is Love is a Bible based picture book that is designed to help children understand
Save Document »

The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2, This is a gentle adaptation of the classic tale by Beatrix Potter. Jemima
Save Document »

Read Write Inc. Phonics: Pink Set 3 Non-Fiction 1 Jay s Clay Pot

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 172 x 88 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books
Save Document »

Dog Cat Poems For Kids Rhyming Books For Children Dog Unicorn Jerks 2 in 1 Compilation Of Volume 2 3 Just Really Big Jerk Series

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 84 pages. Dimensions: 9.0in. x 6.0in. x 0.2in.LIMITED-TIME SPECIAL: Special Bonus Inside! Thats right. . . For a limited time
Save Document »

Read Write Inc. Phonics: Purple Set 2 Storybook 4 Tim and Tom

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 210 x 159 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read
Save Document »