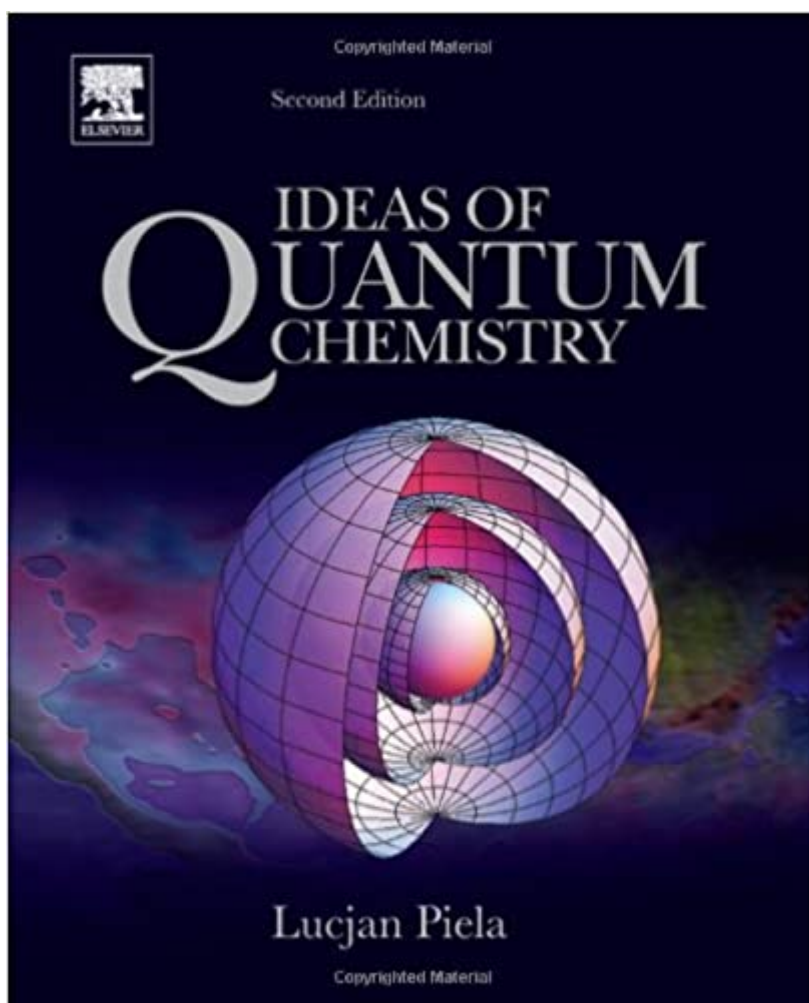


The book was found

Ideas Of Quantum Chemistry, Second Edition



Synopsis

Ideas of Quantum Chemistry shows how quantum mechanics is applied to chemistry to give it a theoretical foundation. From the Schrodinger equation to electronic and nuclear motion to intermolecular interactions, this book covers the primary quantum underpinnings of chemical systems. The structure of the book (a TREE-form) emphasizes the logical relationships among various topics, facts and methods. It shows the reader which parts of the text are needed for understanding specific aspects of the subject matter. Interspersed throughout the text are short biographies of key scientists and their contributions to the development of the field. Ideas of Quantum Chemistry has both textbook and reference work aspects. Like a textbook, the material is organized into digestible sections with each chapter following the same structure. It answers frequently asked questions and highlights the most important conclusions and the essential mathematical formulae in the text. In its reference aspects, it has a broader range than traditional quantum chemistry books and reviews virtually all of the pertinent literature. It is useful both for beginners as well as specialists in advanced topics of quantum chemistry. An appendix on the Internet supplements this book. Presents the widest range of quantum chemical problems covered in one book Unique structure allows material to be tailored to the specific needs of the reader Informal language facilitates the understanding of difficult topics

Book Information

Hardcover: 1078 pages

Publisher: Elsevier; 2 edition (December 17, 2013)

Language: English

ISBN-10: 0444594361

ISBN-13: 978-0444594365

Product Dimensions: 2.2 x 7.8 x 9.2 inches

Shipping Weight: 5.1 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 3 customer reviews

Best Sellers Rank: #2,285,695 in Books (See Top 100 in Books) #101 in [Books > Science & Math > Chemistry > Physical & Theoretical > Quantum Chemistry](#) #157 in [Books > Science & Math > Chemistry > Molecular Chemistry](#) #1850 in [Books > Science & Math > Physics > Quantum Theory](#)

Customer Reviews

When searching for a thorough description of theory of quantum physics applied to biochemistry -

this is the best choice! I have read it in original (Polish) but I am sure that in English it's as good. There is a lot of advanced mathematics but the story-telling narration makes it seem just naturally placed. Wonderful!

This is a rather complete and comprehensive book on quantum chemistry. Despite its thoroughness, it is surprisingly readable and interesting. The topics are laid out and developed in a graded manner. It can serve admirably both as a textbook and a reference. It is rather expensive though.

Excellent!

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

Advanced Molecular Quantum Mechanics: An Introduction to Relativistic Quantum Mechanics and the Quantum Theory of Radiation (Studies in Chemical Physics) Ideas of Quantum Chemistry, Second Edition Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Quantum Chemistry & Spectroscopy Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (Engel Physical Chemistry Series) Ideas of Quantum Chemistry Modern Quantum Chemistry: Introduction to Advanced Electronic Structure Theory (Dover Books on Chemistry) Quantum Mechanics in Chemistry (Dover Books on Chemistry) Recent Advances in the Theory of Chemical and Physical Systems: Proceedings of the 9th European Workshop on Quantum Systems in Chemistry and Physics ... in Theoretical Chemistry and Physics) Problems and Solutions in Quantum Chemistry and Physics (Dover Books on Chemistry) Physical Chemistry: Quantum Chemistry and Molecular Interactions, Books a la Carte Plus MasteringChemistry with eText -- Access Card Package Quantum Chemistry 2nd Second edition byMcQuarrie Quantum Ontology: A Guide to the Metaphysics of Quantum Mechanics Quantum Nanoelectronics: An introduction to electronic nanotechnology and quantum computing Introduction to Topological Quantum Matter & Quantum Computation Quantum Mechanics: Re-engineering Your Life With Quantum Mechanics & Affirmations Quantum Runes: How to Create Your Perfect Reality Using Quantum Physics and Teutonic Rune Magic (Creating Magick with The Universal Laws of Attraction Book 1) Delirious, A Quantum Novel (Quantum Series Book 6) Quantum Thermodynamics: Emergence of Thermodynamic Behavior Within Composite Quantum Systems (Lecture Notes in Physics)

Covariant Loop Quantum Gravity: An Elementary Introduction to Quantum Gravity and Spinfoam Theory (Cambridge Monographs on Mathematical Physics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)