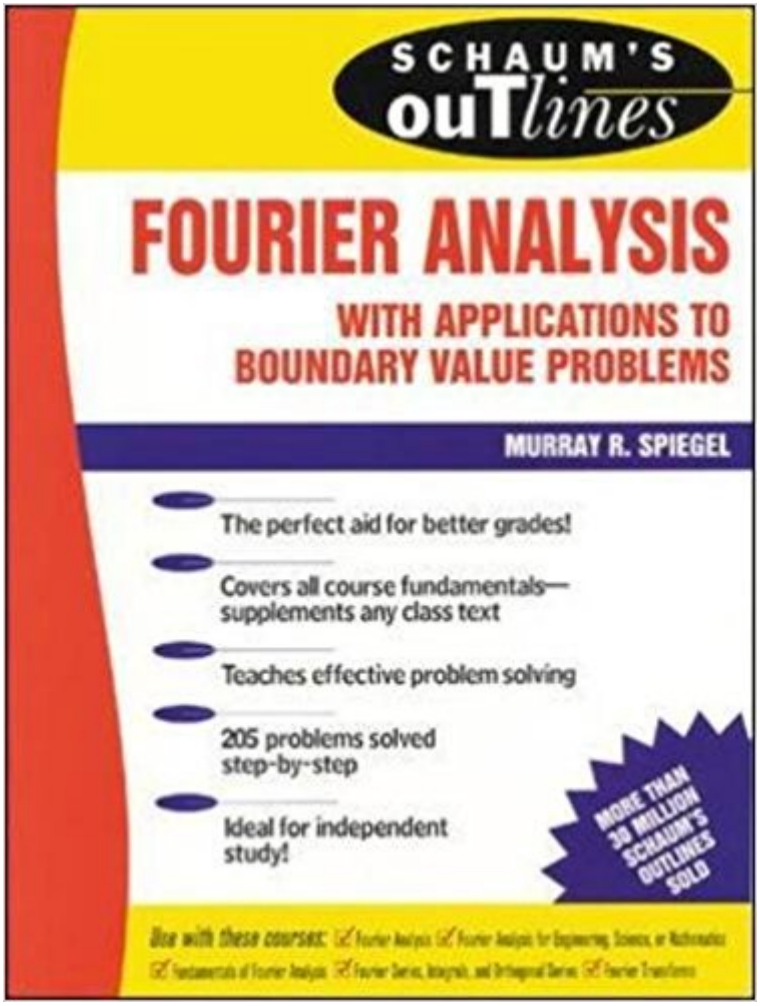
Schaum's Outline Of Fourier Analysis With Applications To Boundary Value Problems



Synopsis

Confusing Textbooks? Missed Lectures? Not Enough Time? Fortunately for you, there's Schaum's Outlines. More than 40 million students have trusted Schaum's to help them succeed in the classroom and on exams. Schaum's is the key to faster learning and higher grades in every subject. Each Outline presents all the essential course information in an easy-to-follow, topic-by-topic format. You also get hundreds of examples, solved problems, and practice exercises to test your skills. This Schaum's Outline gives you Practice problems with full explanations that reinforce knowledge Coverage of the most up-to-date developments in your course field In-depth review of practices and applications Fully compatible with your classroom text, Schaum's highlights all the important facts you need to know. Use Schaum's to shorten your study time-and get your best test scores! Schaum's Outlines-Problem Solved.

Book Information

Series: Schaum's Outlines

Paperback: 208 pages

Publisher: McGraw-Hill Education; 1 edition (March 22, 1974)

Language: English

ISBN-10: 0070602190

ISBN-13: 978-0070602199

Product Dimensions: 8.4 x 0.5 x 10.9 inches

Shipping Weight: 9.6 ounces (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 18 customer reviews

Best Sellers Rank: #505,947 in Books (See Top 100 in Books) #28 inÃ Â Books > Science & Math > Mathematics > Infinity #297 inÃ Â Books > Science & Math > Mathematics > Applied > Differential Equations #822 inÃ Â Books > Textbooks > Science & Mathematics > Mathematics > Calculus

Customer Reviews

The Late MURRAY R. SPIEGEl received the M.S degree in Physics and the Ph.D. in Mathematics from Cornell University. He had positions at Harvard University, Columbia University, Oak Ridge and Rensselaer Polytechnic Insitute, and served as a mathematical consultant at several large Companies. His last Position was professor and Chairman of mathematics at the Rensselaer Polytechnic Institute Hartford Graduate Center. He was interested in most branches of mathematics at the Rensselaer polytechnic Institute, Hartford Graduate Center. He was interested in most

branches of mathematics, especially those which involve applications to physics and engineering problems. He was the author of numerous journal articles and 14 books on various topics in mathematics.

