



Handbook of Magnetic Materials: Volume 14 (Hardback)

By K. H. J. Buschow

ELSEVIER SCIENCE TECHNOLOGY, United States, 2002. Hardback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Magneto-electronics is a novel and rapidly developing field. This new field is frequently referred to as spin-electronics or spintronics. It includes spin-utilizing devices that need neither a magnetic field nor magnetic materials. In semiconductor devices, the spin of the carriers has only played a very modest role so far because well established semiconductor devices are non-magnetic and show only negligible effects of spin. Nanoscale thin films and multilayers, nanocrystalline magnetic materials, granular films, and amorphous alloys have attracted much attention in the last few decades, in the field of basic research as well as in the broader field of materials science. Such heterogeneous materials display uncommon magnetic properties that virtually do not occur in bulk materials. This is true, in particular with respect to surface (interface) magnetic anisotropy and surface (interface) magnetostrictive strains and giant magnetoresistance. The local atomic arrangement at the interface differs strongly from that in the bulk. The local symmetry is lowered, so that some interactions are changed or are missing altogether. The interface atoms may be envisaged as forming a new phase and some properties characteristic of...



READ ONLINE
[2.39 MB]

Reviews

This ebook can be worthy of a read, and much better than other. I have read and I am certain that I am going to plan to go through again once again in the future. You may like just how the writer composes this book.

-- Mr. Grant Stanton PhD

A whole new eBook with an all new standpoint. It is actually really fascinating through reading through time period. You won't truly feel monotony at anytime of your own time (that's what catalogues are for relating to when you request me).

-- Claire Bartell

See Also



[Scherzo Capriccioso, Op.66 / B.131: Study Score](#)

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.The Scherzo capriccioso was composed in the same period (1883-84) as the Symphony No.7, Op.70 and the Piano...



[Do This! Not That!: The Ultimate Handbook of Counterintuitive Parenting](#)

Skyhorse Publishing. Paperback / softback. Book Condition: new. BRAND NEW, Do This! Not That!: The Ultimate Handbook of Counterintuitive Parenting, Anna Glas, Ase Teiner, Malou Fickling, There are loads of books covering the basics of getting along with and disciplining children, but...



[Any Child Can Write](#)

Oxford University Press Inc, United States, 2003. Paperback. Book Condition: New. 4th Revised edition. 201 x 135 mm. Language: English . Brand New Book ***** Print on Demand *****.Harvey S. Wiener shows how parents can encourage their children to write with a...



[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...



[Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers](#)

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original...



[A Parent s Guide to STEM](#)

U.S. News World Report, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.This lively, colorful guidebook provides everything you need to know to help your child get inspired, succeed...