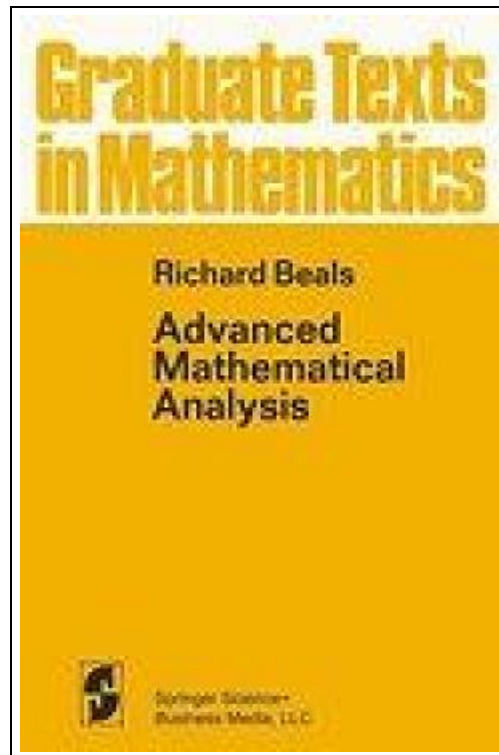


Advanced Mathematical Analysis



Filesize: 2.57 MB

Reviews

This is actually the very best book i actually have read till now. This is for all those who statte that there was not a worth studying. Its been written in an remarkably straightforward way which is merely following i finished reading this publication by which in fact altered me, modify the way i believe.

(Mr. Jeramy Leuschke IV)

ADVANCED MATHEMATICAL ANALYSIS

[DOWNLOAD PDF](#)

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 \mathbb{R}^n and the space \mathbb{R}^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 \mathcal{S}' .- 3. The space \mathcal{S} .- 4. Characterization of distributions of type \mathcal{S}' .- 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](#)

Other Kindle Books



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...

[Read PDF »](#)



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...

[Read PDF »](#)



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...

[Read PDF »](#)



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...

[Read PDF »](#)



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.

[Read PDF »](#)