

## **METADATA**

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## **Abstract**

The book is adressed to undergraduate students who are studying group theory. The zero-power groups, Chapter 9 (Free groups) and Chapter 10 (Lie algebras and groups) can be also taught to postgraduate students. Teachers and students both undergraduate and postgraduate

will find in this book the necessary material for understanding concepts related to: Isomorphism theorems. Isomorphism structures. Group actions. Abelian groups. Solvable and nilpotent groups. Free group. Free Lie algebra. Construction of Lie algebra from a group.









