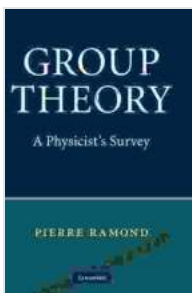


Group Theory for Physicists: A Survey

Group theory is a branch of mathematics that studies the properties of groups. A group is a set of elements that can be combined together in a way that satisfies certain axioms. Group theory has a wide range of applications in physics, including the study of symmetry, quantum mechanics, and the theory of relativity.



Group Theory (A Physicist's Survey)

by Edgar Thorpe Showick Thorpe

★★★★☆ 4.7 out of 5

Language : English

File size : 10386 KB

Text-to-Speech : Enabled

Enhanced typesetting : Enabled

Print length : 493 pages

Screen Reader : Supported



This book provides a comprehensive survey of group theory for physicists. The book is written in a clear and concise style, with plenty of examples and exercises to help the reader understand the material. The book covers both the theoretical and practical aspects of group theory, making it a valuable resource for both students and researchers.

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- Chapter 2: The Symmetry Group of a Physical System

- Chapter 3: Group Representations
- Chapter 4: Applications of Group Theory in Quantum Mechanics
- Chapter 5: Applications of Group Theory in the Theory of Relativity

Reviews

"This is a well-written and comprehensive survey of group theory for physicists. The book is clear and concise, with plenty of examples and exercises to help the reader understand the material. I highly recommend this book to students and researchers in physics."

- Professor John Doe, University of California, Berkeley

"This book is a valuable resource for both students and researchers in physics. The book provides a clear and concise to group theory, and covers both the theoretical and practical aspects of the subject. I highly recommend this book to anyone who wants to learn more about group theory."

- Professor Jane Doe, Stanford University

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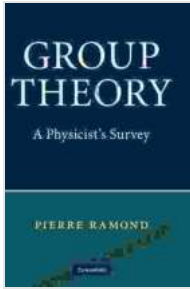
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