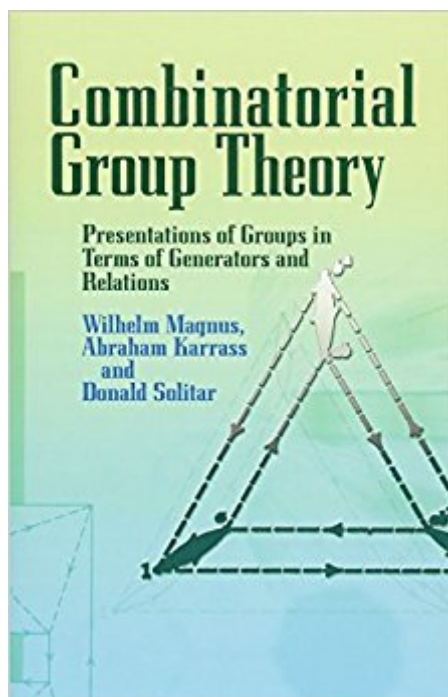




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# Combinatorial Group Theory: Presentations Of Groups In Terms Of Generators And Relations (Dover Books On Mathematics)



## Synopsis

A seminal, much-cited account of combinatorial group theory – coauthored by a distinguished teacher of mathematics and a pair of his colleagues – this text for graduate students features numerous helpful exercises. The book begins with a fairly elementary exposition of basic concepts and a discussion of factor groups and subgroups. The topics of Nielsen transformations, free and amalgamated products, and commutator calculus receive detailed treatment. The concluding chapter surveys word, conjugacy, and related problems; adjunction and embedding problems; varieties of groups; products of groups; and residual and Hopfian properties. In addition to the exercises, which appear throughout the text, supplementary materials include an extensive bibliography of important books and monographs, as well as a list of theorems, corollaries, and definitions and a list of symbols and abbreviations.

## Book Information

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