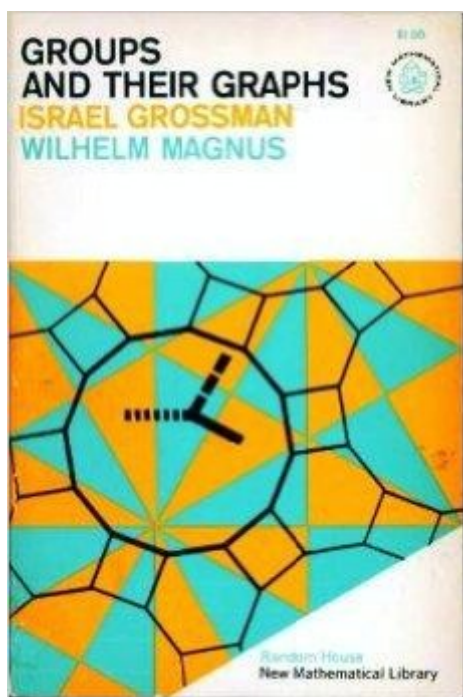# Groups And Their Graphs (New Mathematical Library 14)

Synopsis

This is one of the best books for self study on group theory. It is useful as a class text book for students in high school or freshman undergraduates. Highly recommend this book along with Pinter's. Of course, if you have sound knowledge of fundamentals, this book will not be much use to you except for a few graph interpretations of groups.

Book Information

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Customer Reviews

Graphs are a superb tool for understanding groups and for some reason are not usually taught in the usual introduction to group theory. This book is strictly an elementary introduction to group theory, but I believe it is the best introduction around. If you don't know any group theory and want to get into it, start here. If you know some group theory, but not about graphs of groups, then pick this book up.

This is one of the best books for self study on group theory. It is useful as a class text book for students in high school or freshman undergraduates. Highly recommend this book along with Pinter's. Of course, if you have sound knowledge of fundamentals, this book will not be much use to you except for a few graph interpretations of groups.

The American Mathematical Society publications provide an excellent math education for junior high and high school students as they make for excellent self-study texts at the introductory level. This book is an excellent example of their quality publications. Recommended as a companion book

would be either Pinter's A Book of Abstract Algebra: Second Edition (Dover Books on Mathematics) or Herstein's Abstract Algebra.Also recommended are the various introductory abstract algebra lecture courses (for free) on the internet.

Groups and Their Graphs (New Mathematical Library 14) Groups, Graphs and Trees: An Introduction to the Geometry of Infinite Groups (London Mathematical Society Student Texts) Transformation Groups for Beginners (Student Mathematical Library, Vol. 25) (Student Mathematical Library, V. 25) Handbook of Mathematical Functions: with Formulas, Graphs, and Mathematical Tables (Dover Books on Mathematics) Groups and Symmetries: From Finite Groups to Lie Groups (Universitext) Elementary Algebraic Geometry (Student Mathematical Library, Vol. 20) (Student Mathematical Library, V. 20) Matrix Groups for Undergraduates (Student Mathematical Library,) Charts and Graphs: Microsoft Excel 2010 (MrExcel Library) Representations of Algebraic Groups (Mathematical Surveys and Monographs) Algebra and Trigonometry: Graphs and Models (5th Edition) Precalculus: Graphs and Models, A Right Triangle Approach (6th Edition) Number Power 5: Graphs, Charts, Schedules, and Maps Modeling, Functions, and Graphs: Algebra for College Students (with iLrnTM Printed Access Card) (Available Titles CengageNOW) Charts & Graphs (Surveying): Reference Guide (Surveying Mathematics Made Simple) (Volume 15) Charts & Graphs (Surveying): Reference Guide (Surveying Mathematics Made Simple Book 15) Random Graphs Galois Theory for Beginners: A Historical Perspective (Student Mathematical Library) (Student Matehmatical Library) Mathematical Apocrypha: Stories and Anecdotes of Mathematicians and the Mathematical (Spectrum) Elementary Cryptanalysis: A Mathematical Approach (Mathematical Association of America Textbooks) A Course in Mathematical Modeling (Mathematical Association of America Textbooks)