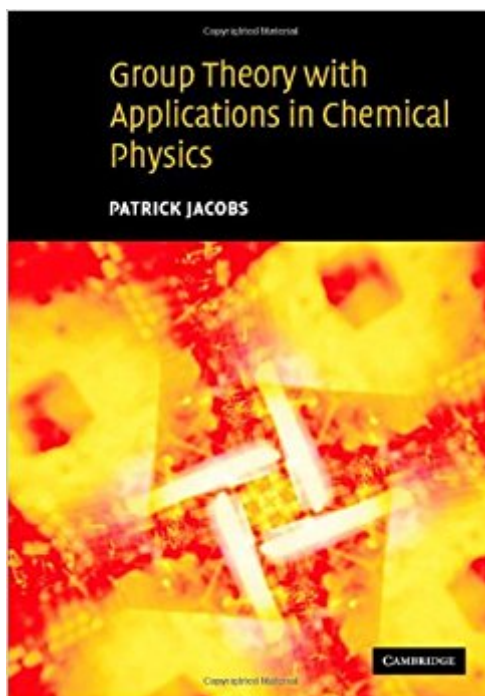


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Group Theory With Applications In Chemical Physics



Synopsis

Group Theory is an indispensable mathematical tool in many branches of physics and chemistry. Providing a detailed account of Group Theory and its applications to chemical physics, the first half of this book focuses on elementary topics, such as molecular and crystal symmetry. The latter, more advanced portion includes proven examples. The book's comprehensive coverage makes it suitable for a two-semester course at the advanced undergraduate and graduate levels.

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Customer Reviews

“The mathematical development is clear and concise, and examples interspersed throughout clearly illustrate the different principles considered. For practicing chemists or physicists with previous exposure to group theory, this book is indispensable. As a primary resource for special-topics graduate courses, this book would be outstanding.” Choice

Group Theory is an indispensable mathematical tool in many branches of physics and chemistry. This book provides a self-contained and rigorous account on the fundamentals and applications of Group Theory and Symmetry to chemical physics. The first half of the book focuses on elementary topics, such as molecular and crystal symmetry, whilst the latter half is more advanced in nature. With the inclusion of worked examples, this is an ideal text for a two semester course at advanced undergraduate and graduate level.

Good book - but poor quality of the equations in the Kindle version. Some equations are unreadable, some symbols are simply wrong. Unacceptable in a mathematical textbook! Let's hope it will be corrected soon.

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