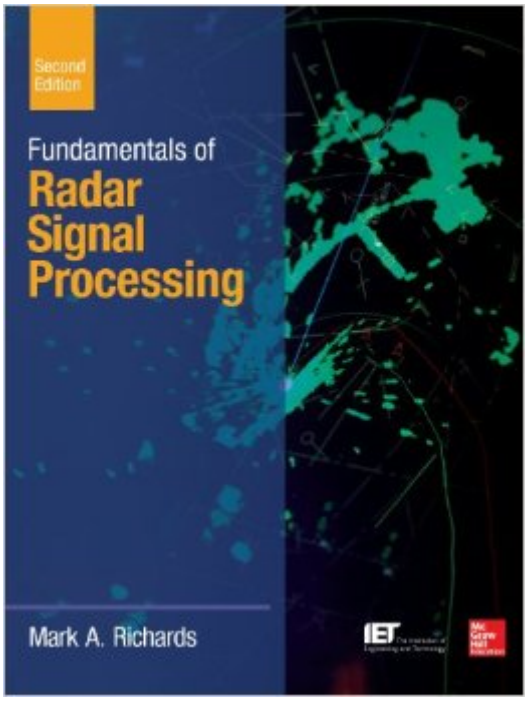
Fundamentals Of Radar Signal Processing, Second Edition (McGraw-Hill Professional Engineering)



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

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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 tecnical and formal.

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

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