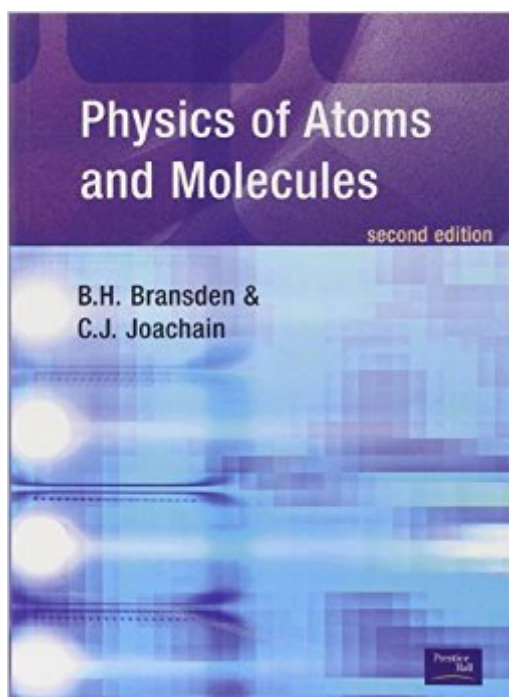


The book was found

Physics Of Atoms And Molecules (2nd Edition)



Synopsis

New edition of a well-established second and third year textbook for Physics degree students, covering the physical structure and behaviour of atoms and molecules. The aim of this new edition is to provide a unified account of the subject within an undergraduate framework, taking the opportunity to make improvements based on the teaching experience of users of the first edition, and cover important new developments in the subject.

Book Information

Paperback: 1128 pages

Publisher: Pearson; 2 edition (June 23, 2003)

Language: English

ISBN-10: 058235692X

ISBN-13: 978-0582356924

Product Dimensions: 6.7 x 2.6 x 9.1 inches

Shipping Weight: 3.9 pounds (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars See all reviews (3 customer reviews)

Best Sellers Rank: #558,555 in Books (See Top 100 in Books) #50 in Books > Science & Math > Physics > Nuclear Physics > Atomic & Nuclear Physics #486 in Books > Business & Money > Management & Leadership > Management Science #552 in Books > Science & Math > Physics > Quantum Theory

Customer Reviews

This book contains a complete program on the atomic and molecular physics field, where the concepts are correctly explained, not leaving behind the formalism but making them easy to follow and understand for the student. I would like to leave a note on what I think is a very small number of examples, which sometimes would help to make the explanations and concepts more digestible. So far, I had used the first edition, and this 2nd edition, while more complete and reformatted, has not changed too much the good book it has always been. On another note, I simply can't understand how difficult it is to find/purchase this book anywhere else out of . Even in the publishing house I had troubles trying to purchase it! Eventually, was the answer (a bit more expensive but not a huge difference) and I have no regrets. It was delivered way before the expected date and that is a thumbs-up in my opinion. It is surprising because in every field of each science, there are always a few basic books that should be available -almost- everywhere, and in the field of atomic physics, this is definitely one.

This book is comprehensive, updated, and enjoys the ineffable insight and clarity of a real institution in the field: prof. C. J. Joachain. A definite plus is that the discussions are disseminated with a lot of references to the literature, so it can work as a good introduction to any of the manifold fields treated. It is true, though, that it is not extremely advanced, nor very general in its derivations, therefore if you are looking for THE "summa theologica", perhaps this is not what you are looking for.

This is an excellent textbook, with a very comprehensive compilation of standard and more modern concepts on atomic and molecular physics. We use this book for the course "Atomic and Molecular Physics" of the Degree of Physics, at the University of Seville, Spain. I congratulate the authors for this wonderful work!

[Download to continue reading...](#)

Physics of Atoms and Molecules (2nd Edition) Quantum Physics of Atoms, Molecules, Solids, Nuclei, and Particles Behavior of Electrons in Atoms. Structure, Spectra, and Photochemistry of Atoms Density-Functional Theory of Atoms and Molecules (International Series of Monographs on Chemistry) Electron Spectrometry of Atoms using Synchrotron Radiation (Cambridge Monographs on Atomic, Molecular and Chemical Physics) Atoms, Radiation, and Radiation Protection, 2nd Edition The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Energy and power: How man uses animals, wind, water, heat, electricity, chemistry, and atoms to help him in his daily living (Golden library of knowledge) Zoom: How Everything Moves: From Atoms and Galaxies to Blizzards and Bees Coherence and Statistics of Photons and Atoms Atoms, Radiation, and Radiation Protection Atoms Under the Floorboards: The Surprising Science Hidden in Your Home (Bloomsbury Sigma) Chemistry: An Atoms-Focused Approach Student's Solutions Manual: for Chemistry: An Atoms-Focused Approach Comprehensive Heterocyclic Chemistry : Comprehensive Heterocyclic Chemistry, Five-Membered Rings with Oxygen, Sulfur or Two or More Nitrogen Atoms Multiple Bonds between Metal Atoms The Stability of Matter: From Atoms to Stars: Selecta of Elliot H. Lieb Ludwig Boltzmann: The Man Who Trusted Atoms Structure-based Design of Drugs and Other Bioactive Molecules: Tools and Strategies Anti-Cancer Molecules: Structure, Function, and Design (Annals of the New York Academy of Sciences)

[Dmca](#)