


[DOWNLOAD](#)


Spin-Fermion Models For Magnetic Semiconductors and High-Tc Cuprates

By Yücel Yildirim

LAP Lambert Academic Publishing Aug 2013, 2013.

Taschenbuch. Book Condition: Neu. 220x150x8 mm. This item is printed on demand - Print on Demand Neuware - In this book unbiased numerical techniques are applied to the study of two of the most important current problems in condensed matter physics: magnetically doped III-V semiconductors and high-temperature superconductors. The first part of the book mainly focus on the first full-scale study of a realistic model for the III-V Mn-doped semiconductors using state-of-the-art numerical techniques. More specifically, a real-space Hamiltonian with the fcc lattice structure that reproduces the valence bands of undoped GaAs are constructed. In addition, two-band model and a new phenomenological eight-band model that takes into account the Mn d-levels are also developed. In the second part of the book, the effects of adiabatic phonons on a spin-fermion model for high Tc cuprates are studied using Monte Carlo simulations. 132 pp. Englisch.



READ ONLINE

[2.3 MB]

Reviews

Completely essential go through pdf. This is for all those who statte that there was not a really worth reading through. You will not truly feel monotony at at any time of your time (that's what catalogues are for concerning if you question me).

-- **Mr. Santa Shanahan**

These sorts of publication is the perfect pdf readily available. It normally is not going to cost a lot of. You wont truly feel monotony at anytime of your respective time (that's what catalogues are for concerning if you question me).

-- **Keshawn Muller**

See Also



JA] early childhood parenting :1-4 Genuine Special(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2006-01-01 Pages: 179 Publisher: the China Pictorial Our book is all new book of genuine special spot any...



Programming in D: Tutorial and Reference

Ali Cehreli, 2015. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The main aim of this book is to teach D to readers who are new to computer programming. Although having experience...



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...



Shepherds Hey, Bfms 16: Study Score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 22 pages. Dimensions: 9.4in. x 7.1in. x 0.0in. Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English Folk-Song Society soon after his arrival in...



Magnificat in D Major, Bwv 243 Study Score Latin Edition

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 70 pages. Dimensions: 9.8in. x 7.2in. x 0.3in. Bach composed the first version of this piece in 1723 using the key of E-flat major for the Christmas Vespers in Leipzig which contained several Christmas texts....



Czech Suite, Op.39 / B.93: Study Score

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Composed rapidly during April of 1879 in the wake of his success with the two serenades (Opp.22 and...