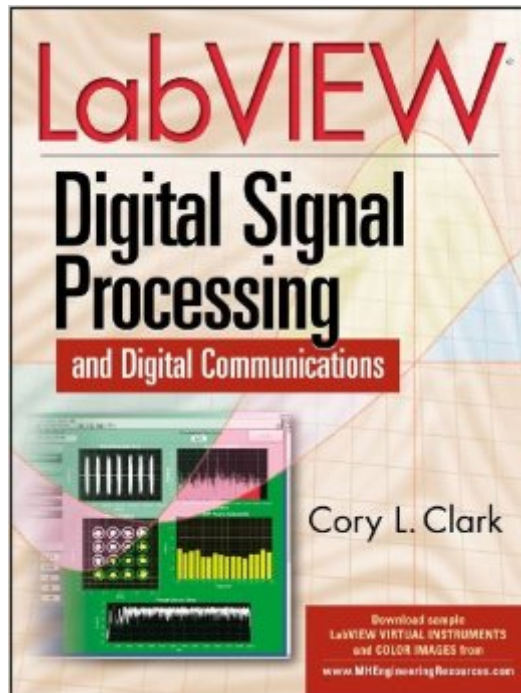


The book was found

# LabVIEW Digital Signal Processing: And Digital Communications



## Synopsis

LabVIEW Digital Signal Processing teaches engineers how to use the graphical programming language to create virtual instruments to handle to most sophisticated DSP applications. From basic filters to complex sampling mechanisms to signal generators, LabVIEW virtual instruments (VIs) can make DSP work faster and much less expensive – a particular boon to the many engineers working on cutting edge communications systems.

## Book Information

Hardcover: 205 pages

Publisher: McGraw-Hill Education; 1 edition (May 27, 2005)

Language: English

ISBN-10: 0071444920

ISBN-13: 978-0071444927

Product Dimensions: 7.3 x 0.8 x 9.4 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 3.3 out of 5 stars – See all reviews (3 customer reviews)

Best Sellers Rank: #2,724,177 in Books (See Top 100 in Books) #93 in Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > DSPs #721 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Microelectronics #793 in Books > Textbooks > Computer Science > Object-Oriented Software Design

## Customer Reviews

LabView is a lovely and powerful tool for any student who needs to use DSP. It implements a virtual work bench of standard electronic instrumentation. The text shows how the software offers an intuitive user interface, with many icons and menu options. These let you easily construct a digital filter, using a drag and drop approach to assembling the various components. Having done so, you can drive the circuit with input functions. While also being able to look at the current or voltage versus time at any point in the circuit, and not just at the output. Plus, of course, many filter operations are available. For finding the power spectrum, or doing advanced IIR or FIR filtering. The book does not attempt to delve into the theory of the various filters. But assuming that you already have that background, it shows how LabView lets you apply that knowledge.

I went through couple of chapters of the book and was amazed what a great job the author had

done to explain some of the application using labview as well as dsp/digital communication theory. Especially some of examples and solutions he put together helped me understand some stuff which seem too hard to grasp. I recommend this book not only because it shows how to use labview in dsp and digital communication application, but also its elegant writing.

this book is soooo sophisticated and not educational style at all, the author is speaking to himself may be. to make it simple, this book is not a beginner wants to learn how desin a filter with labview.

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

LabVIEW Digital Signal Processing: and Digital Communications Bayesian Signal Processing: Classical, Modern and Particle Filtering Methods (Adaptive and Cognitive Dynamic Systems: Signal Processing, Learning, Communications and Control) 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 Biosignal and Medical Image Processing (Signal Processing and Communications) Signal Processing Algorithms in Fortran and C (Prentice-Hall Signal Processing Series) Discrete-Time Signal Processing (3rd Edition) (Prentice-Hall Signal Processing Series) Digital Signal Processing in Communications Systems Digital Signal Processing Technology: Essentials of the Communications Revolution Speech and Audio Signal Processing: Processing and Perception of Speech and Music Handbook of Neural Networks for Speech Processing (Artech House Signal Processing Library) Interfacing LabVIEW and Arduino using LINX: Learn in a day Programming Arduino with LabVIEW A Software Engineering Approach to LabVIEW Applications of Digital Signal Processing to Audio and Acoustics (The Springer International Series in Engineering and Computer Science) Image Sensors and Signal Processing for Digital Still Cameras (Optical Science and Engineering) Prentice hall literature (common core edition) (teachers edition grade 6) (Prentice Hall and Texas Instruments Digital Signal Processing Series) VLSI Digital Signal Processing Systems: Design and Implementation Digital Signal Processing and the Microcontroller

[Dmca](#)