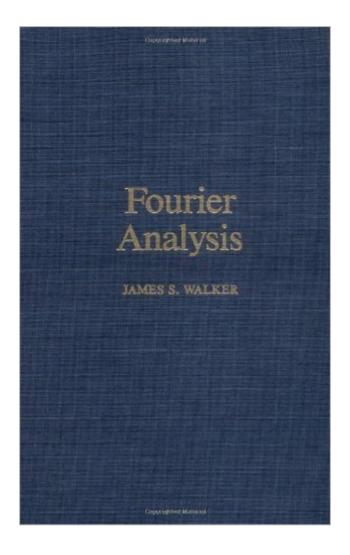
The book was found

Fourier Analysis





Synopsis

Fourier analysis is a mathematical technique for decomposing a signal into identifiable components. It is used in the study of all types of waves. This book explains the basic mathematical theory and some of the principal applications of Fourier analysis in areas ranging from sound and vibration to optics and CAT scanning. The author provides in-depth coverage of the techniques and includes exercises that demonstrate straightforward applications of formulas as well as more complex problems.

Book Information

Hardcover: 440 pages

Publisher: Oxford University Press; 1 edition (July 14, 1988)

Language: English

ISBN-10: 0195043006

ISBN-13: 978-0195043006

Product Dimensions: 6.4 x 1.2 x 9.6 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars Â See all reviews (2 customer reviews)

Best Sellers Rank: #1,928,344 in Books (See Top 100 in Books) #119 in Books > Science &

Math > Mathematics > Infinity #1406 in Books > Science & Math > Physics > Mathematical

Physics #1598 in Books > Science & Math > Mathematics > Mathematical Analysis

Customer Reviews

Fourier Analysis book by James Walker is one of the finest books I have read thusfar on Fourier's work. It is well written and supplemented with examples with aprofound explanation. I have read and worked through many books on Forurier series and transforms but have not found any book that does as well as that by Walker. This book is unique and should serve as excellent source of information for people in mathand physics.

I think it is a great book for studying the subject. A little theoritical for engineering but it's ok. I consider it pretty good for figuring out several subjects of Fourier analysis. Unfortunately it is weak in generalized Fourier analysis with the delta function.

Download to continue reading...

Schaum's Outline of Fourier Analysis with Applications to Boundary Value Problems A First Course

in Fourier Analysis Harmonic Analysis: From Fourier to Wavelets (Student Mathematical Library)
Fourier Analysis, Self-Adjointness (Methods of Modern Mathematical Physics, Vol. 2) A First Course
in Wavelets with Fourier Analysis Fourier Integrals in Classical Analysis (Cambridge Tracts in
Mathematics) Fourier Analysis and Its Applications (Pure and Applied Undergraduate Texts) Fourier
Analysis on Number Fields (Graduate Texts in Mathematics) (v. 186) First Course in Fourier
Analysis, A Fourier Analysis (Graduate Studies in Mathematics) Fourier Analysis Schaum's Outline
of Fourier Analysis with Applications to Boundary Value Problems (Schaum's Outlines) Applied
Fourier Analysis (Harcourt Brace Jovanovich College Outline Series) Handbook of Fourier
Transform Raman and Infrared Spectra of Polymers, Volume 45 (Physical Sciences Data) 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 and Boundary Value Problems
(Brown and Churchill) An introduction to nonharmonic Fourier series, Volume 93 (Pure and Applied
Mathematics) Fourier Series and Boundary Value Problems An Introduction to Laplace Transforms
and Fourier Series (Springer Undergraduate Mathematics Series)

Dmca