

The book was found

Groups, Graphs And Trees: An Introduction To The Geometry Of Infinite Groups (London Mathematical Society Student Texts)



Synopsis

This outstanding new book presents the modern, geometric approach to group theory, in an accessible and engaging approach to the subject. Topics include group actions, the construction of Cayley graphs, and connections to formal language theory and geometry. Theorems are balanced by specific examples such as Baumslag-Solitar groups, the Lamplighter group and Thompson's group. Only exposure to undergraduate-level abstract algebra is presumed, and from that base the core techniques and theorems are developed and recent research is explored. Exercises and figures throughout the text encourage the development of geometric intuition. Ideal for advanced undergraduates looking to deepen their understanding of groups, this book will also be of interest to graduate students and researchers as a gentle introduction to geometric group theory.

Book Information

Series: London Mathematical Society Student Texts (Book 73)

Paperback: 244 pages

Publisher: Cambridge University Press; 1 edition (September 15, 2008)

Language: English

ISBN-10: 0521719771

ISBN-13: 978-0521719773

Product Dimensions: 6 x 0.6 x 9 inches

Shipping Weight: 15.2 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (1 customer review)

Best Sellers Rank: #1,159,288 in Books (See Top 100 in Books) #165 in Books > Science & Math > Mathematics > Pure Mathematics > Group Theory #2513 in Books > Textbooks > Science & Mathematics > Mathematics > Algebra & Trigonometry #3280 in Books > Science & Math > Mathematics > Pure Mathematics > Algebra

Customer Reviews

Excellent book - used it for an undergrad course on GGT. Exciting and accessible.

[Download to continue reading...](#)

Groups, Graphs and Trees: An Introduction to the Geometry of Infinite Groups (London Mathematical Society Student Texts) LONDON: The Ultimate Travel Guide With Essential Tips About What To See, Where To Go, Eat And Sleep (London Travel Guide, London Guide, London Traveling Guide) Automorphisms of Surfaces after Nielsen and Thurston (London Mathematical

Society Student Texts) Elementary Algebraic Geometry (Student Mathematical Library, Vol. 20) (Student Mathematical Library, V. 20) Transformation Groups for Beginners (Student Mathematical Library, Vol. 25) (Student Mathematical Library, V. 25) Groups and Their Graphs (New Mathematical Library 14) London Travel Guide: London, England: Travel Guide Book-A Comprehensive 5-Day Travel Guide to London, England & Unforgettable English Travel (Best Travel Guides to Europe Series Book 9) Handbook of Mathematical Functions: with Formulas, Graphs, and Mathematical Tables (Dover Books on Mathematics) Introduction to Operator Space Theory (London Mathematical Society Lecture Note Series) Unpublished London Diaries: A Checklist of unpublished diaries by Londoners and visitors with a Select Bibliography of published diaries (London Record Society) Groups and Symmetries: From Finite Groups to Lie Groups (Universitext) Glencoe Geometry, Student Edition (MERRILL GEOMETRY) Geometry Student Edition CCSS (MERRILL GEOMETRY) Holt McDougal Accelerated Coordinate Algebra/Analytic Geometry A Georgia: Student Workbook Coordinate Algebra/Analytic Geometry A Geometry, Student Edition (MERRILL GEOMETRY) The Beatles' London: A Guide to 467 Beatles Sites in and Around London Algebraic Geometry: A Problem Solving Approach (Student Mathematical Library) Matrix Groups for Undergraduates (Student Mathematical Library,) Books of Breathing and Related Texts -Late Egyptian Religious Texts in the British Museum Vol.1 (Catalogue of the Books of the Dead and Other Religious Texts in the British Museum) Geometry Illuminated: An Illustrated Introduction to Euclidean and Hyperbolic Plane Geometry (Maa Textbooks)

[Dmca](#)