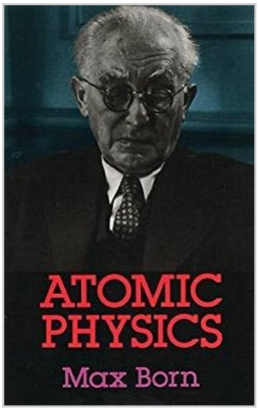

Atomic Physics: 8th Edition (Dover Books on Physics)

By Max Born, Physics

Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics

First published in English in 1935, this classic treatment is well known to students and teachers of physics around the world. Since its original publication, Professor Born (Nobel laureate, 1954) continually updated the book to incorporate new developments in all branches of physics, particularly in the field of elementary particles. For this eighth edition he also wrote a new chapter on the quantum theory of solids.
Contents include:
Kinetic theory of gases
Elementary particles
Spin of the electron and Paul's principle
The nuclear atom
Wave-corpuscles
Atomic structure and spectral lines
Quantum statistics
Molecular structure
Quantum theory of solids
Nuclear physics
Over 40 helpful appendixes, dealing with the mean square deviation, theory of relativity, electron theory, the Compton effect, Hamiltonian theory and action variables, atomic form factor, meson theory, van der Waals forces, and other topics supplement the main text. A bibliography and numerous figures and graphs further enhance the usefulness of *Atomic Physics*, which retains its value as a broad treatment of basic physics from the special perspective of a towering figure in the field.

Atomic Physics: 8th Edition (Dover Books on Physics)

By Max Born, Physics

Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics

First published in English in 1935, this classic treatment is well known to students and teachers of physics around the world. Since its original publication, Professor Born (Nobel laureate, 1954) continually updated the book to incorporate new developments in all branches of physics, particularly in the field of elementary particles. For this eighth edition he also wrote a new chapter on the quantum theory of solids.
Contents include:
Kinetic theory of gases
Elementary particles
Spin of the electron and Paul's principle
The nuclear atom
Wave-corpuscles
Atomic structure and spectral lines
Quantum statistics
Molecular structure
Quantum theory of solids
Nuclear physics
Over 40 helpful appendixes, dealing with the mean square deviation, theory of relativity, electron theory, the Compton effect, Hamiltonian theory and action variables, atomic form factor, meson theory, van der Waals forces, and other topics supplement the main text. A bibliography and numerous figures and graphs further enhance the usefulness of *Atomic Physics*, which retains its value as a broad treatment of basic physics from the special perspective of a towering figure in the field.

Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics Bibliography

- Sales Rank: #676680 in Books
- Published on: 1989-06-01
- Released on: 1989-06-01
- Original language: German
- Number of items: 1
- Dimensions: 8.50" h x 5.50" w x 1.25" l, 1.22 pounds
- Binding: Paperback
- 544 pages

Editorial Review

Language Notes
Text: English, German (translation)

About the Author
Born was a physicist. He becaome a prpfessor of theoretical physics at Gottingen, a lecturer at Cambridge, and professor of natural philosophy at Edinburgh. He won the Nobel Prize in 1954 with Walter Bothe in the field of quantam physics.

Blin-Stoyle, former IOP President, former Professor in the Department of Physics and Astronomy, University of Sussex, UK.

Users Review

From reader reviews:

George Cardenas:

Book is to be different for every grade. Book for children right up until adult are different content. To be sure that book is very important usually. The book Atomic Physics: 8th Edition (Dover Books on Physics) seemed to be making you to know about other understanding and of course you can take more information. It is extremely advantages for you. The guide Atomic Physics: 8th Edition (Dover Books on Physics) is not only giving you a lot more new information but also for being your friend when you sense bored. You can spend your own spend time to read your guide. Try to make relationship with the book Atomic Physics: 8th Edition (Dover Books on Physics). You never experience lose out for everything when you read some books.

Gayle Stalder:

Here thing why this particular Atomic Physics: 8th Edition (Dover Books on Physics) are different and trustworthy to be yours. First of all reading through a book is good nevertheless it depends in the content than it which is the content is as scrumptious as food or not. Atomic Physics: 8th Edition (Dover Books on Physics) giving you information deeper since different ways, you can find any book out there but there is no publication that similar with Atomic Physics: 8th Edition (Dover Books on Physics). It gives you thrill looking at journey, its open up your own personal eyes about the thing this happened in the world which is might be can be happened around you. You can bring everywhere like in recreation area, café, or even in your means home by train. If you are having difficulties in bringing the imprinted book maybe the form of Atomic Physics: 8th Edition (Dover Books on Physics) in e-book can be your option.

Tony Sanford:

Reading a reserve can be one of a lot of activity that everyone in the world enjoys. Do you like reading book consequently. There are a lot of reasons why people enjoyed. First reading a publication will give you a lot

of new data. When you read a publication you will get new information due to the fact book is one of various ways to share the information or perhaps their idea. Second, reading through a book will make you actually more imaginative. When you examining a book especially fiction book the author will bring that you imagine the story how the figures do it anything. Third, you could share your knowledge to other individuals. When you read this Atomic Physics: 8th Edition (Dover Books on Physics), you can tells your family, friends and also soon about yours guide. Your knowledge can inspire the mediocre, make them reading a e-book.

Joseph Dolezal:

You can find this Atomic Physics: 8th Edition (Dover Books on Physics) by look at the bookstore or Mall. Simply viewing or reviewing it can to be your solve issue if you get difficulties for the knowledge. Kinds of this guide are various. Not only by written or printed but in addition can you enjoy this book by simply e-book. In the modern era just like now, you just looking from your mobile phone and searching what your problem. Right now, choose your own ways to get more information about your publication. It is most important to arrange yourself to make your knowledge are still change. Let's try to choose right ways for you.

Read Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics for online ebook

Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics 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 Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics books to read online.

Online Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics ebook PDF download

Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics Doc

Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics Mobipocket

Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics EPub

3KNLQ8HOC60: Atomic Physics: 8th Edition (Dover Books on Physics) By Max Born, Physics