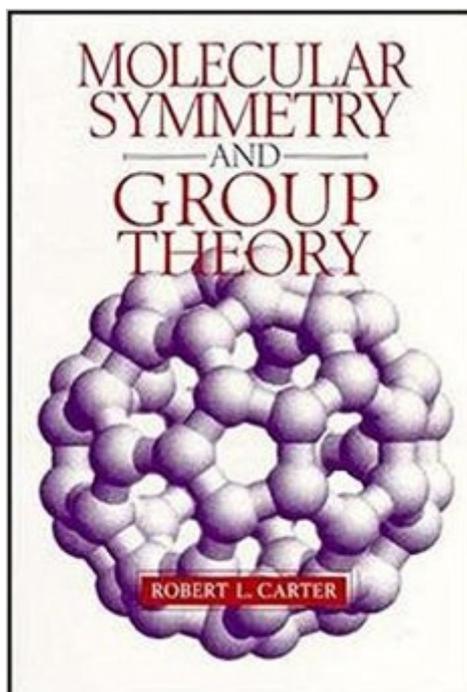


The book was found

# Molecular Symmetry And Group Theory



## Synopsis

A Thorough But Understandable Introduction To Molecular Symmetry And Group Theory As Applied To Chemical Problems! In a friendly, easy-to-understand style, this new book invites the reader to discover by example the power of symmetry arguments for understanding theoretical problems in chemistry. The author shows the evolution of ideas and demonstrates the centrality of symmetry and group theory to a complete understanding of the theory of structure and bonding. Plus, the book offers explicit demonstrations of the most effective techniques for applying group theory to chemical problems, including the tabular method of reducing representations and the use of group-subgroup relationships for dealing with infinite-order groups. Also Available From Wiley: \* Concepts and Models of Inorganic Chemistry, 3/E, by Bodie E. Douglas, Darl H. McDaniel, and John J. Alexander 0-471-62978-2 \* Basic Inorganic Chemistry, 3/E, by F. Albert Cotton, Paul Gaus, and Geoffrey Wilkinson 0-471-50532-3

## Book Information

Paperback: 320 pages

Publisher: Wiley (December 3, 1997)

Language: English

ISBN-10: 0471149551

ISBN-13: 978-0471149552

Product Dimensions: 6.2 x 0.4 x 9.3 inches

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

Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (12 customer reviews)

Best Sellers Rank: #362,649 in Books (See Top 100 in Books) #16 in [Books > Science & Math > Chemistry > Physical & Theoretical > Quantum Chemistry](#) #37 in [Books > Science & Math > Chemistry > Molecular Chemistry](#) #48 in [Books > Science & Math > Mathematics > Pure Mathematics > Group Theory](#)

## Customer Reviews

this small book on symmetry and group theory is easy to understand and packed with examples. it is a small book (only about 300 pages) but everything in it is relevant and to the point. the writing is easy to grasp and the back includes character tables for all the common symmetry groups. buy it!

The strength of this book is its many examples. Carter takes the concepts and applies them to simple inorganic or organic compounds. Very helpful to students. The end of chapter problems are

nice as well. A great text and one that I would recommend to students as well as faculty.

The chapters are well written, with images and illustrations abundant. The challenging end of the chapter problems enhance learning. I would recommend this book to someone who has had a short introduction to group theory already, but wants to dive deeper into the world of molecular symmetry.

This is a text set apart from the pack. It clearly states what other books attempt to describe. There need to be more texts on the market like this. Dr. Carter has taken a subject that has historically been elusive, and presented it in a comprehensive, READABLE volume. This text is helping me through my thesis in chemistry. It is highly practical, easily read, and heavily referenced, all of the qualities, I believe, that make up an excellent text! Excellent work!

The best book I've come across for group theory. Ideas are clearly explained, lots of examples, and wording isn't too technical that it's unclear as to what is being read. Cotton was so confusing that I always defaulted to this one. Highly Recommended by Chemistry Graduate student.

I like the book for what it is. Style wise, it seems to jump around. I used this book to supplement an undergrad inorganic course. So, I used this as a secondary reference if the textbook didn't provide an adequate explanation. This book wasn't that much help. It seemed to have very logical easy to understand explanations at the beginning of a topic then BAM! you have no idea what you just read. It felt like we were hearing half of the story. So, I like the goal, I liked some explanations. I think improved writing/explanations would be in order.

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

Molecular Symmetry and Group Theory : A Programmed Introduction to Chemical Applications, 2nd Edition  
Molecular Symmetry and Group Theory  
Molecular Symmetry and Group Theory: A Programmed Introduction to Chemical Applications  
Number, Shape, & Symmetry: An Introduction to Number Theory, Geometry, and Group Theory  
Symmetry: An Introduction to Group Theory and Its Applications (Dover Books on Physics)  
Introduction to Molecular Symmetry (Oxford Chemistry Primers)  
Flying Tigers Colors: Camouflage and Markings of the American Volunteer Group and the USAAF 23rd Fighter Group, 1941-1945 (Warplane Color Gallery)  
Group Techniques for Program Planning: A Guide to Nominal Group and Delphi Processes  
Brief Group Treatment: Practical Training for Therapists and Counselors (Group Counseling)  
Flashcard Study System for the ACE Group Fitness Instructor Exam: ACE Test Practice Questions & Review for the American Council on

Exercise Group Fitness Instructor Exam EROTICA: BUNDLE - TABOO BOOKS (SWINGERS, CUCKOLD, INTERRACIAL, SHARING, THREESOME, HOTWIFE SHORT SEX STORIES COLLECTION, BDSM GROUP, SEXY FF MM GROUP SERIES) Cellular and Molecular Immunology (Cellular and Molecular Immunology, Abbas) Molecular Pathology of Nervous System Tumors: Biological Stratification and Targeted Therapies (Molecular Pathology Library) High Throughput Screening: Methods and Protocols (Methods in Molecular Biology) (Methods in Molecular Biology, 190) Organic Molecular Photochemistry (Molecular and Supramolecular Photochemistry) Principles of Molecular Virology (Standard Edition), Fourth Edition (Cann, Principles of Molecular Virology) Molecular Visions (Organic, Inorganic, Organometallic) Molecular Model Kit #1 by Darling Models to accompany Organic Chemistry Molecular Cell Biology (Lodish, Molecular Cell Biology) Symmetry and Spectroscopy: An Introduction to Vibrational and Electronic Spectroscopy (Dover Books on Chemistry) Symmetry and the Standard Model: Mathematics and Particle Physics

[Dmca](#)