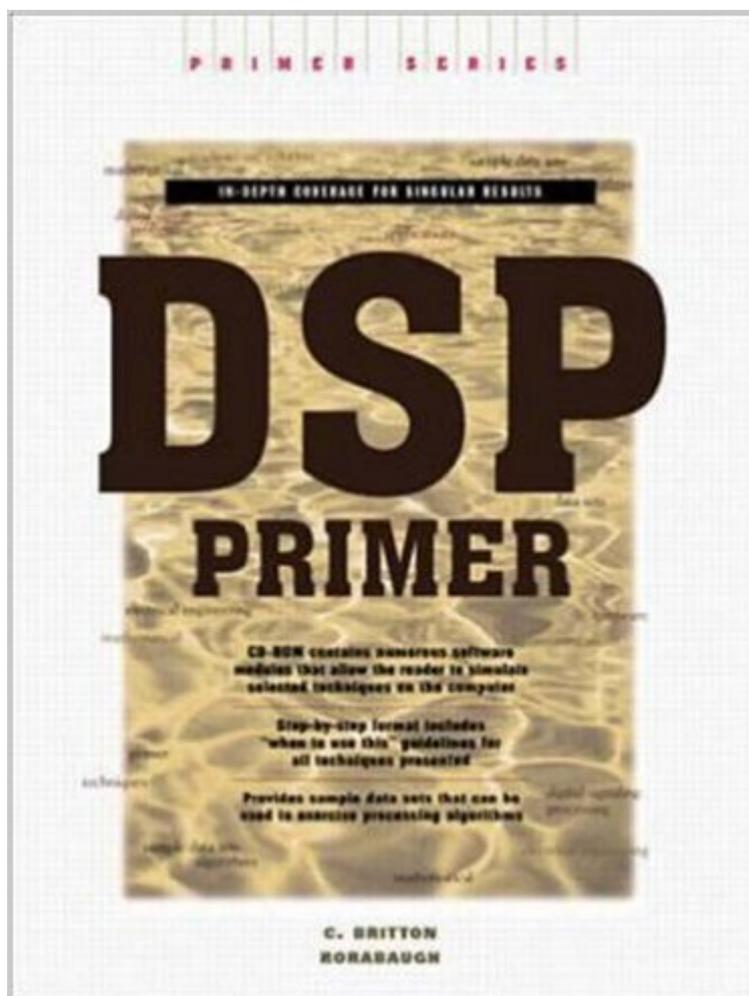


The book was found

# DSP Primer



## Synopsis

For day-to-day digital signal processing, you simply can't find a better source than DSP Primer. After a concise statement of the applicable theory, this clear, practical book/CD package hands you ready-to-apply tools that cover the vast majority of digital signal processing deployment challenges. You get more than 200 useful algorithms, mathematical models, and design procedures; code in both executable Windows and source forms; and a step-by-step approach to solving problems and selecting techniques. DSP Primer covers digital filtering methods, discrete transform techniques, digital spectra analysis, multirate and statistical signal processing, adaptive filtering, speech processing, and much more. The CD-ROM gives you C++ programs for immediately testing new techniques, a library of C++ classes ready for integration into your own applications, and sample data for algorithm evaluation and demonstration. With hands-on solutions for common problems, DSP Primer is the toolkit of choice for the most explosively growing area of electrical engineering.

## Book Information

Series: Primer Series

Hardcover: 560 pages

Publisher: McGraw-Hill Professional; 1 edition (October 1, 1998)

Language: English

ISBN-10: 0070540047

ISBN-13: 978-0070540040

Product Dimensions: 7.5 x 1.7 x 9.4 inches

Shipping Weight: 2.8 pounds

Average Customer Review: 4.7 out of 5 stars [See all reviews](#) (3 customer reviews)

Best Sellers Rank: #2,550,922 in Books (See Top 100 in Books) #88 in [Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > DSPs](#) #718 in [Books > Textbooks > Engineering > Electrical & Electronic Engineering](#) #2137 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits](#)

## Customer Reviews

This is a very good book on DSP area. I can say, this is the best one I read on DSP books so far. First, The basic concepts and principles are clearly explained. Second, the book contains comprehensive contents. Besides traditional DSP contents such as linear system, classic analog filter and digital filters (IIR, FIR), DFT, FFT and multirate signal processing, it covers many modern DSP processing techniques such as parametric models of random processes, linear prediction,

adaptive filter, classic and modern spectral estimation, speech processing, etc. Finally, the book gives many examples and computer source codes for implementation of some important DSP techniques such as AR and linear prediction, IIR and FIR filters, etc. It makes reader to master both DSP theoretic knowledges and some practical processing ability.

Okay, what does that mean? There are the classics - Oppenheimer, Antoniou (all math, little code). At the other end of the scale is this book. I still need it 2-5 times a year. Middle ground is the Embree book - combo of theory and code. I find stuff in this book (and code), which is not covered anywhere. DSP folks - add this to your collection. It cost me \$100 bucks at the time I bought it. For \$25 - you are getting a steal.

Good primer and review book.

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

DSP without math: A brief introduction to DSP  
The Art of DSP: An innovative introduction to DSP  
DSP Primer  
Primer of Biostatistics, Seventh Edition (Primer of Biostatistics (Glantz)(Paperback))  
Primer Diario Nana: Mi primer Diario de Susana (Volume 2) (Spanish Edition)  
Primer on the Rheumatic Diseases (Primer on Rheumatic Diseases (Klippel))  
Primer Diario Rosy: mi primer Diario (Volume 1) (Spanish Edition)  
Think DSP: Digital Signal Processing in Python  
Active Noise Control Systems: Algorithms and DSP Implementations (Wiley Series in Telecommunications and Signal Processing)  
DSP First: A Multimedia Approach  
DSP Software Development Techniques for Embedded and Real-Time Systems (Embedded Technology)  
DSP Processor Fundamentals: Architectures and Features  
Advanced Mathematics for FPGA and DSP Programmers  
Communication System Design Using DSP Algorithms: With Laboratory Experiments for the TMS320C6701 and TMS320C6711 (Information Technology: Transmission, Processing and Storage)  
C Algorithms for Real-Time DSP Communications Receivers: DSP, Software Radios, and Design  
DSP Architecture Design Essentials (Electrical Engineering Essentials)  
Embedded DSP Processor Design, : Application Specific Instruction Set Processors (Systems on Silicon)  
Advanced Mathematics for FPGA and DSP Programmers: Conquering Fixed-Point Pitfalls  
Communication System Design Using DSP Algorithms: With Laboratory Experiments for the TMS320C6713TM DSK (Information Technology: Transmission, Processing and Storage)

[Dmca](#)