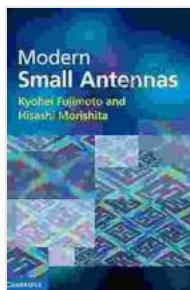


Modern Small Antennas: The Ultimate Guide to Design, Theory, and Applications

In a world driven by wireless connectivity, antennas have become an indispensable part of our daily lives. From smartphones to satellite communications, these unsung heroes enable us to stay connected, access information, and navigate the digital realm.

Small antennas, in particular, have emerged as key players in the miniaturization and integration of electronic devices. Their compact size and ability to operate in diverse environments make them ideal for a wide range of applications, including mobile devices, wearable technology, and internet-of-things (IoT) devices.



Modern Small Antennas by Hisashi Morishita

★★★★☆ 4.6 out of 5

Language : English

File size : 44005 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 489 pages



Navigating the complexities of modern small antennas requires a comprehensive understanding of antenna design, theory, and applications. Fortunately, Hisashi Morishita's seminal work, *Modern Small Antennas*, provides an authoritative and accessible guide to this challenging field.

A Masterful Treatise on Antenna Fundamentals

As you delve into *Modern Small Antennas*, you will embark on a systematic journey that unveils the fundamental principles of antenna theory. Morishita expertly covers a wide range of topics, including:

- Antenna fundamentals: Gain, directivity, impedance, and radiation patterns
- Small antenna theory: Miniaturization techniques, efficiency, and bandwidth
- Electromagnetic principles: Maxwell's equations, wave propagation, and boundary conditions
- Antenna measurement techniques: Near-field and far-field measurements

Morishita's clear and concise explanations, coupled with numerous illustrative examples, make even the most complex concepts easy to grasp. Whether you are a seasoned antenna engineer or a student seeking a solid foundation, this book will serve as an invaluable resource.

Practical Applications and Design Techniques

Beyond the theoretical foundations, *Modern Small Antennas* also delves into the practical aspects of antenna design and applications. Morishita provides detailed guidance on:

- Antenna design techniques: Optimization methods, simulation tools, and fabrication processes

- Antenna applications: Mobile devices, wearable technology, IoT devices, and automotive radar
- Antenna integration: Techniques for integrating antennas into electronic devices
- Antenna performance optimization: Matching, tuning, and impedance matching

With its wealth of practical examples and case studies, this book empowers you to translate theoretical knowledge into real-world antenna solutions. You will learn how to design, optimize, and integrate antennas into a wide range of electronic devices.

The Visionary Author: Hisashi Morishita

Hisashi Morishita is a renowned expert in the field of antennas and wireless communications. His groundbreaking research and innovations have shaped the development of modern small antennas. Morishita's passion for antenna design shines through in *Modern Small Antennas*, making this book an essential resource for anyone seeking to master this captivating field.

Reviews and Accolades

Modern Small Antennas has received critical acclaim from experts in the field:



“ "A comprehensive and up-to-date guide to the design, theory, and applications of modern small antennas." - Professor

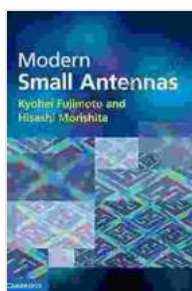
**Tadashi Takano, The University of Electro-Communications,
Japan ”**



“ "An invaluable resource for antenna engineers and researchers. Morishita's clear and systematic approach makes this book a must-read for anyone working in the field of small antennas." - Dr. Ali Khalaj, Qualcomm Technologies, Inc., USA ”

If you are seeking a comprehensive and authoritative guide to the fascinating world of modern small antennas, look no further than *Modern Small Antennas* by Hisashi Morishita. This seminal work will empower you with the knowledge and skills to design, optimize, and integrate antennas into a wide range of electronic devices. Whether you are an antenna engineer, a student, or simply curious about this captivating field, this book is an indispensable resource that will guide you on your journey into the realm of small antennas.

To Free Download your copy of *Modern Small Antennas* today, visit the following link: [Insert Free Download link here]



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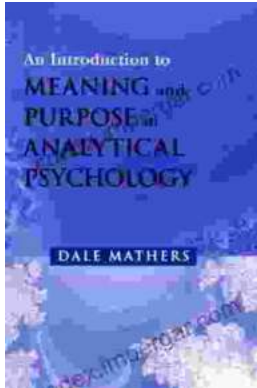
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