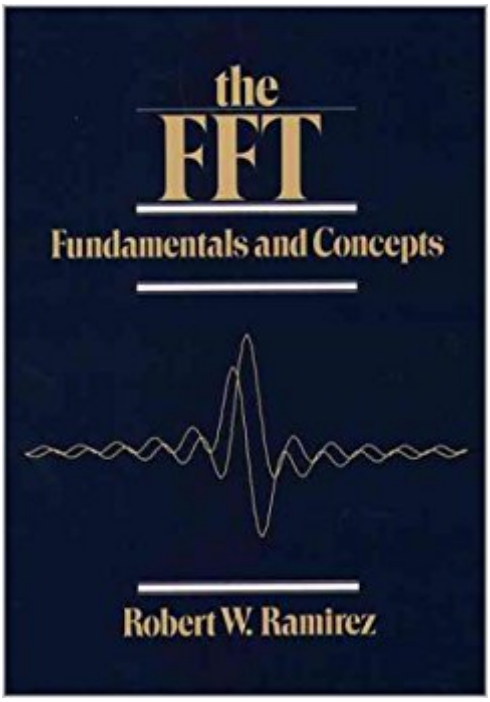
Ebook Directory
the best source of ebook

The book was found

The FFT: Fundamentals And Concepts



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

Simple and concise discussion of both Fourier Theory and the FFT (fast fourier transform) are provided.

Book Information

Hardcover: 192 pages

Publisher: Prentice Hall PTR; First Edition edition (September 1, 1984)

Language: English

ISBN-10: 0133143864

ISBN-13: 978-0133143867

Product Dimensions: 9.6 x 7.2 x 0.6 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: 3.1 out of 5 stars 4 customer reviews

Best Sellers Rank: #1,419,244 in Books (See Top 100 in Books) #92 inÃ Â Books > Science & Math > Mathematics > Infinity #4107 inÃ Â Books > Computers & Technology > Networking & Cloud Computing > Internet, Groupware, & Telecommunications #4186 inÃ Â Books > Engineering & Transportation > Engineering > Telecommunications & Sensors

Customer Reviews

Simple and concise discussion of both Fourier Theory and the FFT (fast fourier transform) are provided. Math is held to a minimum: concepts are illustrated in detail with over 100 drawings and waveform photographs. For jr/sr or grad level courses in Signal Processing or courses on Fourier Analysis in Electrical Engineering and Electronic Technology departments.

This book would have been the ultimate FFT handbook if it weren't for some of the worse copyediting I've ever seen in print. Critical equations are completely screwed up, leaving any student new to the material utterly confused and misled. The publisher really screwed the author on this one.

Of the half-shelf of books in my library related to signal processing, this one by Ramirez is part of a highly valued subset. The author achieves an artful balance of the theoretical with the practical. Given that my emphasis is on applying the principles of FFT processing in a manufacturing environment, his approach proved quite helpful.Throughout the book, basic concepts are initially presented within a mathematical context. Subsequently, they are reinforced with examples. Often,

hardcopies of traces from a signal processor's monitor are provided--these are effective in driving home key points.After reading this book over two days' time, I was left wishing to see a companion volume that adds more on real-life problem solving, plus material on advanced techniques (e.g., cepstrum). This thirst for more knowledge says a lot for the way in which Ramirez motivates.

This book is a great way to realize that theoretical murmurings can mature into intuitive processes that can be used as guides to self-check new ideas. While FFT theory is necessary, if you like that kind of thing, a good grasp of what may be accomplished is often left out or buried. This book provides a great way to get perspective on rigorous frequency domain textbook theory and make the necessary textbook search for detail much more meaningful. I highly recommend this book for anyone who has to deal with signal processing.

Too simplistic. Perhaps good for newbies. But anyway thereare better books on FFT, e.g. Brigham. This one is not forprofessionals! You've been warned. For beginners I would recommend books by Zonst. They are much more to the point.And cheaper! Thanks god I didn't buy it myself!

Download to continue reading...

The FFT: Fundamentals and Concepts Inside the FFT Black Box: Serial and Parallel Fast Fourier Transform Algorithms (Computational Mathematics) Understanding FFT Applications, Second Edition Chirelstein's Federal Income Taxation: A Law Student's Guide to the Leading Cases and Concepts (Concepts and Insights) (Concepts and Insights Series) Plastic Injection Molding: Mold Design and Construction Fundamentals (Fundamentals of Injection Molding) (2673) (Fundamentals of injection molding series) Plastic Injection Molding: Product Design & Material Selection Fundamentals (Vol II: Fundamentals of Injection Molding) (Fundamentals of injection molding series) Abraham's the Forms and Functions of Tort Law: An Analytical Primer on Cases and Concepts (2nd Edition) (Concepts and Insights Series) Concepts and Case Analysis in the Law of Contracts (Concepts and Insights) Fundamental Nursing Skills and Concepts (Timby, Fundamnetal Nursing Skills and Concepts) Federal Income Taxation, 12th (Concepts & Insights) (Concepts and Insights) Wiley CPAexcel Exam Review April 2017 Study Guide: Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Wiley CPAexcel Exam Review 2015 Study Guide (January): Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Wiley CPAexcel Exam Review 2016 Study Guide January: Business Environment and Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Wiley CPAexcel Exam Review 2015 Study Guide July: Business Environment and

Concepts (Wiley Cpa Exam Review Business Environment & Concepts) Professional Nursing: Concepts & Challenges, 7e (Professional Nursing; Concepts and Challenges) Home Care Nursing Practice: Concepts and Application, 4e (Home Health Nursing Practice: Concepts & Appl (Rice)) McDougal Littell Algebra 1: Concepts and Skills (Algebra 1: Concepts & Skills) Geometry: Concepts and Applications, Practice Workbook (GEOMETRY: CONCEPTS & APPLIC) Geometry: Concepts & Skills, Grade 10: Notetaking Guide (Geometry: Concepts and Skills) Master Your Human Resource Management Concepts: Essential PMPÃ Â® Concepts Simplified (Ace Your PMPÃ Â® Exam Book 8)

Contact Us

DMCA

Privacy

FAQ & Help