

Quantum Mechanics, Second Edition

Filesize: 8.93 MB

Reviews

Undoubtedly, this is the best function by any writer. It usually will not charge too much. I am just very easily can get a pleasure of looking at a written ebook. (Alivia Quigley MD)

QUANTUM MECHANICS, SECOND EDITION



PHI Learning, 2009. Softcover. Book Condition: New. 2nd edition. The Second Edition of this concise and compact text offers students a thorough understanding of the basic principles of quantum mechanics and their applications to various physical and chemical problems. This thoroughly class-texted material aims to bridge the gap between the books which give highly theoretical treatments and the ones which present only the descriptive accounts of quantum mechanics. Every effort has been made to make the book explanatory, exhaustive and student friendly. The text focuses its attention on problem-solving to accelerate the student?s grasp of the basic concepts and their applications. What is new to this Edition : Includes new chapters on Field Quantization and Chemical Bonding. Provides new sections on Rayleigh Scattering and Raman Scattering. Offers additional worked examples and problems illustrating the various concepts involved. This textbook is designed as a textbook for postgraduate and advanced undergraduate courses in physics and chemistry. Solutions Manual containing the solutions to chapter-end exercises is available for instructors. CONTENTS Preface Preface to the First Edition 1. Origin of the Quantum Theory 2. Wave Mechanical Concepts 3. General Formalism of Quantum Mechanics 4. One-Dimensional Energy Eigenvalue Problems 5. Three-Dimensional Energy Eigenvalue Problems 6. Heisenberg Method 7. Symmetry and Conservation Laws 8. Angular Momentum 9. Time-Independent Perturbation Theory 10. The Variation Method 11. WKB Approximation 12. Time-Dependent Perturbation Theory 13. Many Electron Atoms 14. Scattering 15. Relativistic Wave Equations 16. Elements of Field Quantization 17. Chemical Bonding Appendices ? Bibliography Answers to Problems Index Printed Pages: 520.

Read Quantum Mechanics, Second Edition Online
Download PDF Quantum Mechanics, Second Edition

Other eBooks

What is Love A Kid Friendly Interpretation of 1 John 311, 16-18 1 Corinthians 131-8 13

Teaching Christ's Children Publishing. Paperback. Book Condition: New. Daan Yahya (illustrator). Paperback. 26 pages. Dimensions: 10.0in. x 8.0in. x 0.1in. What is Love is a Bible based picture book that is designed to help children understand... Save Document »

Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 215 x 108 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books... Save Document »

Daddyteller: How to Be a Hero to Your Kids and Teach Them What s Really by Telling Them One Simple Story at a Time

Createspace, United States, 2013. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.You have the power, Dad, to influence and educate your child. You can... Save Document »

	_	

If I Have to Tell You One More Time: the Revolutionary Program That Gets Your Kids to Listen without Nagging, Reminding or Yelling

Tarcher/Putnam, US, United States, 2012. Paperback. Book Condition: New. 206 x 137 mm. Language: English. Brand New Book. The Revolutionary Program That Gets Your Kids To Listen Without Nagging, Reminding, or Yelling Why does it... Save Document »

_

A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to...

Save Document »