Μαθήματα Θεωρίας Ομάδων

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Abstract

This book is intended for undergraduate students studying group theory. The zero-power groups, Chapter 9 (Free groups) and Chapter 10 (Lie algebras and groups) can be taught to graduate students. Teachers and students (undergraduate and graduate) 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.