



DOWNLOAD



Superconductivity and Magnetism in Iron Arsenides and Cuprates

By Zurab Guguchia

Südwestdeutscher Verlag Für Hochschulschriften AG Co. KG
 Mai 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x7 mm. This item is printed on demand - Print on Demand
 Neuware - High-temperature (high-Tc) superconductivity is a fascinating field in condensed matter physics research. After more than twenty-five years of research, the origin of high-Tc superconductivity is still not clear. To understand the microscopic pairing mechanism and to explain high-Tc superconductivity are for academic and technical reasons of great interest. This book is focused on the studies of superconducting (SC) and magnetic properties in two classes of high-Tc superconductors. Namely, in the novel Fe-based compounds Eu122, BaRb122 and in the cuprate system LBCO with 1/8 doping. The combination of muon-spin rotation, nuclear magnetic resonance, magnetization, and x-ray experiments allowed to probe the properties at the microscopic and macroscopic level. As a result, the superconducting and magnetic phase diagrams with respect to charge carrier doping as well as chemical and hydrostatic pressure were obtained. The phase diagrams cover the transition temperatures, the ordered moments and the volume fractions. The obtained phase diagrams revealed that, in the systems studied, superconductivity and magnetism are competing orders. 116 pp. Englisch.



READ ONLINE
 [1.14 MB]

Reviews

Absolutely essential go through pdf. Of course, it can be enjoy, still an amazing and interesting literature. Your way of life period will be convert the instant you comprehensive reading this article ebook.

-- Kevin Quigley

It in just one of my personal favorite book. I was able to comprehended every little thing out of this published e publication. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Isaac Olson

You May Also Like



DK Readers Day at Greenhill Farm Level 1 Beginning to Read

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in. This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs to life. Join the ducklings, cows, and...



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



How to Start a Conversation and Make Friends

Simon & Schuster. Paperback. Book Condition: new. BRAND NEW, How to Start a Conversation and Make Friends, Don Gabor, For over twenty-five years, small-talk expert Don Gabor has helped thousands of people communicate with wit, confidence, and enthusiasm with his bestseller How...



DK Readers Animal Hospital Level 2 Beginning to Read Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.8in. x 0.1in. This Level 2 book is appropriate for children who are beginning to read alone. When Jack and Luke take an injured duck to the vet, it is just...



Kingfisher Readers: What Animals Eat (Level 2: Beginning to Read Alone) (Unabridged)

Pan Macmillan. Paperback. Book Condition: new. BRAND NEW, Kingfisher Readers: What Animals Eat (Level 2: Beginning to Read Alone) (Unabridged), Brenda Stone, For the first time, Kingfisher brings its expertise in beautifully-designed, trusted non-fiction to the sphere of learning to read. This...