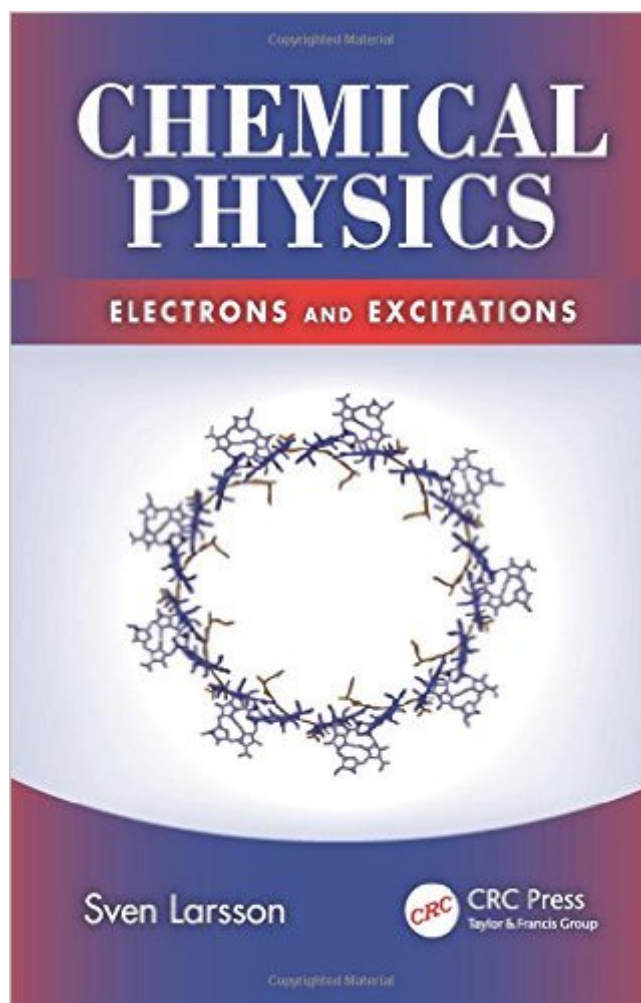


The book was found

# Chemical Physics: Electrons And Excitations



## Synopsis

A full understanding of modern chemistry is impossible without quantum theory. Since the advent of quantum mechanics in 1925, a number of chemical phenomena have been explained, such as electron transfer, excitation energy transfer, and other phenomena in photochemistry and photo-physics. Chemical bonds can now be accurately calculated with the help of a personal computer. Addressing students of theoretical and quantum chemistry and their counterparts in physics, *Chemical Physics: Electrons and Excitations* introduces chemical physics as a gateway to fields such as photo physics, solid-state physics, and electrochemistry. Offering relevant background in theory and applications, it covers the foundations of quantum mechanics and molecular structure, as well as more specialized topics such as transfer reactions and photochemistry.

## Book Information

Hardcover: 529 pages

Publisher: CRC Press; 1 edition (February 15, 2012)

Language: English

ISBN-10: 1439822514

ISBN-13: 978-1439822517

Product Dimensions: 6.4 x 1.3 x 9.3 inches

Shipping Weight: 1.9 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,084,355 in Books (See Top 100 in Books) #46 in Books > Science & Math > Chemistry > Chemical Physics #3075 in Books > Science & Math > Chemistry > Physical & Theoretical #10338 in Books > Textbooks > Science & Mathematics > Chemistry

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

*Chemical Physics: Electrons and Excitations* *Advances in Chemical Physics, Volume 15: Stochastic Processes in Chemical Physics* (v. 15) *Introduction to the Physics of Electrons in Solids* *Chemical Dynamics at Low Temperatures* (*Advances in Chemical Physics*) *Electronic Structure and the Properties of Solids: The Physics of the Chemical Bond* (*Dover Books on Physics*) *Fundamental Aspects of Plasma* *Chemical Physics: Transport* (*Springer Series on Atomic, Optical, and Plasma Physics*) *Introduction to Chemical Physics* (*International Series In Pure And Applied Physics*) *The Chemical Physics of Ice* (*Cambridge Monographs on Physics*) *Behavior of Electrons in Atoms. Structure, Spectra, and Photochemistry of Atoms* *Interacting Electrons: Theory and Computational*

Approaches There Are No Electrons: Electronics for Earthlings Pushing Electrons: A Guide for Students of Organic Chemistry The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Healing Severe Chemical and EMF Sensitivity: Our Breakthrough Cure for Multiple Chemical Sensitivities (MCS) and Electro-hypersensitivity (EHS) Analysis, Synthesis and Design of Chemical Processes (4th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) 4th (fourth) Edition by Turton, Richard, Bailie, Richard, Whiting, Wallace B., Shaei [2012] Chemical Engineering Design and Analysis: An Introduction (Cambridge Series in Chemical Engineering) The Principles of Chemical Equilibrium: With Applications in Chemistry and Chemical Engineering Analysis of Engineering Design Studies for Demilitarization of Assembled Chemical Weapons at Pueblo Chemical Depot (The Compass series) Fluid Mechanics for Chemical Engineers (McGraw-Hill Chemical Engineering) Applied Parameter Estimation for Chemical Engineers (Chemical Industries)

[Dmca](#)