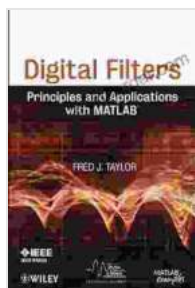# Principles and Applications of Digital Mobile Communication with MATLAB
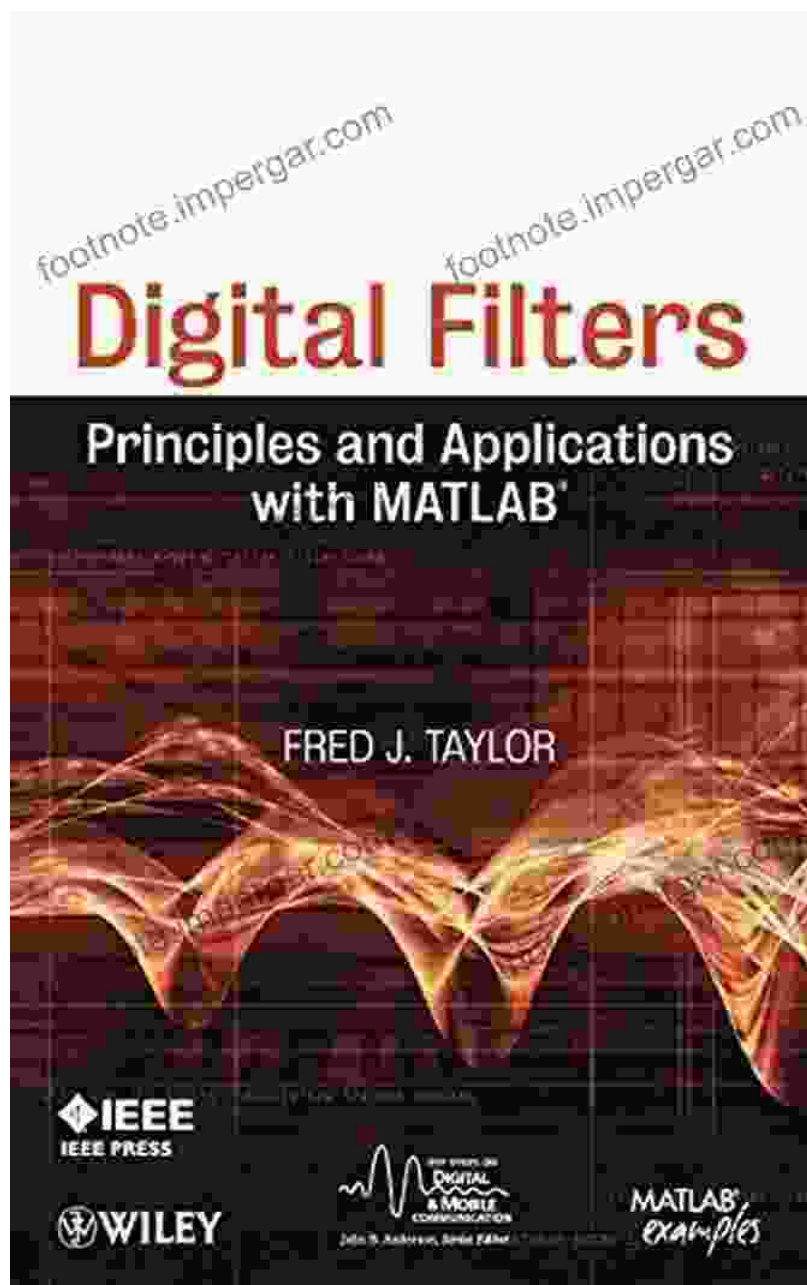
Digital Filters: Principles and Applications with MATLAB (IEEE Series on Digital & Mobile Communication Book 30) by Graham Bizley

★★★★★ 5 out of 5

Language	: English
File size	: 6713 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 312 pages
Lending	: Enabled

Overview

The book "Principles and Applications of Digital Mobile Communication with MATLAB" is a comprehensive and up-to-date treatment of the principles and applications of digital mobile communication. It provides an in-depth understanding of the fundamental concepts and technologies of digital

mobile communication, with a focus on practical implementation using MATLAB.

The book is divided into 10 chapters, each covering a different aspect of digital mobile communication. The chapters are:

to Digital Mobile Communication 2. Mobile Radio Propagation 3. Modulation Techniques for Digital Mobile Communication 4. Multiple Access Techniques for Digital Mobile Communication 5. MIMO Techniques for Digital Mobile Communication 6. OFDM Techniques for Digital Mobile Communication 7. Digital Mobile Communication Systems 8. Mobile Ad Hoc Networks 9. Application of Digital Mobile Communication 10. Future Trends in Digital Mobile Communication

Each chapter is written by an expert in the field and provides a thorough and up-to-date overview of the topic. The chapters include numerous examples and exercises to help the reader understand the concepts and apply them to practical problems.

Audience

The book is intended for a wide audience, including students, researchers, and practitioners in the field of digital mobile communication. It is also suitable for use as a textbook for undergraduate and graduate courses in digital mobile communication.

Benefits

The book provides a number of benefits, including:

* A comprehensive and up-to-date treatment of the principles and applications of digital mobile communication * A focus on practical implementation using MATLAB * Numerous examples and exercises to help the reader understand the concepts and apply them to practical problems * A wide audience, including students, researchers, and practitioners in the field of digital mobile communication

The book "Principles and Applications of Digital Mobile Communication with MATLAB" is a valuable resource for anyone who wants to learn about the principles and applications of digital mobile communication. It is a well-written and comprehensive book that provides a deep understanding of the subject matter.
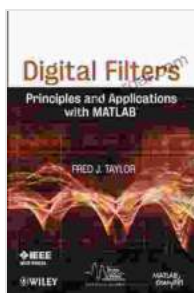
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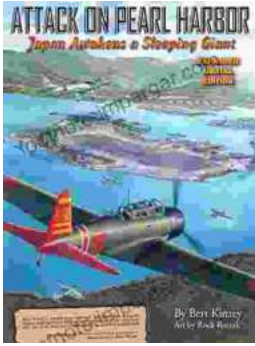
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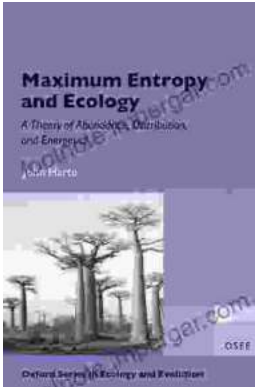
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