

The book was found

High Magnetic Fields



Synopsis

High magnetic fields and the industrial applications of this technology are rapidly developing areas. This book is based on lectures given at the international workshop "High Magnetic Fields: Industry, Materials, and Technology", held at the National High Magnetic Field Laboratory in Tallahassee, Florida, in February 1996. It is, however, far more than the proceedings of this meeting. The lecturers have provided in-depth contributions and well-focused overview articles on their fields. The book includes fifty papers reporting the exciting potential of high magnetic fields for applications, such as process control, energy storage, material processing, levitated trains, and aneutronic fusion devices. It describes the various technologies used to generate the highest magnetic fields with resistive, pulsed, and superconducting magnets. The limitations on the generation of high magnetic fields imposed by presently available materials are shown. Finally, the important role national laboratories play as user facilities in helping to link basic and applied research with future industrial applications is explained.

Book Information

Hardcover: 595 pages

Publisher: World Scientific Publishing Company; 1st edition (January 15, 1997)

Language: English

ISBN-10: 9810231253

ISBN-13: 978-9810231255

Product Dimensions: 1.5 x 6.5 x 9.5 inches

Shipping Weight: 2.5 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #9,604,983 in Books (See Top 100 in Books) #83 in Books > Science & Math > Physics > Engineering #1254 in Books > Science & Math > Physics > Applied #1379 in Books > Science & Math > Physics > Electromagnetism > Magnetism

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

High Magnetic Fields Orange Circle Studio 2017 Magnetic Monthly Calendar Pad, Secret Garden (Magnetic Monthly Pad) Seashells i-Clip Magnetic Page Markers (Set of 8 Magnetic Bookmarks)

Mrs. Fields Cookie Book: 100 Recipes from the Kitchen of Mrs. Fields Gardening For Entrepreneurs: Gardening Techniques For High Yield, High Profit Crops (Farming For Profit, Gardening For Profit, High Yield Gardening) Magnetic: Naturally Attract the Women You Want, Cultivate Confidence, and Become Rejection-Proof 2016 Inspire Magnetic Calendar Orange Circle

Studio 17-Month 2017 Do It All Magnetic Wall Calendar, Secret Garden (Do It All Wall) Orange Circle Studio 17-Month 2016 Do It All Magnetic Wall Calendar, Secret Garden 2016 Lighthouses Magnetic Calendar Magnetic Travel Fun: 20 Magnet Wild Animals (Magnetic Story & Play Scene) Thomas' Magnetic Playbook (Thomas & Friends) Under the Sea (Magnetic Story & Play Scene) Magnetic Current The Magnetic Effect Principles of Nuclear Magnetic Resonance Microscopy Pocket Atlas of Sectional Anatomy, Volume 3: Spine, Extremities, Joints: Computed Tomography and Magnetic Resonance Imaging Polar Dream: The First Solo Expedition by a Woman and Her Dog to the Magnetic North Pole How to Learn & Memorize a Randomized Deck of Playing Cards ... Using a Memory Palace and Image-Association System Specifically Designed for Card Memorization Mastery (Magnetic Memory Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)