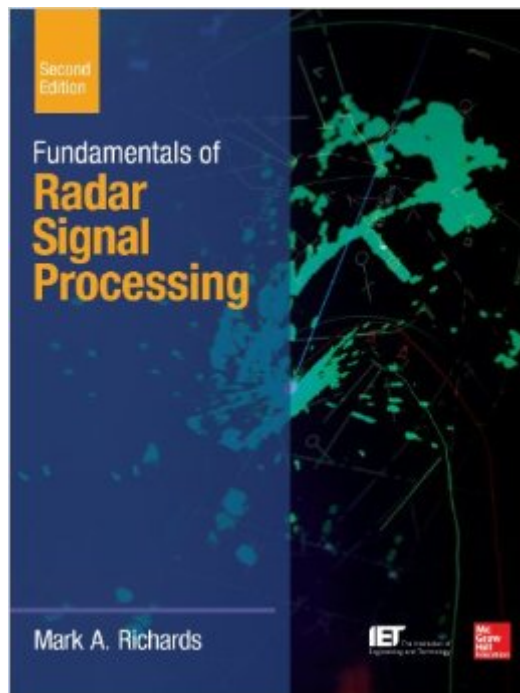


The book was found

Fundamentals Of Radar Signal Processing, Second Edition (McGraw-Hill Professional Engineering)



Synopsis

The most complete, current guide to the signal processing techniques essential to advanced radar systems Fully updated and expanded, *Fundamentals of Radar Signal Processing, Second Edition*, offers comprehensive coverage of the basic digital signal processing techniques and technologies on which virtually all modern radar systems rely, including target and interference models, matched filtering, waveform design, Doppler processing, threshold detection, and measurement accuracy. The methods and interpretations of linear systems, filtering, sampling, and Fourier analysis are used throughout to provide a unified tutorial approach. End-of-chapter problems reinforce the material covered. Developed over many years of academic and professional education, this authoritative resource is ideal for graduate students as well as practicing engineers. *Fundamentals of Radar Signal Processing, Second Edition*, covers: Introduction to radar systems Signal models Pulsed radar data acquisition Radar waveforms Doppler processing Detection fundamentals Measurements and tracking Introduction to synthetic aperture imaging Introduction to beamforming and space-time adaptive processing

Book Information

Series: McGraw-Hill Professional Engineering

Hardcover: 656 pages

Publisher: McGraw-Hill Education; 2 edition (January 14, 2014)

Language: English

ISBN-10: 0071798323

ISBN-13: 978-0071798327

Product Dimensions: 7.7 x 1.4 x 9.5 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (8 customer reviews)

Best Sellers Rank: #90,262 in Books (See Top 100 in Books) #3 in Books > Engineering &

Transportation > Engineering > Telecommunications & Sensors > Radar #3 in Books >

Engineering & Transportation > Engineering > Telecommunications & Sensors > Signal Processing

#147 in Books > Engineering & Transportation > Engineering > Electrical & Electronics >

Electronics

Customer Reviews

This book is intended to introduce the reader to the fundamentals of Radar signal processing. This book remains my favorite for four reasons:1) It covers nearly all aspects of Radar signal

processing²) It is not as superficial as similar textbooks in Radar, but³) It is not highly mathematical or too specialized⁴) The book is application oriented and very useful for graduate students, researchers and practitioners.

I just got it and it looks perfect. The description of the books is exactly what i am looking for. I did like the package it come with. It was easy to open at all. I mean i am just feeling good. Thanks to the seller, recommended.

The book on radar signal processing. A must have as a reference, even if you don't read the whole thing (a lot to digest).

an excellent treatment of the subject, very technical and formal.

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

Fundamentals of Radar Signal Processing, Second Edition (McGraw-Hill Professional Engineering)
Digital Signal Processing with Examples in MATLAB®[®], Second Edition (Electrical Engineering & Applied Signal Processing Series) McGraw-Hill Nurses Drug Handbook, Seventh Edition (McGraw-Hill's Nurses Drug Handbook) McGraw-Hill's National Electrical Safety Code 2017 Handbook (McGraw Hill's National Electrical Safety Code Handbook) McGraw-Hill's 500 ACT English and Reading Questions to Know by Test Day (McGraw Hill's 500 Questions to Know By Test Day) McGraw-Hill's Conversational American English: The Illustrated Guide to Everyday Expressions of American English (McGraw-Hill ESL References) McGraw-Hill's I.V. Drug Handbook (McGraw-Hill Handbooks) Radar Equations for Modern Radar (Artech House Radar) Multiple-Target Tracking with Radar Applications (Artech House Radar Library) (Artech House Radar Library (Hardcover)) Fundamentals of Radar Signal Processing Fundamentals of Engineering Thermodynamics/Book and Disk (McGraw Hill Series in Mechanical Engineering) Discrete-Time Signal Processing (3rd Edition) (Prentice-Hall Signal Processing Series) 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) Signal Processing Algorithms in Fortran and C (Prentice-Hall Signal Processing Series) Digital Signal Processing: with Selected Topics: Adaptive Systems, Time-Frequency Analysis, Sparse Signal Processing Power Boiler Design, Inspection, and Repair: Per ASME Boiler and Pressure (McGraw-Hill Professional Engineering) IC Layout Basics: A Practical Guide (McGraw-Hill Professional Engineering) Carrier Grade Voice Over

IP (McGraw-Hill Networking Professional Carrier Grade Voice Over IP Second Edition)

Fundamentals of Mechanical Vibrations: IBM PC 3.5 Version (Mcgraw Hill Series in Mechanical Engineering)

[Dmca](#)