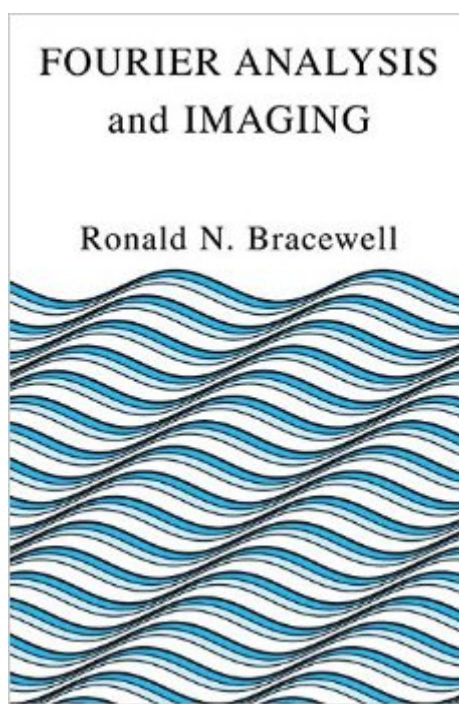


The book was found

# Fourier Analysis And Imaging



## Synopsis

As Lord Kelvin said, "Fourier's theorem is not only one of the most beautiful results of modern analysis, but it may be said to furnish an indispensable instrument in the treatment of nearly every recondite question in modern physics." This has remained durable knowledge for a century, and has extended its applicability to topics as diverse as medical imaging (CT scanning), the presentation of images on screens and their digital transmission, remote sensing, geophysical exploration, and many branches of engineering. Fourier Analysis and Imaging is based on years of teaching a course on the Fourier Transform at the senior or early graduate level, as well as on Prof. Bracewell's 1995 text Two-Dimensional Imaging. It is an excellent textbook and will also be a welcome addition to the reference library of those many professionals whose daily activities involve Fourier analysis in its many guises.

## Book Information

Hardcover: 689 pages

Publisher: Springer; 2003 edition (January 31, 2004)

Language: English

ISBN-10: 0306481871

ISBN-13: 978-0306481871

Product Dimensions: 7 x 1.5 x 10 inches

Shipping Weight: 2.9 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #751,592 in Books (See Top 100 in Books) #184 in Books > Science & Math > Chemistry > Analytic #190 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Biochemistry #490 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Diagnosis

[Download to continue reading...](#)

Fourier Analysis and Imaging Fourier Series (Dover Books on Mathematics) Ethical and Legal Issues for Imaging Professionals, 2e (Towsley-Cook, Ethical and Legal Issues for Imaging Professionals) Principles of Radiographic Imaging: An Art and A Science (Carlton, Principles of Radiographic Imaging) Radiographic Imaging and Exposure, 4e (Fauber, Radiographic Imaging & Exposure) Diagnostic Imaging: Head and Neck: Published by Amirsys (Diagnostic Imaging (Lippincott)) The Filmmaker's Guide to Digital Imaging: for Cinematographers, Digital Imaging Technicians, and Camera Assistants Scanning Transmission Electron Microscopy: Imaging and

Analysis Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Scanning Transmission Electron Microscopy of Nanomaterials: Basics of Imaging Analysis Mastering Digital Black and White: A Photographer's Guide to High Quality Black-and-White Imaging and Printing (Digital Process and Print) Introduction to Radiologic and Imaging Sciences and Patient Care, 6e Digital Imaging and Communications in Medicine (DICOM): A Practical Introduction and Survival Guide Personal Umbrella Coverage Guide - Interpretation and Analysis: Interpretation and Analysis Unsupervised Machine Learning in Python: Master Data Science and Machine Learning with Cluster Analysis, Gaussian Mixture Models, and Principal Components Analysis Visual Population Codes: Toward a Common Multivariate Framework for Cell Recording and Functional Imaging (Computational Neuroscience Series) Advances in Imaging and Electron Physics, Volume 158 Fundamentals of Light Microscopy and Electronic Imaging Quantitative Phase Imaging of Cells and Tissues (McGraw-Hill Biophotonics) Imaging of the Foot and Ankle

[Dmca](#)