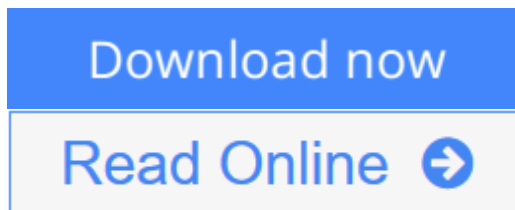


## Handbook of Magnetic Materials, Volume 21

From North Holland



### Handbook of Magnetic Materials, Volume 21 From North Holland

Over the last few decades magnetism has seen an enormous expansion into a variety of different areas of research, notably the magnetism of several classes of novel materials that share with truly ferromagnetic materials only the presence of magnetic moments.

Volume 21 of the *Handbook of Magnetic Materials*, like the preceding volumes, has a dual purpose. With contributions from leading authorities in the field, it includes a variety of topics which are intended as self-contained introductions to a given area in the field of magnetism without requiring recourse to the published literature. It is also intended as a reference for scientists active in magnetism research, providing readers with novel trends and achievements in magnetism. Volume 21 comprises topical review articles covering Heusler compounds, quasicrystalline solids, bulk amorphous alloys and nanocrystalline soft-magnetic alloys. In each of these articles an extensive description is given in graphical as well as in tabular form, much emphasis being placed on the discussion of the experimental material within the framework of physics, chemistry and material science.

- Composed of topical review articles written by leading authorities
- Introduces given topics in the field of magnetism
- Provides the reader with novel trends and achievements in magnetism

 [Download Handbook of Magnetic Materials, Volume 21 ...pdf](#)

 [Read Online Handbook of Magnetic Materials, Volume 21 ...pdf](#)

# Handbook of Magnetic Materials, Volume 21

*From North Holland*

## Handbook of Magnetic Materials, Volume 21 From North Holland

Over the last few decades magnetism has seen an enormous expansion into a variety of different areas of research, notably the magnetism of several classes of novel materials that share with truly ferromagnetic materials only the presence of magnetic moments.

Volume 21 of the *Handbook of Magnetic Materials*, like the preceding volumes, has a dual purpose. With contributions from leading authorities in the field, it includes a variety of topics which are intended as self-contained introductions to a given area in the field of magnetism without requiring recourse to the published literature. It is also intended as a reference for scientists active in magnetism research, providing readers with novel trends and achievements in magnetism. Volume 21 comprises topical review articles covering Heusler compounds, quasicrystalline solids, bulk amorphous alloys and nanocrystalline soft-magnetic alloys. In each of these articles an extensive description is given in graphical as well as in tabular form, much emphasis being placed on the discussion of the experimental material within the framework of physics, chemistry and material science.

- Composed of topical review articles written by leading authorities
- Introduces given topics in the field of magnetism
- Provides the reader with novel trends and achievements in magnetism

## Handbook of Magnetic Materials, Volume 21 From North Holland Bibliography

- Sales Rank: #1631239 in Books
- Published on: 2013-03-13
- Original language: English
- Number of items: 1
- Dimensions: 9.02" h x .88" w x 5.98" l, 1.53 pounds
- Binding: Hardcover
- 394 pages

 [Download Handbook of Magnetic Materials, Volume 21 ...pdf](#)

 [Read Online Handbook of Magnetic Materials, Volume 21 ...pdf](#)

## Editorial Review

### Review

"...It is intended to be useful to those who need to be introduced to a given topic in the field of magnetism without having to read the vast number of published literature... Anyone interested in the class of magnetic materials described will find this handbook valuable for the up-to-date information and the review of recent new discoveries and applications..." --**IEEE Electrical Insulation Magazine, March-April 2014**

### About the Author

Professor Kurt Heinz Jürgen Buschow is a member of the Experimental Physics Department of the University of Amsterdam, where he teaches Magnetism and Magnetic Materials. He studied Physical Chemistry at the Free University of Amsterdam, starting in 1954.