This book helps the student teaching by example how to solve differential and integral and therefore difference equations in Hilbert spaces with rectilinear coordinate systems. This is its primary focus. For a given problem or related problem set, one needs to learn which type of transform or integral kernel to use; the resultant families of characteristic polynomials and characteristic special functions typify different kinds of problems and problem spaces ...Not much time is spent on cylindrical and spherical coordinate systems; doing so would undermine the effectiveness of using Hilbert space proofs of existence and piecewise continuity of solvable system's solution functions! But given that one can define spherical space theories a la Hilbert spaces mutatis mutandis which have different sets of forbidden pathological functions to the ones forbidden in Hilbert space theory, and therefore different general convergence boundary paradoxes, it behoves one to admit that these topics may be too advanced for physics and engineering students who after all are merely interested in practical matters. Projective geometry differential geometry the calculus of variations and Riemannian manifold theory all offer other approaches that suit a few problems for which one must find another textbook ...Hilbert spaces overly depend on every function has a rule and y = f(x) two dimensional thinking. But this limitation also is the source of powerful results that are so effective in the physical sciences that many base their faith in the meaningfulness and validity of these applied mathematical results ontologically and scientifically.Surprisingly it does not cover the fast Fourier transform, now used all over computer science ...A classic. Recommended.

Excellent refresher from my college engineering days. My college text book was not complete enough with examples completely worked out.

product as expected quick transaction

As described

I like all my Schaum's outlines! They are my best references. They are the first thing I look at when referencing any subject. Get one for any class they have it for.

good deal

as expected

I was looking for a good introductory text to Fourier series and transforms. There are some nicely worked out problems and proofs but this is definitely not an introductory text. For free you can watch Osgood's lectures on Fourier Analysis from Stanford Engineering on You-Tube. The lecture notes are also available as a download from the Stanford website. Please save your money and start there.

Schaum's Outline of Fourier Analysis with Applications to Boundary Value Problems Schaum's Outline of Thermodynamics With Chemical Applications (Schaum's Outline Series) Schaum's Outline of Mathematics of Finance (Schaum's Outline Series) Schaum's Outline of Probability, Random Variables, and Random Processes, Second Edition (Schaum's Outline Series) Schaum's Outline of Linear Algebra Fourth Edition (Schaum's Outline Series) Schaum's Outline of Electromagnetics, Third Edition (Schaum's Outline Series) Applied Partial Differential Equations with Fourier Series and Boundary Value Problems (5th Edition) (Featured Titles for Partial Differential Equations) Applied Partial Differential Equations: With Fourier Series and Boundary Value Problems, 4th Edition Fourier Series, Transforms, and Boundary Value Problems: Second Edition (Dover Books on Mathematics) Fourier Series and Boundary Value Problems (Brown and Churchill) Partial Differential Equations with Fourier Series and Boundary Value Problems (2nd Edition) Schaum's Outline of Calculus, 6th Edition: 1,105 Solved Problems + 30 Videos (Schaum's Outlines) Schaum's Outline of Linear Algebra, 5th Edition: 612 Solved Problems + 25 Videos (Schaum's Outlines) Schaum's Outline of Geometry, 5th Edition: 665 Solved Problems + 25 Videos (Schaum's Outlines) Schaum's Outline of Trigonometry, 5th Edition: 618 Solved Problems + 20 Videos (Schaum's Outlines) Schaum's Outline of Theory and Problems of Physics for Engineering and Science (Schaum's Outlines) Schaum's Outline of Basic Circuit Analysis, Second Edition (Schaum's Outlines) Schaum's Outline of Managerial Accounting, 2nd Edition (Schaum's Outlines) Schaum's Outline of Business Statistics, Fourth Edition (Schaum's Outlines) Schaum's Outline of Statistics and Econometrics, Second Edition (Schaum's Outlines)

Privacy

FAQ & Help