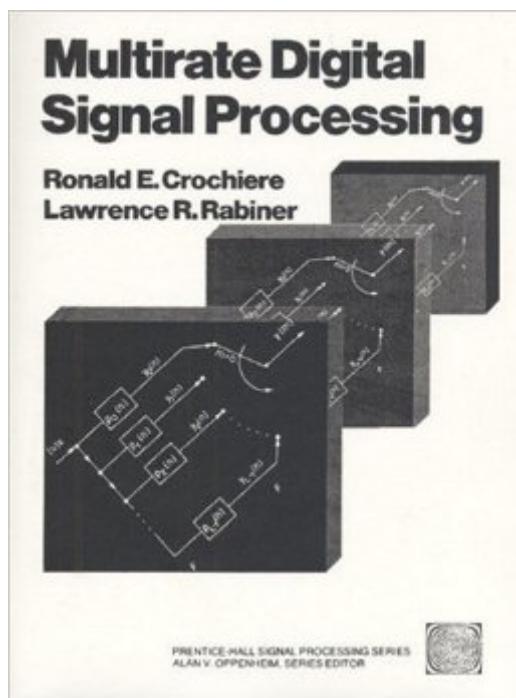


The book was found

# Multirate Digital Signal Processing



## **Synopsis**

Intended for a one-semester advanced graduate course in digital signal processing or as a reference for practicing engineers and researchers.

## **Book Information**

Paperback: 411 pages

Publisher: Pearson; 1 edition (March 21, 1983)

Language: English

ISBN-10: 0136051626

ISBN-13: 978-0136051626

Product Dimensions: 7 x 0.8 x 9 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 starsÂ  See all reviewsÂ  (5 customer reviews)

Best Sellers Rank: #866,321 in Books (See Top 100 in Books) #34 inÂ  Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > DSPs #145 inÂ  Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Signal Processing #718 inÂ  Books > Engineering & Transportation > Engineering > Electrical & Electronics > Circuits

## **Customer Reviews**

I purchased this book when it first came out. (Yes I am dating myself with that remark!) The book is a classic and will always be timeless. As the publisher stated, this is a graduate level text book. I used it for self-study and solving real-world DSP problems. It worked well for me. Look for a green hardcover copy. Prentice-Hall Signal Processing Series, ISBN 0-13-605162-6

As seen on another site...From the PublisherThis title is no longer being mass-produced. It is now being printed on demand by the publisher. While this process keeps information readily available, the print quality of these books is generally that of a copier and not of a normal book. This is a copy of the original book.

If someone wants to know about this topic, probably it is the first book that he or she should refer to; A collection of original works on this topic, that up to the time of publication, have been done. One has the chance to know about many aspects of this topic as they're presented in original papers. However, the book is not very attractive for self-study, and one needs to refer to the other references for not to restrict him/herself, to the methods described in this book. (e.g. There is more

emphasis on the time domain analysis than frequency domain analysis through out the book.)

This book is a classic text for multi-rate signal processing. I recently picked it up to study the filter bank theory and found that the derivation was very clear. Although some of the material in the book is a bit dated, and there have been advancements in the field not included in this book, it is still a great reference to understanding the basics of multi-rate signal processing. I especially enjoy how the author keeps tabs on hardware implementation efficiency. I recommend this book.

This book is a very good starting point for multirate systems. It seems to be keep its place in the classical sources. Rate conversion is explained very clearly. It also addresses selected references for fundamental subjects.

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

Multirate Digital Signal Processing Multidimensional Digital Signal Processing (Prentice-Hall Signal Processing Series) Digital Signal Processing with Examples in MATLAB®, 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 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 Digital Signal Processing 4th Edition Understanding Digital Signal Processing (3rd Edition) Applied Digital Signal Processing: Theory and Practice

[Dmca](#)