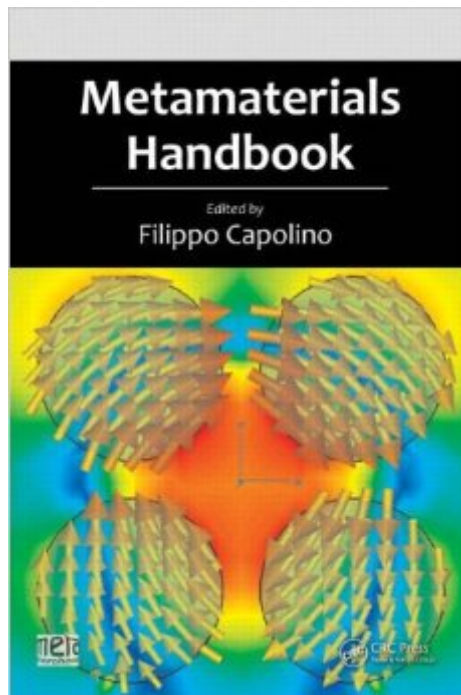


The book was found

Metamaterials Handbook - Two Volume Slipcase Set



Synopsis

The study of artificial electromagnetic materials, or metamaterials, breaks down the traditional frontiers to combine disciplines such as physics and microfabrication, electromagnetic theory and computational methods, optics and microwaves, and nanotechnology and nanochemistry. With their unique physical properties and unusual combination of microscopic and nanoscopic structures, metamaterials have application potential in a wide range of fields, from electronics and telecommunications to sensing, medical instrumentation, and data storage. However, the strategic objectives of metamaterial development require close cooperation between the many subareas of the field and cross-fertilization of the research from each. A superior reference for these multidisciplinary challenges, the *Metamaterials Handbook* provides the multifaceted understanding required by those researching this broad and exciting field. Featuring contributions from international experts, this book covers the essential aspects of metamaterials, including modeling and design, proven and potential applications in practical devices, fabrication, characterization, and measurement. With detailed references for each topic, it conveniently organizes a wealth of information into two volumes—*Theory and Phenomena* and *Applications*—that cover years worth of extensive research in this exciting area. Summarizing the state of the art in the field of electromagnetic artificial materials, this handbook is an ideal guide to using metamaterials for electronic devices in the entire frequency spectrum, from megahertz to optical frequencies.

Book Information

Series: *Metamaterials Handbook*

Hardcover: 1736 pages

Publisher: CRC Press; 1st edition (October 27, 2009)

Language: English

ISBN-10: 1420053620

ISBN-13: 978-1420053623

Product Dimensions: 7.5 x 3.7 x 10.8 inches

Shipping Weight: 8.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,821,300 in Books (See Top 100 in Books) #748 in [Books > Science &](#)

[Math > Physics > Optics](#) #2752 in [Books > Engineering & Transportation > Engineering >](#)

[Materials & Material Science](#) #9014 in [Books > Engineering & Transportation > Engineering >](#)

[Electrical & Electronics](#)

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

Metamaterials Handbook - Two Volume Slipcase Set Metamaterials and Plasmonics: Fundamentals, Modelling, Applications (NATO Science for Peace and Security Series B: Physics and Biophysics) Cooking for Two: 365 Days of Fast, Easy, Delicious Recipes for Busy People (Cooking for Two Cookbook, Slow Cooking for Two, Cooking for 2 Recipes) Verdi and/or Wagner: Two Men, Two Worlds, Two Centuries Fields Virology (Knipe, Fields Virology)-2 Volume Set by Knipe, David M. Published by Lippincott Williams & Wilkins 6th (sixth), 2-volume set edition (2013) Hardcover The New Traditional Woodworker: From Tool Set to Skill Set to Mind Set (Popular Woodworking) Weapons of Mass Destruction: An Encyclopedia of Worldwide Policy, Technology, and History; Volume I: Chemical and Biological Weapons and Volume II: ... Technology, and History (2 volume set) A Register of English Theatrical Documents, 2 Volume set: Volume 1, 1660-1714; Volume 2, 1714-1737 Autograph Quarterly Magazine Volume Two Issue Two The Entered Apprentice Handbook, The Fellow Crafts Handbook, The Higher Degrees Handbook, and The Master Mason's Handbook The Tupper Family in the United States and Canada 1631 - 1995, One of the Ten Founding Families of Sandwich, Massachusetts, Two Volume Boxed Set Il Turco in Italia (Two-volume Set) Comprehensive Cleft Care, Second Edition: Two Volume Set Grabb's Encyclopedia of Flaps (Two-Volume Set) Veterinary Ophthalmology: Two Volume Set Textbook of Small Animal Surgery (Two-Volume Set) Comprehensive Organic Transformations, Two Volume Set Medical-Surgical Nursing - 2-Volume Set: Assessment and Management of Clinical Problems, 9e (Medical- Surgical Nursing (Lewis) 2 Vol Set) Collectible Sugars & Creamers: An Identification Guide to American Glassware, Volume Two: Fenton - Heisey (Volume 2) Handbook of Optics, Third Edition Volume IV: Optical Properties of Materials, Nonlinear Optics, Quantum Optics (set)

[Dmca](#)