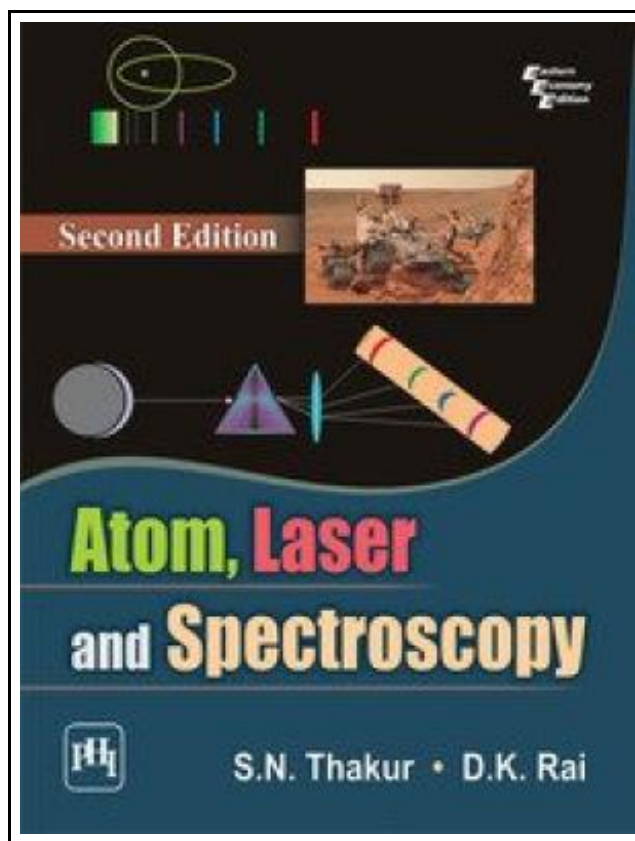


Atom, Laser and Spectroscopy (Second Edition)



Filesize: 9.15 MB

Reviews

*Most of these publication is the greatest publication offered. It is actually rally intriguing throgh reading period of time. You can expect to like just how the article writer create this publication.
(Eddie Schuppe)*

ATOM, LASER AND SPECTROSCOPY (SECOND EDITION)



PHI Learning 0. Softcover. Book Condition: New. 2nd edition. Experimental spectroscopic techniques, especially those involving lasers, have wide-ranging applications in the fields of physics, medicine, electronics, and chemistry. Keeping in mind the importance of spectroscopic detection and characterization of atomic and molecular species, this book, now in its Second Edition, is updated. It deals with both the conventional and modern experimental techniques related to atoms, spectroscopy and lasers. It discusses the recent innovations, types and operating principles of lasers and laser systems. A section on Fiber Laser has been added in the new edition of the book. Recent developments in planetary detection of atoms and molecules by Laser Induced Breakdown Spectroscopy (LIBS) has prompted the inclusion of a section on LIBS on planet Mars along with its applications. Primarily intended as a text for undergraduate and postgraduate students of Physics in various Indian universities, this uptodate book would be immensely useful also for both undergraduate and postgraduate students in Chemistry, Astrophysics, Metallurgy and Material Science, and Geology and Mining. Key Features Coverage is quite extensive to cater to students of most Indian universities?with detailed discussions on atoms, spectroscopy and lasers. Gives special emphasis on modern aspects of spectroscopy such as laser cooling of atoms. Contains more than 140 diagrams to illustrate the concepts better. Contents: Preface 1. Quantization of Electromagnetic Radiations 2. Line Spectra of Atoms and the Old Quantum Theory 3. Quantum Mechanics and the Central Field Approximation in Atoms 4. Radiation from Atoms and Selection Rules 5. Periodic Classification of Atoms and the Pauli Exclusion Principle 6. Spectra of Alkali Atoms 7. Spectra of Atoms with two Valence Electrons and the Vector Model of Atom 8. Effect of Static Fields on Spectral Lines 9. The Effect of Nucleus in Atomic Spectra 10. Spectral Line Broadening and High Resolution...



[Read Atom, Laser and Spectroscopy \(Second Edition\) Online](#)



[Download PDF Atom, Laser and Spectroscopy \(Second Edition\)](#)

See Also



Aeschylus

BiblioLife. Paperback. Book Condition: New. This item is printed on demand. Paperback. 260 pages. Dimensions: 8.0in. x 5.0in. x 0.6in. This Translation of Aeschylus, an entirely new one, is designed as an Appendix to my...

[Read Document »](#)



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

[Read Document »](#)



Genuine entrepreneurship education (secondary vocational schools teaching book) 9787040247916(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 :2008-08-01 Pages: 175 Publisher: Higher Education Basic information title: entrepreneurship education...

[Read Document »](#)



9787111391760HTML5 game developed combat (Huazhang programmers stacks) (clear and full)(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 :2012-07-01 Pages: 260 Publisher: Machinery Industry Press title: HTML5 game development...

[Read Document »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625) (Paperback)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now...

[Read Document »](#)