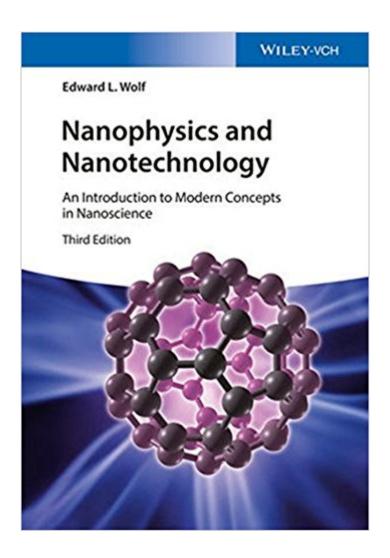


The book was found

Nanophysics And Nanotechnology: An Introduction To Modern Concepts In Nanoscience (No Longer Used)





Synopsis

Long awaited new edition of this highly successful textbook, provides once more a unique introduction to the concepts, techniques and applications of nanoscale systems by covering its entire spectrum up to recent findings on graphene.

Book Information

Series: No Longer Used

Paperback: 336 pages

Publisher: Wiley-VCH; 3 edition (October 5, 2015)

Language: English

ISBN-10: 3527413243

ISBN-13: 978-3527413249

Product Dimensions: 6.8 x 0.7 x 9.6 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #610,887 in Books (See Top 100 in Books) #99 inà Â Books > Science & Math

> Technology > Nanotechnology #185 in A Books > Engineering & Transportation > Engineering

> Electrical & Electronics > Electronics > Microelectronics #140434 inà Â Books > Textbooks

Customer Reviews

Expanded by around 10Ţ⠬â œ15 % to incorporate recent developments in the field, the new edition of this highly successful textbook is unique in its tutorial presentation of the physical concepts and experimental approaches that lie at the heart of nanotechnology. A completely new section has been added on graphene, covering physical and electrical properties, synthesis and applications, as well as discussions of computer logic devices, silicon technology, and potential applications in photovoltaics. There are updates and corrections to every chapter, including the references, while the modern-day examples are chosen to represent important concepts and researchtools. Mathematical derivations are boxed in to be consulted as desired by those readers with a pertinent interest. Well illustrated, including explanatory diagrams to assist in the understanding of scientific principles, this is a self-contained text for upper-level undergraduate engineering or science students looking for a concise, easy-to-read introduction to this fascinating field of research. A free solutions manual is available for lecturers.

Edward L. Wolf is Professor of Physics at the Polytechnic Institute of NYU. He is an expert on

Nanotechnology, with a research background including Scanning Tunneling Microscopy. He has designed courses and written textbooks on Nanotechnology and Renewable Energy. His teaching includes modern physics, solid state physics, thermodynamics, and quantum mechanics. Professor Wolf is the author of more than a hundred papers in solid state physics, scanning tunneling microscopy, electron tunneling spectroscopy and superconductivity. He is Fellow of American Physical Society and received teaching and research awards at NYU Poly.

Download to continue reading...

Nanophysics and Nanotechnology: An Introduction to Modern Concepts in Nanoscience (No Longer Used) Introduction to Nanoscience and Nanotechnology Nanostructures and Nanomaterials: Synthesis, Properties, and Applications (2nd Edition) (World Scientific Series in Nanoscience and Nanotechnology) A Laboratory Course in Nanoscience and Nanotechnology Introductory Nanoscience: Physical and Chemical Concepts Sex: 14 Best Tips On How To Last Longer, Make Her Scream And Be The Best Lover In Her Life (+FREE Gift Inside) (How To Last Longer In Bed, Attract Women, ... Starved Marriage, Sex Guide) (What Is Sex) How to Last Longer in Bed: Discover How to Increase Stamina and Last Longer in Bed Bowes and Church's Food Values of Portions Commonly Used (Bowes & Church's Food Values of Portions Commonly Used) How to Write Descriptions that Sell Used Books on: Easy Ways to Make More Money Selling Used Books on with Simple Copywriting Templates (Sell Books Fast Online Book 1) Kelley Blue Book Consumer Guide Used Car Edition: Consumer Edition July - Sept 2017 (Kelley Blue Book Used Car Guide Consumer Edition) Kelley Blue Book Used Car: Consumer Edition January - March 2017 (Kelley Blue Book Used Car Guide Consumer Edition) HOW TO BUY A USED CAR: A Complete Guide from Start to Finish On How To Buy A Used Car; FROM THE PERSPECTIVE OF AN EXPERIENCED LICENSED CAR DEALER Buying Checklist Included An Introduction to Interfaces and Colloids: The Bridge to Nanoscience Introduction to Nanoscience Chirelstein's Federal Income Taxation: A Law Student's Guide to the Leading Cases and Concepts (Concepts and Insights) (Concepts and Insights Series) Introduction to Nanoelectronics: Science, Nanotechnology, Engineering, and Applications Quantum Nanoelectronics: An introduction to electronic nanotechnology and quantum computing Modern Essentials Bundle 6th - Modern Essentials 6th Edition a Contemporary Guide to the Therapeutic Use of Essential Oils, An Introduction to Modern Essentials, and Modern Essentials Reference Card Nanotechnology: A Gentle Introduction to the Next Big Idea Sliding Friction: Physical Principles and Applications (NanoScience and Technology)

DMCA

Privacy

FAQ & Help