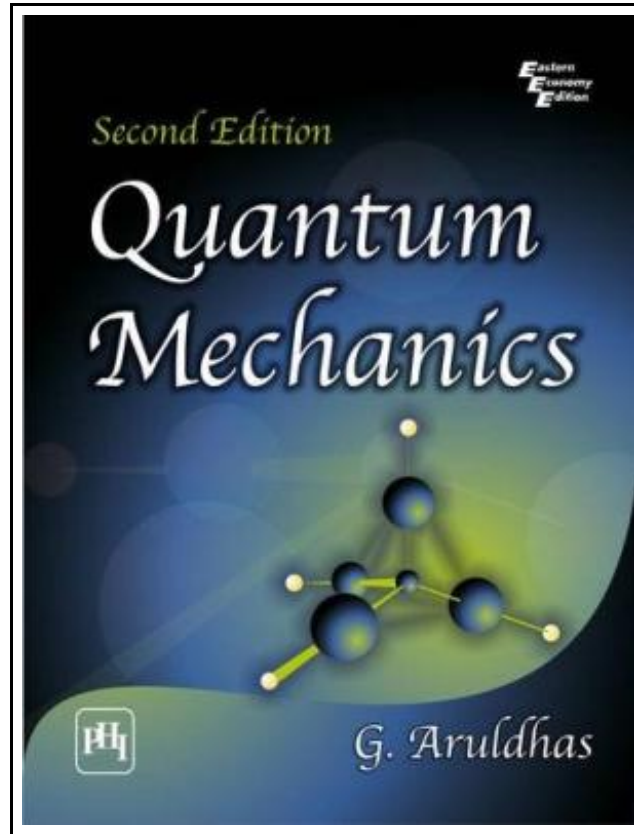


Quantum Mechanics, Second Edition



Filesize: 7.16 MB

Reviews

This book is fantastic. This is certainly for all those who statte there had not been a really worth reading. It is extremely difficult to leave it before concluding, once you begin to read the book.
(Prof. Dale Fahey MD)

QUANTUM MECHANICS, SECOND EDITION



To get **Quantum Mechanics, Second Edition** eBook, make sure you refer to the hyperlink beneath and save the file or have access to other information which might be relevant to QUANTUM MECHANICS, SECOND EDITION ebook.

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](#)

See Also



[PDF] You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Click the web link under to read "You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most" document.

[Download Document »](#)



[PDF] Memoirs of Robert Cary, Earl of Monmouth

Click the web link under to read "Memoirs of Robert Cary, Earl of Monmouth" document.

[Download Document »](#)



[PDF] Gypsy Breynton

Click the web link under to read "Gypsy Breynton" document.

[Download Document »](#)



[PDF] Aeschylus

Click the web link under to read "Aeschylus" document.

[Download Document »](#)



[PDF] Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it? (Paperback)

Click the web link under to read "Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it? (Paperback)" document.

[Download Document »](#)



[PDF] Forest Fairytale Knits

Click the web link under to read "Forest Fairytale Knits" document.

[Download Document »](#)