

## The book was found

# **RF Superconductivity: Science, Technology And Applications (v. 2)**





#### Synopsis

This is the second book to RF Superconducting, written by one of the leading experts. The book provides fast and up-to-date access to the latest advances in the key technology for future accelerators. Experts as well as newcomers to the field will benefit from the discussion of progress in the basic science, technology as well as recent and forthcoming applications. Researchers in accelerator physics will also find much that is relevant to their discipline.

### **Book Information**

Hardcover: 464 pages Publisher: Wiley-VCH; 1 edition (April 20, 2009) Language: English ISBN-10: 9783527405725 ISBN-13: 978-3527405725 ASIN: 3527405720 Product Dimensions: 6.9 x 1 x 9.6 inches Shipping Weight: 2.2 pounds (View shipping rates and policies) Average Customer Review: Be the first to review this item Best Sellers Rank: #2,176,775 in Books (See Top 100 in Books) #94 inà Â Books > Engineering & Transportation > Engineering > Electrical & Electronics > Superconductivity #547 inà Â Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Mobile & Wireless #743 inà Â Books > Science & Math > Physics > Solid-State Physics

#### **Customer Reviews**

This is the second book to RF Superconducting, written by one of the leading expert in RFS, who has been working in the field for over 30 years. The book provides fast and up-to-date access to the latest advances in the future technology for accelerators. Experts as well as newcomers to the field will benefit from this current discussion of the progress in both the basic science and recent and forthcoming applications, while researchers in accelerator physics will also find much that is relevant to their discipline. From the Cpontents: - New Cavity Geometries - RF Surface Resistance and Critical Field - Muiltipacting & Field Emission - High-Field Q-slope and Quench Field - Cavity Fabrication Advances - Cavity Treatment Advances - Input Couplers - Higher Mode Couplers - Tuners - Applications and Operations - Future Applications Hasan Padamsee is currently Adjunct Professor and Senior Physicist at Cornell University, where he is the project leader of the Superconducting Radio Frequency Group, pushing the advancement of accelerator technology for

particle physics at the energy and luminosity frontiers. Conducting research and development in the field for more than 30 years, he collaborates with accelerator laboratories around the world, including Fermilab, Jefferson Lab, SLAC, CERN and DESY. Among his many publications are the first volume to the present book, "RF Superconductivity for Accelerators", as well as other books and many review articles in encyclopedias. Professor Padamsee was appointed Fellow of the American Physical Society in 1993.

Hasan Padamsee is currently Adjunct Professor and Senior Physicist at Cornell University, where he is the project leader of the Superconducting Radio Frequency Group, pushing the advancement of accelerator technology for particle physics at the energy and luminosity frontiers. Conducting research and development in the field for more than 30 years, he collaborates with accelerator laboratories around the world, including Fermilab, Jefferson Lab, SLAC, CERN and DESY. Among his many publications are the first volume to the present book, "RF Superconductivity for Accelerators", as well as other books and many review articles in encyclopedias. Professor Padamsee was appointed Fellow of the American Physical Society in 1993.

#### Download to continue reading...

RF Superconductivity: Science, Technology and Applications (v. 2) 3D Reconstruction: Methods, Applications and Challenges (Computer Science, Technology and Applications) Freezing Colloids: Observations, Principles, Control, and Use: Applications in Materials Science, Life Science, Earth Science, Food Science, and Engineering (Engineering Materials and Processes) Introduction to Nanoscale Science and Technology (Nanostructure Science and Technology) Science and Technology in the Global Cold War (Transformations: Studies in the History of Science and Technology) Foresight for Science, Technology and Innovation (Science, Technology and Innovation Studies) Advances in Corrosion Science and Technology: Volume 6 (Advances in Corrosion Science & Technology) Holt Science & Technology: Microorganisms, Fungi, and Plants Course A (Holt Science & Technology [Short Course]) Advances in Nuclear Science and Technology: Volume 22 (Advances in Nuclear Science & Technology) Superconductivity, Superfluids, and Condensates (Oxford Master Series in Physics) Superfluidity and Superconductivity (Graduate Student Series in Physics) Superconductivity and Superconducting Wires (Horizons in World Physics) Superconductivity Of Metals And Alloys (Advanced Books) Classics) Type II Superconductivity (International series of monographs in natural philosophy) Introduction to Superconductivity: Second Edition (Dover Books on Physics) (Vol i) Superconductivity: A Very Short Introduction Theory of Nonequilibrium Superconductivity

(International Series of Monographs on Physics) Superconductivity: A Very Short Introduction (Very Short Introductions) Handbook of Superconductivity One-Dimensional Superconductivity in Nanowires

Contact Us

DMCA

Privacy

FAQ & Help