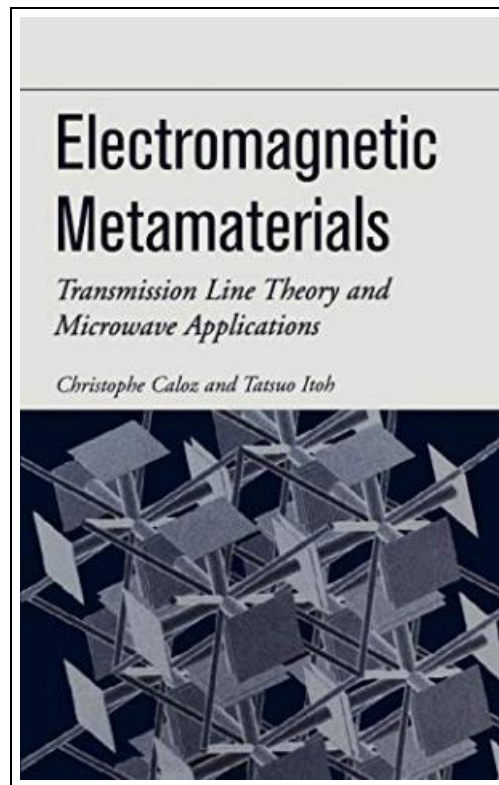


Electromagnetic Metamaterials: Transmission Line Theory and Microwave Applications (Hardback)



Filesize: 8.62 MB

Reviews

These types of book is the greatest ebook readily available. I was able to comprehend every little thing using this published e pdf. I realized this pdf from my dad and i encouraged this publication to discover.

(Dr. Porter Mitchell)

ELECTROMAGNETIC METAMATERIALS: TRANSMISSION LINE THEORY AND MICROWAVE APPLICATIONS (HARDBACK)



To download **Electromagnetic Metamaterials: Transmission Line Theory and Microwave Applications (Hardback)** eBook, remember to follow the web link below and download the file or gain access to other information which are have conjunction with ELECTROMAGNETIC METAMATERIALS: TRANSMISSION LINE THEORY AND MICROWAVE APPLICATIONS (HARDBACK) ebook.

John Wiley & Sons Inc, United States, 2005. Hardback. Condition: New. 1. Auflage. Language: English. Brand new Book. Electromagnetic metamaterials-from fundamental physics to advanced engineering applications This book presents an original generalized transmission line approach associated with non-resonant structures that exhibit larger bandwidths, lower loss, and higher design flexibility. It is based on the novel concept of composite right/left-handed (CRLH) transmission line metamaterials (MMs), which has led to the development of novel guided-wave, radiated-wave, and refracted-wave devices and structures. The authors introduced this powerful new concept and are therefore able to offer readers deep insight into the fundamental physics needed to fully grasp the technology. Moreover, they provide a host of practical engineering applications. The book begins with an introductory chapter that places resonant type and transmission line metamaterials in historical perspective. The next six chapters give readers a solid foundation in the fundamentals and practical applications: Fundamentals of LH MMs describes the fundamental physics and exotic properties of left-handed metamaterials TL Theory of MMs establishes the foundations of CRLH structures in three progressive steps: ideal transmission line, LC network, and real distributed structure Two-Dimensional MMs develops both a transmission matrix method and a transmission line method to address the problem of finite-size 2D metamaterials excited by arbitrary sources Guided-Wave Applications and Radiated-Wave Applications present a number of groundbreaking applications developed by the authors The Future of MMs sets forth an expert view on future challenges and prospects This engineering approach to metamaterials paves the way for a new generation of microwave and photonic devices and structures. It is recommended for electrical engineers, as well as physicists and optical engineers, with an interest in practical negative refractive index structures and materials.



[Read Electromagnetic Metamaterials: Transmission Line Theory and Microwave Applications \(Hardback\) Online](#)



[Download PDF Electromagnetic Metamaterials: Transmission Line Theory and Microwave Applications \(Hardback\)](#)



[Download ePub Electromagnetic Metamaterials: Transmission Line Theory and Microwave Applications \(Hardback\)](#)

Other Books



[PDF] Modern Portfolio Theory: Foundations, Analysis, and New Developments + Website (Hardback)

Follow the hyperlink beneath to get "Modern Portfolio Theory: Foundations, Analysis, and New Developments + Website (Hardback)" file.

[Read](#) [Document](#)

»



[PDF] Bayesian Biostatistics (Hardback)

Follow the hyperlink beneath to get "Bayesian Biostatistics (Hardback)" file.

[Read](#) [Document](#)

»



[PDF] Get into UK Medical School For Dummies (Paperback)

Follow the hyperlink beneath to get "Get into UK Medical School For Dummies (Paperback)" file.

[Read](#) [Document](#)

»



[PDF] Fundamentals of Fire Phenomena (Hardback)

Follow the hyperlink beneath to get "Fundamentals of Fire Phenomena (Hardback)" file.

[Read](#) [Document](#)

»



[PDF] Across the Line: A Ganix Johns Adventure (Hardback)

Follow the hyperlink beneath to get "Across the Line: A Ganix Johns Adventure (Hardback)" file.

[Read](#) [Document](#)

»



[PDF] Indifference Pricing: Theory and Applications (Hardback)

Follow the hyperlink beneath to get "Indifference Pricing: Theory and Applications (Hardback)" file.

[Read](#) [Document](#)

»



[PDF] Options Pricing and Portfolio Optimization: Modern Methods of Financial Mathematics (Hardback)

Click the web link under to get "Options Pricing and Portfolio Optimization: Modern Methods of Financial Mathematics (Hardback)" PDF document.

[Save ePub](#)

»



[PDF] Introductory Digital Image Processing: A Remote Sensing Perspective (Hardback)

Click the web link under to get "Introductory Digital Image Processing: A Remote Sensing Perspective (Hardback)" PDF document.

[Save ePub](#)

»



[PDF] Muse of Nightmares: the magical sequel to Strange the Dreamer (Hardback)

Click the web link under to get "Muse of Nightmares: the magical sequel to Strange the Dreamer (Hardback)" PDF document.

[Save ePub](#)

»



[PDF] Minecraft: Exploded Builds: Medieval Fortress: An Official Minecraft Book from Mojang (Hardback)

Click the web link under to get "Minecraft: Exploded Builds: Medieval Fortress: An Official Minecraft Book from Mojang (Hardback)" PDF document.

[Save ePub](#)

»



[PDF] Asset Pricing Theory (Hardback)

Click the web link under to get "Asset Pricing Theory (Hardback)" PDF document.

[Save ePub](#)

»



[PDF] Echoes of Scripture in the Gospels (Hardback)

Click the web link under to get "Echoes of Scripture in the Gospels (Hardback)" PDF document.

[Save ePub](#)

»