After having received his M.Sc. degree in 1960 he prepared his thesis work dealing with "Ion-pair Formation with Polyacene Mono and Dinegative Ions". He received his Ph.D. degree at the Free University in 1963.

In 1964 he held a research position at the Philips Research Laboratories in Eindhoven. He was appointed Senior Scientist in 1976 and Chief Scientist in 1988. His research activities comprised fundamental as well as applied aspects. During this period he stayed for one year (1977) as a guest scientist at the Bell Laboratories, Murray Hill, N.Y. In March 1994 he left the Philips Research Laboratories, taking a position at the Van der Waals-Zeeman Institute, University of Amsterdam and having simultaneously a part-time professorship at the University of Leiden.

His teaching activities are in the field of Metal Physics and Magnetic Materials. He has published more than 1100 papers in international scientific journals and is author of several review papers and handbook chapters on magnetic materials, metal hydrides and amorphous alloys. He is Editor-in-Chief of the Journal of Alloys and Compounds, Advisory Editor of the Journal of Magnetism and Magnetic Materials and is also Editor of the Series Handbook Magnetic Materials. Recently he became one of the Editors-in-Chief of the Encyclopedia of Materials: Science and Technology.

## Users Review

### From reader reviews:

#### Mary Barker:

Can you one of the book lovers? If so, do you ever feeling doubt if you are in the book store? Try to pick one book that you find out the inside because don't judge book by its include may doesn't work the following is difficult job because you are scared that the inside maybe not because fantastic as in the outside seem likes. Maybe you answer can be Handbook of Magnetic Materials, Volume 21 why because the excellent cover that make you consider with regards to the content will not disappoint you. The inside or content is definitely fantastic as the outside or perhaps cover. Your reading 6th sense will directly direct you to pick up this book.

**Janet Huynh:**

Reading a book to become new life style in this yr; every people loves to learn a book. When you go through a book you can get a great deal of benefit. When you read publications, you can improve your knowledge, because book has a lot of information upon it. The information that you will get depend on what sorts of book that you have read. In order to get information about your study, you can read education books, but if you act like you want to entertain yourself read a fiction books, this kind of us novel, comics, in addition to soon. The Handbook of Magnetic Materials, Volume 21 offer you a new experience in reading a book.

**Jason Serrano:**

That reserve can make you to feel relax. This kind of book Handbook of Magnetic Materials, Volume 21 was bright colored and of course has pictures on there. As we know that book Handbook of Magnetic Materials, Volume 21 has many kinds or variety. Start from kids until young adults. For example Naruto or Private investigator Conan you can read and believe you are the character on there. Therefore , not at all of book are make you bored, any it offers up you feel happy, fun and chill out. Try to choose the best book for you and try to like reading in which.

**Robin Lawrence:**

A lot of guide has printed but it is unique. You can get it by web on social media. You can choose the very best book for you, science, amusing, novel, or whatever by simply searching from it. It is called of book Handbook of Magnetic Materials, Volume 21. You can add your knowledge by it. Without causing the printed book, it could possibly add your knowledge and make you actually happier to read. It is most important that, you must aware about reserve. It can bring you from one place to other place.

**Download and Read Online Handbook of Magnetic Materials,  
Volume 21 From North Holland #T8MUA4756VB**

## **Read Handbook of Magnetic Materials, Volume 21 From North Holland for online ebook**

Handbook of Magnetic Materials, Volume 21 From North Holland Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Handbook of Magnetic Materials, Volume 21 From North Holland books to read online.

### **Online Handbook of Magnetic Materials, Volume 21 From North Holland ebook PDF download**

**Handbook of Magnetic Materials, Volume 21 From North Holland Doc**

**Handbook of Magnetic Materials, Volume 21 From North Holland Mobipocket**

**Handbook of Magnetic Materials, Volume 21 From North Holland EPub**

**T8MUA4756VB: Handbook of Magnetic Materials, Volume 21 From North Holland**