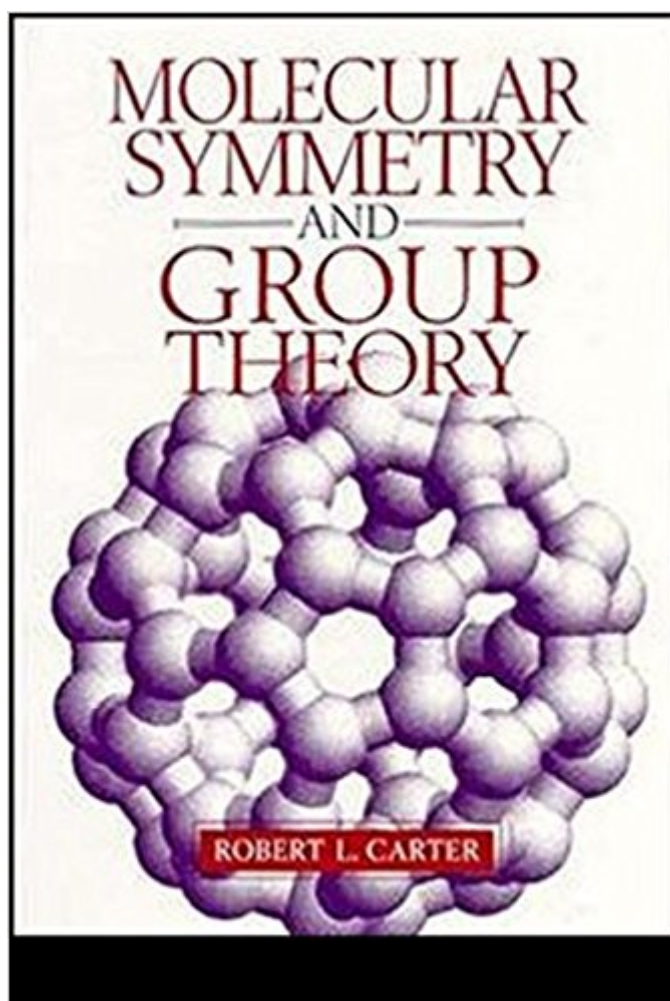




Ebook Directory
the best source of ebook

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: 6.1 x 0.9 x 9.1 inches

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

Average Customer Review: 4.8 out of 5 stars 14 customer reviews

Best Sellers Rank: #390,340 in Books (See Top 100 in Books) #16 in Books > Science & Math > Chemistry > Physical & Theoretical > Quantum Chemistry #51 in Books > Science & Math > Chemistry > Molecular Chemistry #79 in Books > Science & Math > Chemistry > Inorganic

Customer Reviews

A thorough introduction to molecular symmetry and group theory as applied to chemical problems. Readers will discover by example the power of symmetry arguments in understanding otherwise intimidating theoretical problems in chemistry. This book demonstrates the centrality of symmetry and group theory to a complete understanding of the theory of structure and bonding.

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

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.

All great

Great book, I've compared with my classmates that got another version of this (and spent a lot more money) and everything is the same

I used this book for a class at university. It is a good guide for learning molecular symmetry. The textbook isn't super big, and makes for an easier read than many textbooks I have read.

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 book is very helpful for symmetry! I would absolutely recommend this to anyone in inorganic chemistry.

This book was required for one of my classes, and this book delivered in terms of explaining somewhat elusive concepts in a clear and concise manner.

Much better than Cotton's group theory book. This book was easier for me to understand than his

book. Definitely worth it.

[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
Molecular Symmetry and Group Theory: A Programmed Introduction to Chemical Application
Symmetry Rules: How Science and Nature Are Founded on Symmetry (The Frontiers Collection)
Symmetry: An Introduction to Group Theory and Its Applications (Dover Books on Physics)
Symmetry, Group Theory, and the Physical Properties of Crystals (Lecture Notes in Physics)
Symmetry and Structure: Readable Group Theory for Chemists
Shattered Symmetry: Group Theory From the Eightfold Way to the Periodic Table
The Mathematical Theory of Symmetry in Solids: Representation Theory for Point Groups and Space Groups (Oxford Classic Texts in the Physical Sciences)
International Tables for Crystallography, Space-Group Symmetry (IUCr Series. International Tables of Crystallography)
Joining Together: Group Theory and Group Skills (11th Edition)
The Genesis of the Abstract Group Concept: A Contribution to the History of the Origin of Abstract Group Theory (Dover Books on Mathematics)
Introduction to Molecular Symmetry (Oxford Chemistry Primers)
Site Symmetry in Crystals: Theory and Applications (Springer Series in Solid-State Sciences)
Alfred's Group Piano for Adults Student Book 1 (Second Edition): An Innovative Method Enhanced With Audio and Midi Files for Practice and Performance (Alfred's Group Piano for Adults)
Group Dynamics in Occupational Therapy: The Theoretical Basis and Practice Application of Group Intervention
Curriculum-Based Motivation
Group: A Five Session Motivational Interviewing Group Intervention
Alfred's Basic Group Piano Course, Bk 1: A Course Designed for Group Instruction Using Acoustic or Electronic Instruments (Alfred's Basic Piano Library)
Wild at Heart: A Band of Brothers
Small Group Participant's Guide (Small Group Resources)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)