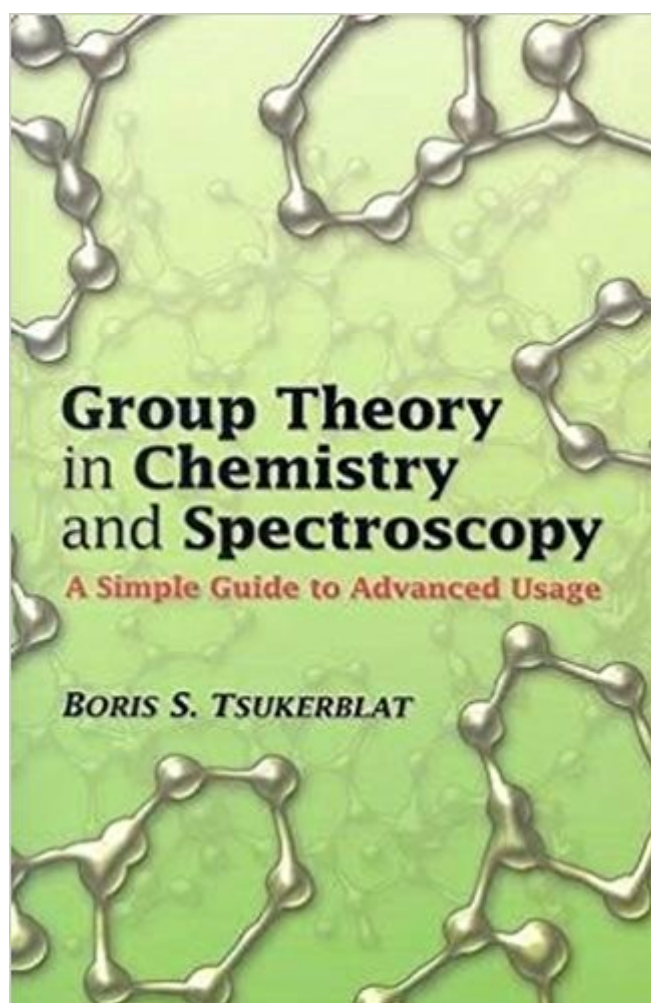




**Ebook Directory**  
the best source of ebook

The book was found

# Group Theory In Chemistry And Spectroscopy: A Simple Guide To Advanced Usage (Dover Books On Chemistry)



## Synopsis

This handbook on group theory is geared toward chemists and experimental physicists who use spectroscopy and require knowledge of the electronic structures of the materials they investigate. Accessible to undergraduate students, it takes an elementary approach to many of the key concepts. Rather than the deductive method common to books on mathematics and theoretical physics, the present volume introduces fundamental concepts with simple examples, relating them to specific chemical and physical problems. The text is centered on detailed analysis of examples. Since neither chemists nor spectroscopists require theorem proofs, very few appear here. Instead, the focus remains on the principal conclusions, their meaning, and their use. In keeping with the text's practical bias, the main results of group theory are presented in all sections as procedures, making possible their systematic and step-by-step application. Each chapter contains problems that develop practical skill and provide a valuable supplement to the text.

## Book Information

Series: Dover Books on Chemistry

Paperback: 464 pages

Publisher: Dover Publications (August 18, 2006)

Language: English

ISBN-10: 048645035X

ISBN-13: 978-0486450353

Product Dimensions: 6.3 x 0.9 x 9.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 1 customer review

Best Sellers Rank: #876,244 in Books (See Top 100 in Books) #127 in [Books > Science & Math > Mathematics > Pure Mathematics > Group Theory](#) #676 in [Books > Science & Math > Chemistry > Physical & Theoretical](#) #2593 in [Books > Science & Math > Chemistry > General & Reference](#)

## Customer Reviews

The book cover was damaged. It looks as if it were cut with a box cutter. Easily 5 stars if the product hadn't been damaged...

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

Group Theory in Chemistry and Spectroscopy: A Simple Guide to Advanced Usage (Dover Books

on Chemistry) Symmetry and Spectroscopy: An Introduction to Vibrational and Electronic Spectroscopy (Dover Books on Chemistry) The Genesis of the Abstract Group Concept: A Contribution to the History of the Origin of Abstract Group Theory (Dover Books on Mathematics) Group Theory and Chemistry (Dover Books on Chemistry) Modern Quantum Chemistry: Introduction to Advanced Electronic Structure Theory (Dover Books on Chemistry) Group Theory and Quantum Mechanics (Dover Books on Chemistry) Joining Together: Group Theory and Group Skills (11th Edition) NMR Spectroscopy in Inorganic Chemistry (Oxford Chemistry Primers) Quantum Chemistry & Spectroscopy Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (Engel Physical Chemistry Series) Quantum Chemistry and Spectroscopy, Books a la Carte Edition (3rd Edition) Symmetry: An Introduction to Group Theory and Its Applications (Dover Books on Physics) Combinatorial Group Theory: Presentations of Groups in Terms of Generators and Relations (Dover Books on Mathematics) Group Theory (Dover Books on Mathematics) A Course on Group Theory (Dover Books on Mathematics) Advanced Paediatric Life Support: A Practical Approach to Emergencies (Advanced Life Support Group) Dictionary of Advanced Russian Usage: A Guide to Idiom, Colloquialisms, Slang and More Topics in Fluorescence Spectroscopy, Vol. 10: Advanced Concepts in Fluorescence Sensing, Pt. B: Macromolecular Sensing Topics in Fluorescence Spectroscopy, Vol. 9: Advanced Concepts in Fluorescence Sensing, Pt. A: Small Molecule Sensing Scanning Probe Microscopy and Spectroscopy: Theory, Techniques, and Applications Molecular Excitation Dynamics and Relaxation: Quantum Theory and Spectroscopy

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)