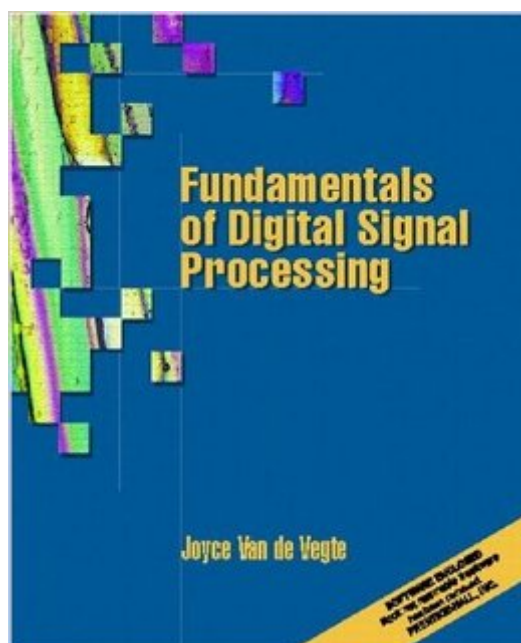


The book was found

# Fundamentals Of Digital Signal Processing



## Synopsis

This professional reference provides thorough coverage of digital signal processing techniques and all essential theory—extensively supported by examples, but not dependent on calculus. Motivated learners (even those several years out of school) will be able to master the major DSP methods presented here with step-by-step explanations. The book contains a variety of interesting and in-depth DSP explorations to help establish the link between theory and practice—and give readers a sense of how DSP is used, and an introduction to hardware and software for digital signal processors. For Electrical and Electronics Engineers, Electronics Technologists, Electronics Engineering Technologists, Computer Engineering Technologists, and Researchers.

## Book Information

Paperback: 810 pages

Publisher: Pearson (June 24, 2001)

Language: English

ISBN-10: 0130160776

ISBN-13: 978-0130160775

Product Dimensions: 7.5 x 1.8 x 9.1 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 3.6 out of 5 stars— See all reviews (12 customer reviews)

Best Sellers Rank: #889,395 in Books (See Top 100 in Books) #36 in Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > DSPs #147 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Signal Processing #323 in Books > Education & Teaching > Schools & Teaching > Counseling > Career Development

## Customer Reviews

I recently took my first DSP class and it was taught by none other than Joyce Van de Vegte herself using this text. DSP has some fairly difficult concepts, but this text explains them very well. Joyce is an excellent instructor, and I find the book is written in the exact same way that she explains them in class. Concepts are explained only as technically as necessary. This makes the text much easier to read and understand the first time around and most technical texts fail in this area.

I recently took my first DSP class and it was taught by none other than Joyce Van de Vegte herself using this text. DSP has some fairly difficult concepts, but this text explains them very well. Joyce is

an excellent instructor, and I find the book is written in the exact same way that she explains them in class. Concepts are explained only as technically as necessary. This makes the text much easier to read and understand the first time around and most technical texts fail in this area.

Good book, if you are into digital signal processing. I came in very handy for my class. Uses MATLAB for its examples when coding to plot. However, it does not include any code to show you how they were able to get the plot.

This text is very reader friendly. I have used this book in college and enjoyed it because of the fact that it is very clear and provides many illustrative examples to clarify certain concepts. I do agree with one reviewer in that its too bad it does not have solutions to the end of chapter problems, and for that I give it 4 stars instead of 5. If you want to get a clear concept and understanding of DSP without the complicated and exhaustive mathematics from other books, then purchase this one and keep it in your personal library.

It is really a fantastic book for an UG student. I do not read the book as I depend on lectures to get introduced to the material. However, the provided examples are intuitive, comprehensive and clear.

Most engineering books of mine are written by someone who speaks English as a third or fourth language. This book is readable, understandable and worth the money.

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

Multidimensional Digital Signal Processing (Prentice-Hall Signal Processing Series) Digital Signal Processing with Examples in MATLAB®<sup>®</sup>, Second Edition (Electrical Engineering & Applied Signal Processing Series) Digital Signal Processing: with Selected Topics: Adaptive Systems, Time-Frequency Analysis, Sparse Signal Processing Bayesian Signal Processing: Classical, Modern and Particle Filtering Methods (Adaptive and Cognitive Dynamic Systems: Signal Processing, Learning, Communications and Control) Discrete-Time Signal Processing (3rd Edition) (Prentice-Hall Signal Processing Series) Signal Processing Algorithms in Fortran and C (Prentice-Hall Signal Processing Series) LabVIEW Digital Signal Processing: and Digital Communications Fundamentals of Digital Signal Processing Digital Signal Processing: Fundamentals and Applications Fundamentals of Digital Signal Processing Using MATLAB Digital Signal Processing, Second Edition: Fundamentals and Applications Biosignal and Medical Image Processing (Signal Processing and Communications) Speech and Audio Signal Processing:

Processing and Perception of Speech and Music Handbook of Neural Networks for Speech  
Processing (Artech House Signal Processing Library) Prentice hall literature (common core edition)  
(teachers edition grade 6) (Prentice Hall and Texas Instruments Digital Signal Processing Series)  
The Scientist & Engineer's Guide to Digital Signal Processing Schaums Outline of Digital Signal  
Processing, 2nd Edition (Schaum's Outlines) Think DSP: Digital Signal Processing in Python VLSI  
Digital Signal Processing Systems: Design and Implementation Digital Signal Processing and the  
Microcontroller

[Dmca](#)