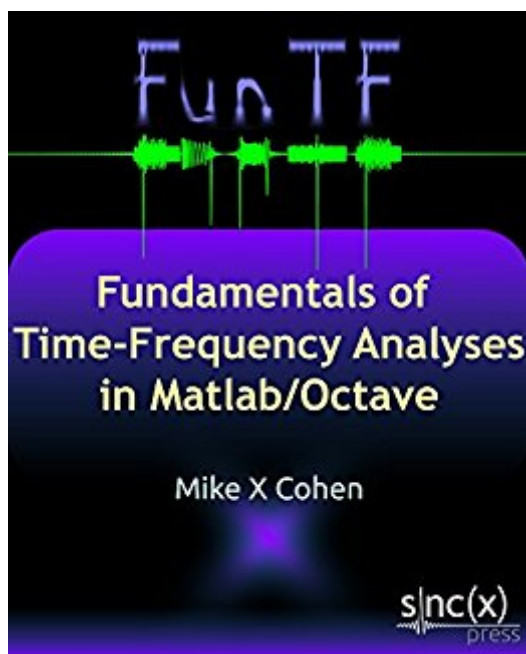


The book was found

Fundamentals Of Time-Frequency Analyses In Matlab/Octave



Synopsis

Time-frequency analyses are critical for characterizing and understanding systems in many areas of science and engineering. This low-cost book focuses on practical implementations of the analyses in Matlab/Octave. The book explains time-frequency analyses through written explanations and many figures, rather than through opaque mathematical equations. Each of 120 figures in the book corresponds to Matlab code that is available in the book and online (sincxpress.com), and can be run, inspected, and modified on any computer. By reading this book and working through the exercises, the reader will gain the knowledge and skills to apply frequency and time-frequency analyses to simulated and to real data. The book also includes introductions to non-frequency-dependent time series analyses including stationarity and de-noising. Note that you do not need to own a kindle device to read this book. There are free kindle apps for windows/mac/linux, and for smartphones, tablets, etc. You can even read it from a web browser at read..com.

Book Information

File Size: 3980 KB

Print Length: 207 pages

Simultaneous Device Usage: Unlimited

Publisher: sinc(x) Press; 1 edition (August 20, 2014)

Publication Date: August 20, 2014

Sold by:Â Digital Services LLC

Language: English

ASIN: B00MX4ZZ88

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #521,673 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #132

inÂ Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Signal

Processing #511 inÂ Books > Computers & Technology > Software > Mathematical & Statistical

#628 inÂ Kindle Store > Kindle eBooks > Computers & Technology > Software

Customer Reviews

Nicely done!! This book even offers a custom Kindle Dictionary designed specifically for this book! freely available for download. Sample code available as well. Amazing value, and worth every penny! Author warns about possible formatting problems, but it sure looks good on my Kindle PaperWhite. Author is clearly very at home with Matlab / and Octave. I own multiple Matlab books, but this is my favorite...and especially for the price, you won't find better value! Thanks!

I'm a complete beginner to Digital Signal Processing / Time-Frequency Analysis and Octave /Matlab.However I'm very experienced in programming for other imperative languages (python, php, go)I'm the kind of person that learns better by looking at how something is implemented in code and then reading the explanation.In this regard the book is excellent since it strikes the right balance of code, explanation, and density of information.Due to the care taken in the examples I was able to execute all (except one) in Gnu - Octave.Which was perfect since I didn't want to buy a Matlab license.Something that sets this book apart is it's emphasis on how to simulate data from the real world.All in all an excellent book.

Loved it.. M. X. Cohen takes time frequency descriptions to a new level of understanding. !!!

A pragmatic results oriented reference. This is a how-to book. Useful and well organized

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

Fundamentals of Time-Frequency Analyses in Matlab/Octave MATLAB - Programming with MATLAB for Beginners - A Practical Introduction to Programming and Problem Solving (Matlab for Engineers, MATLAB for Scientists, Matlab Programming for Dummies) Scientific Computing with MATLAB and Octave (Texts in Computational Science and Engineering) Visible Learning: A Synthesis of Over 800 Meta-Analyses Relating to Achievement Digital Signal Processing: with Selected Topics: Adaptive Systems, Time-Frequency Analysis, Sparse Signal Processing Fundamentals of Digital Signal Processing Using MATLAB Fundamentals of Electromagnetics with MATLAB Fundamentals of Signals and Systems Using the Web and MATLAB (3rd Edition) Fundamentals of Nursing: Human Health and Function (Craven, Fundamentals of Nursing: Human Health and Functionraven, Fundamentals of Nurs) Radio Frequency and Microwave Electronics Illustrated Radio Frequency Integrated Circuit Design High-Frequency Analog Integrated Circuit Design (Wiley Series in Microwave and Optical Engineering) Radio Frequency Integrated Circuits and Systems High-frequency Bipolar Transistors Radio Frequency Transistors: Principles and practical applications (EDN Series for Design Engineers) Variable Frequency Drives: Installation &

Troubleshooting! (Practical Guides for the Industrial Technician! Book 2) The Design of CMOS
Radio-Frequency Integrated Circuits, Second Edition The Problem of HFT - Collected Writings on
High Frequency Trading & Stock Market Structure Reform Manifestation Demystified: Change The
Frequency You're On To Attract What You Want (Manifestation Mindset, Manifestation Miracle,
Manifestation Magic, Manifestation Zone, Law of Attraction) Frequency: The Power of Personal
Vibration

[Dmca](#)