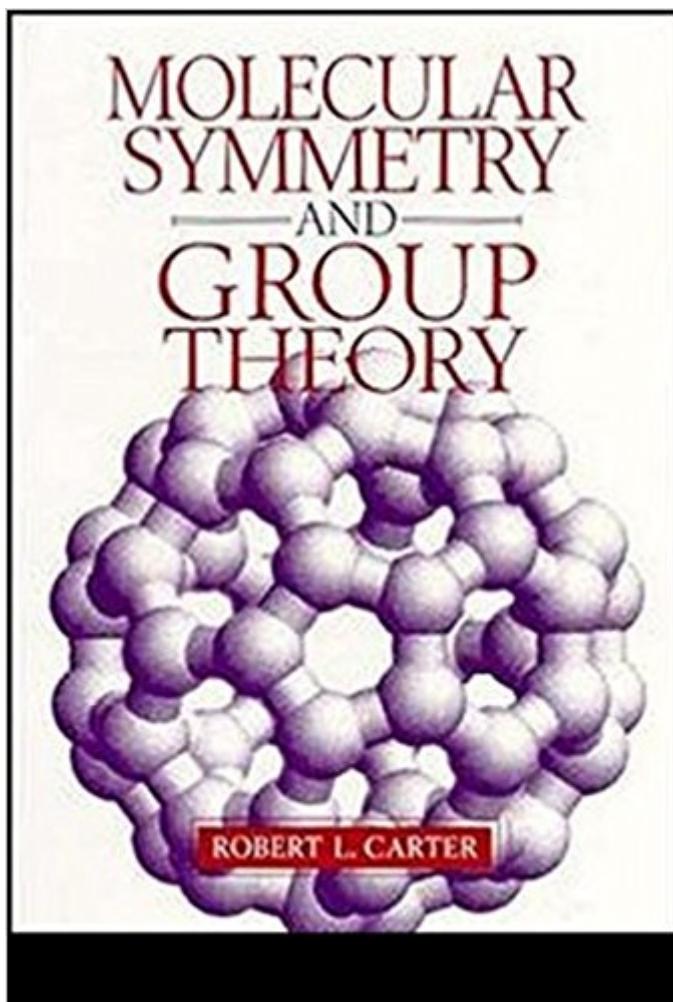


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Molecular Symmetry And Group Theory



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

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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.

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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 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.

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