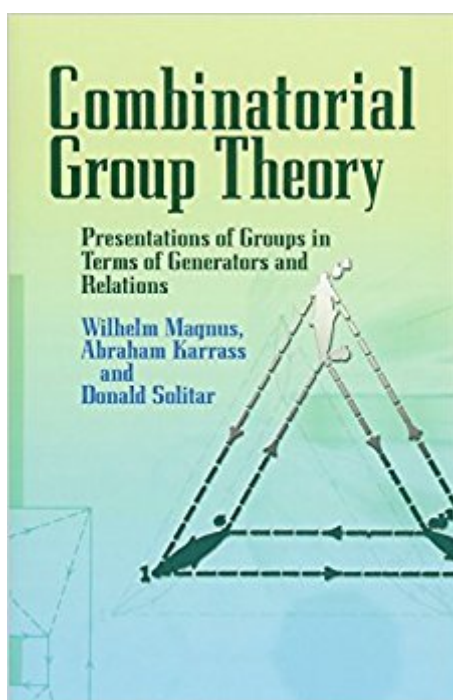


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# Combinatorial Group Theory: Presentations Of Groups In Terms Of Generators And Relations (Dover Books On Mathematics)



## 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

Series: Dover Books on Mathematics

Paperback: 464 pages

Publisher: Dover Publications; 2nd Revised ed. edition (November 12, 2004)

Language: English

ISBN-10: 0486438309

ISBN-13: 978-0486438306

Product Dimensions: 5.5 x 0.9 x 8.4 inches

Shipping Weight: 1 pounds (View shipping rates and policies)

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Best Sellers Rank: #849,077 in Books (See Top 100 in Books) #121 in [Books > Science & Math > Mathematics > Pure Mathematics > Group Theory](#) #172 in [Books > Science & Math > Mathematics > Pure Mathematics > Combinatorics](#) #9313 in [Books > Textbooks > Science & Mathematics > Mathematics](#)

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