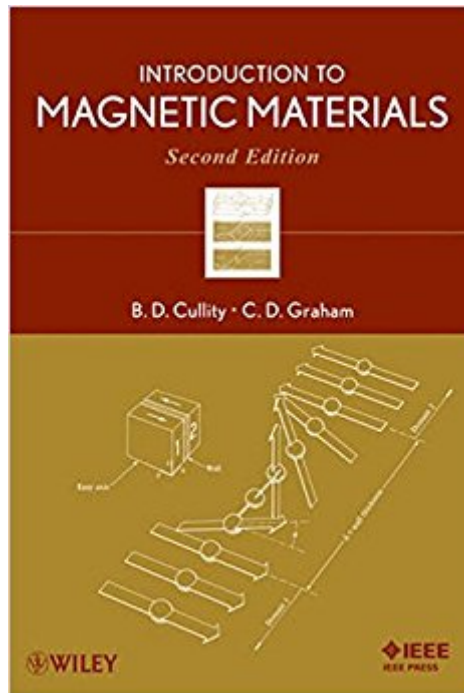




Ebook Directory
the best source of ebook

The book was found

Introduction To Magnetic Materials



Synopsis

Introduction to Magnetic Materials, 2nd Edition covers the basics of magnetic quantities, magnetic devices, and materials used in practice. While retaining much of the original, this revision now covers SQUID and alternating gradient magnetometers, magnetic force microscope, Kerr effect, amorphous alloys, rare-earth magnets, SI Units alongside cgs units, and other up-to-date topics. In addition, the authors have added an entirely new chapter on information materials. The text presents materials at the practical rather than theoretical level, allowing for a physical, quantitative, measurement-based understanding of magnetism among readers, be they professional engineers or graduate-level students.

Book Information

Hardcover: 568 pages

Publisher: Wiley-IEEE Press; 2 edition (December 10, 2008)

Language: English

ISBN-10: 0471477419

ISBN-13: 978-0471477419

Product Dimensions: 7.3 x 1.4 x 10.3 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #1,069,030 in Books (See Top 100 in Books) #101 in [Books > Science & Math > Physics > Electromagnetism > Magnetism](#) #126 in [Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Microwaves](#) #1578 in [Books > Engineering & Transportation > Engineering > Materials & Material Science](#)

Customer Reviews

What a find! The text is addressed towards a broad audience and assumes only first-year (freshman) physics as a prerequisite. Beginning with a welcome review of basic definitions, it moves smoothly into all the core topics of magnetism. The explanations are clear and the derivations are carefully worked out. End-of-chapter problems are provided. Particularly interesting were the chapter on experimental methods and the most straightforward discussion on units I have yet seen (units in magnetism are notoriously confusing). Although published in the 70's, the book still has value if you want to learn the fundamentals. I literally couldn't put the book down after I got started, and before I knew it, I had learned so much reading most of it over the weekend....

Very fast shipping. Good text for beginners .enhances your knowledge of magnetism .a must have text for a condensed matter physicists.

Cullity has written a good reference text on general magnetic materials, but I do not think this should be used as an introductory text. The revisions make this a much improved text compared to the last edition, with numerous new figures, sections, and updates. However, I find that Cullity's approach, which is very technique-centered, is somewhat for the beginner to understand. That said, this is a good reference when choosing characterization techniques.

A solutions manual is now available to bona fide instructors. Contact ieeeproposals@wiley.com

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

Bibliography of Magnetic Materials and Tabulation of Magnetic Transition Temperatures (Solid State Physics Literature Guides) Electronic, Magnetic, and Optical Materials (Advanced Materials and Technologies) Introduction to Magnetism and Magnetic Materials, Third Edition Introduction to Magnetic Materials Magnetic Techniques for the Treatment of Materials Magnetic Materials: Fundamentals and Applications Introduction to Magnetism and Magnetic Recording (A Wiley-Interscience Publication) Magnetic Isotope Effect in Radical Reactions: An Introduction Introduction to Magnetic Resonance Engineering Materials 2, Fourth Edition: An Introduction to Microstructures and Processing (International Series on Materials Science and Technology) Magnetic Bubble Technology (Springer Series in Solid-State Sciences) This Is Improbable: Cheese String Theory, Magnetic Chickens, and Other WTF Research Resonancia Magnetica / Magnetic resonance: Parametros Y Posiciones / Parameters and Positions (Spanish Edition) Resonancia magnetica del sistema musculoesqueletico / Magnetic Resonance Imaging of the Musculoskeletal system: Atlas con correlacion anatomica / Atlas With Anatomic Correlation (Spanish Edition) Cranial Neuroimaging and Clinical Neuroanatomy: Magnetic Resonance Imaging and Computed Tomography (Thieme Classics) Nuclear Magnetic Resonance (Oxford Chemistry Primers) Dynamic Spin Chemistry: Magnetic Controls and Spin Dynamics of Chemical Reactions The Chemistry of Contrast Agents in Medical Magnetic Resonance Imaging High Resolution Nuclear Magnetic Resonance (Advanced Chemistry) Biomagnetica/ Biomagnetics: Campos Magneticos: Fuente de la Vida/ Magnetic Field: The Fountain Of Life (Biblioteca Cientifico Espiritual) (Spanish Edition)

Contact Us

DMCA

Privacy

FAQ & Help