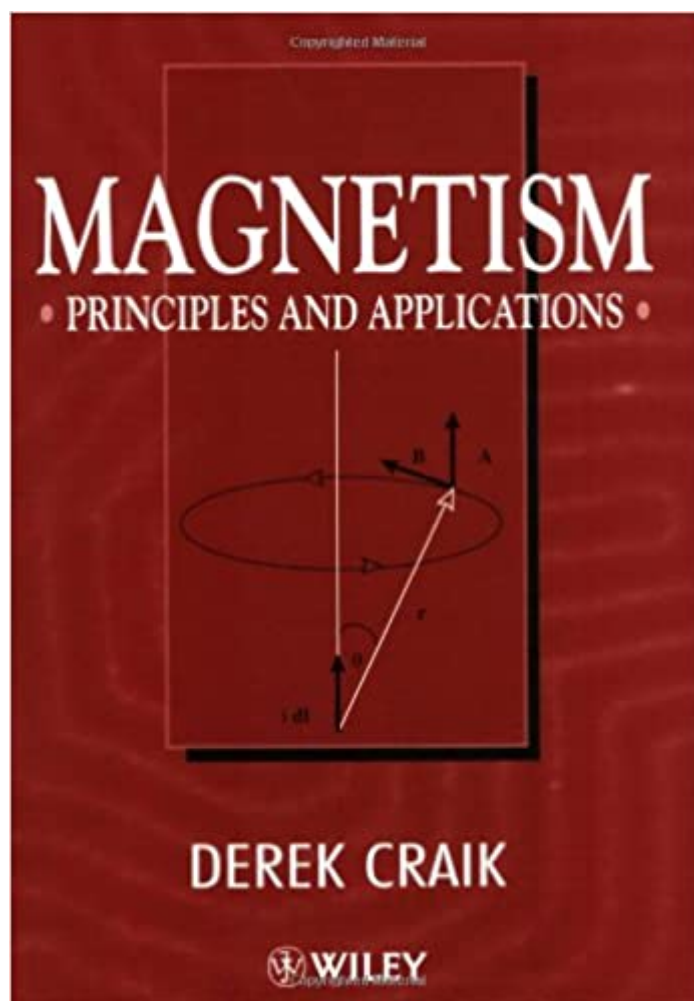


The book was found

Magnetism: Principles And Applications



Synopsis

If you are studying physics, chemistry, materials science, electrical engineering, information technology or medicine, then you'll know that understanding magnetism is fundamental to success in your studies and here is the key to unlocking the mysteries of magnetism..... You can: * obtain a simple overview of magnetism, including the roles of B and H, resonances and special techniques * take full advantage of modern magnets with a wealth of expressions for fields and forces * develop realistic general design programmes using isoparametric finite elements * study the subtleties of the general theory of magnetic moments and their dynamics * follow the development of outstanding materials * appreciate how magnetism encompasses topics as diverse as rock magnetism, chemical reaction rates, biological compasses, medical therapies, superconductivity and levitation * understand the basis and remarkable achievements of magnetic resonance imaging In his new book, *Magnetism*, Derek Craik throws light on the principles and applications of this fascinating subject. From formulae for calculating fields to quantum theory, the secrets of magnetism are exposed, ensuring that whether you are a chemist or engineer, physicist, medic or materials scientist *Magnetism* is the book for our course.

Book Information

Paperback: 468 pages

Publisher: Wiley; 1 edition (April 24, 1995)

Language: English

ISBN-10: 0471954179

ISBN-13: 978-0471954170

Product Dimensions: 6.6 x 1.1 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: #1,140,530 in Books (See Top 100 in Books) #123 in [Books > Science & Math > Physics > Electromagnetism > Magnetism](#) #329 in [Books > Science & Math > Physics > Electromagnetism > Electricity](#) #3273 in [Books > Textbooks > Science & Mathematics > Physics](#)

Customer Reviews

If you are studying physics, chemistry, materials science, electrical engineering, information technology or medicine, then you'll know that understanding magnetism is fundamental to success in your studies and here is the key to unlocking the mysteries of magnetism..... You can:

obtain a simple overview of magnetism, including the roles of B and H, resonances and special techniques take full advantage of modern magnets with a wealth of expressions for fields and forces develop realistic general design programmes using isoparametric finite elements study the subtleties of the general theory of magnetic moments and their dynamics follow the development of outstanding materials appreciate how magnetism encompasses topics as diverse as rock magnetism, chemical reaction rates, biological compasses, medical therapies, superconductivity and levitation understand the basis and remarkable achievements of magnetic resonance imaging In his new book, Magnetism, Derek Craik throws light on the principles and applications of this fascinating subject. From formulae for calculating fields to quantum theory, the secrets of magnetism are exposed, ensuring that whether you are a chemist or engineer, physicist, medic or materials scientist Magnetism is the book for our course.

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

Environmental Magnetism, Volume 86: Principles and Applications of Enviromagnetics (International Geophysics) Magnetism: Principles and Applications Understanding Physics (Motion, Sound, and Heat / Light, Magnetism, and Electricity / The Electron, Proton, and Neutron) Electricity and Magnetism, Grades 6 - 12: Static Electricity, Current Electricity, and Magnets (Expanding Science Skills Series) Physics for Scientists and Engineers: Vol. 2: Electricity and Magnetism, Light (Physics, for Scientists & Engineers, Chapters 22-35) Pyramid science and the unified field: a series of papers on magnetism, bioelectricity and electricity Electricity And Magnetism (Reading Essentials in Science) Electricity and Magnetism (Usborne Understand Science) The Charisma Myth: How Anyone Can Master the Art and Science of Personal Magnetism A Project Guide to Electricity and Magnetism (Physical Science Projects for Kids) The Theory of Magnetism Made Simple: An Introduction to Physical Concepts and to Some Useful mathematical methods Electricity and Magnetism Essential Calculus-based Physics Study Guide Workbook: Electricity and Magnetism (Learn Physics with Calculus Step-by-Step Book 2) RealTime Physics Active Learning Laboratories, Module 3: Electricity and Magnetism Electricity And Magnetism: Stop Faking It! Finally Understanding Science So You Can Teach It Workshop Physics Activity Guide, Module 4: Electricity and Magnetism 100 Instructive Calculus-based Physics Examples: Electricity and Magnetism (Calculus-based Physics Problems with Solutions Book 2) Essential Calculus-based Physics Study Guide Workbook: Electricity and Magnetism (Learn Physics with Calculus Step-by-Step) (Volume 2) Electricity and Magnetism: Experiments in Physics Waves, Electricity and Magnetism: Experiments in Physics

Contact Us

DMCA

Privacy

FAQ & Help