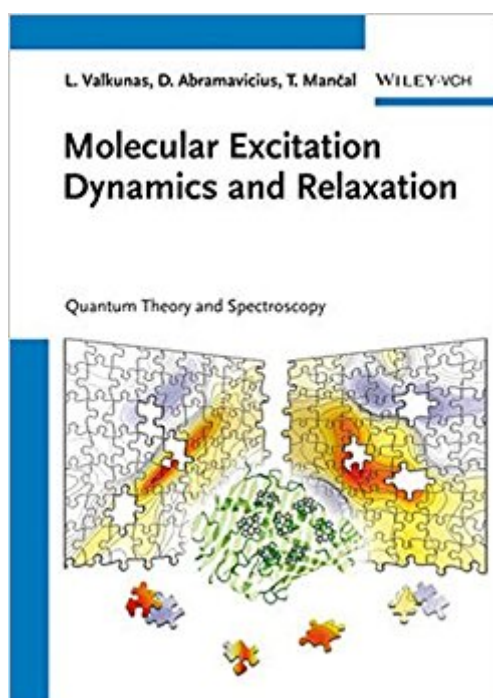


The book was found

# Molecular Excitation Dynamics And Relaxation: Quantum Theory And Spectroscopy



## Synopsis

This work brings together quantum theory and spectroscopy to convey excitation processes to advanced students and specialists wishing to conduct research and understand the entire field rather than just single aspects. Written by experienced authors and recognized authorities in the field, this text covers numerous applications and offers examples taken from different disciplines. As a result, spectroscopists, molecular physicists, physical chemists, and biophysicists will all find this a must-have for their research. Also suitable as supplementary reading in graduate level courses.

## Book Information

Hardcover: 470 pages

Publisher: Wiley-VCH; 1 edition (September 23, 2013)

Language: English

ISBN-10: 3527410082

ISBN-13: 978-3527410088

Product Dimensions: 6.9 x 1 x 9.8 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #859,882 in Books (See Top 100 in Books) #82 in Books > Science & Math > Chemistry > Molecular Chemistry #255 in Books > Science & Math > Chemistry > Analytic #284 in Books > Science & Math > Physics > Solid-State Physics

## Customer Reviews

As a result, spectroscopists, molecular physicists, physical chemists, and biophysicists will all find this a must-have for their research. Also suitable as supplementary reading in graduate level courses. (ETDE Energy Database, 1 November 2013)

Professor Leonas Valkunas is Chairman of the Dept. of Theoretical Physics as well as of the committee for studies of biophysics at Vilnius University, Lithuania. His research interests are excitation and charge transfer, spectroscopy of molecular structures and biological macromolecules, including nonlinear methods. Fellowships and research assignments included, after a Fulbright Scholarship at UC Berkeley, stays at New York University and Free University of Amsterdam. Darius Abramavicius is researcher at UC Irvine, CA, USA. Earlier assignments involved research at National Taiwan University, Taiwan, University of Rochester, NY, USA, and University of Vienna. His research interests include nonlinear dynamical systems, quantum computing and coherent

control. Tomas Mancal is research scientist at the Charles University in Prague. After earning his PhD at Humboldt-University at Berlin, Germany, conducted research at institutions like the Lawrence Berkeley National Laboratory and UC Berkeley, USA. His research interests include Non-linear optical and infra-red spectroscopy, ab initio calculations of spectroscopic properties, open quantum systems, and optimal control of molecular dynamics.

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

Molecular Excitation Dynamics and Relaxation: Quantum Theory and Spectroscopy  
Advanced Molecular Quantum Mechanics: An Introduction to Relativistic Quantum Mechanics and the Quantum Theory of Radiation (Studies in Chemical Physics)  
THEORY AND APPLICATION OF QUANTUM MOLECULAR DYNAMICS  
Symmetry and Spectroscopy: An Introduction to Vibrational and Electronic Spectroscopy (Dover Books on Chemistry)  
Nerve and Muscle Excitation  
Transmission Lines With Pulse Excitation (Electrical Science)  
Quantum Chemistry and Spectroscopy (3rd Edition)  
Student Solution Manual for Quantum Chemistry and Spectroscopy  
Student Solutions Manual for Quantum Chemistry and Spectroscopy  
Quantum Chemistry and Spectroscopy, Books a la Carte Edition (3rd Edition)  
Quantum Chemistry & Spectroscopy Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (Engel Physical Chemistry Series)  
Quantum Chemistry & Spectroscopy (2nd Edition)  
Covariant Loop Quantum Gravity: An Elementary Introduction to Quantum Gravity and Spinfoam Theory (Cambridge Monographs on Mathematical Physics)  
Molecular Spectroscopy  
The Quantum Mechanics Solver: How to Apply Quantum Theory to Modern Physics  
Computational Chemistry: Introduction to the Theory and Applications of Molecular and Quantum Mechanics  
Molecular Gas Dynamics: Theory, Techniques, and Applications (Modeling and Simulation in Science, Engineering and Technology)  
Scanning Probe Microscopy and Spectroscopy: Theory, Techniques, and Applications  
Group Theory in Chemistry and Spectroscopy: A Simple Guide to Advanced Usage (Dover Books on Chemistry)  
Coloring Books for Adults  
Relaxation: Swear Word Animal Designs: Swear Word Coloring Book, Swear Word Coloring Book  
Patterns For Relaxation, Fun, and Relieve Your Stress (Volume 5)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)