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# Groups, Graphs and Trees

An Introduction to the Geometry of  
Infinite Groups

JOHN MEIER

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London Mathematical Society  
Student Texts 73

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# Groups, Graphs and Trees: An Introduction to the Geometry of Infinite Groups

John Meier

This notable new booklet offers the modern, geometric method of group theory, in an available and interesting method of the subject. Themes comprise team actions, the development of Cayley graphs, and connections to formal language concept and geometry. Theorems are balanced via particular examples equivalent to Baumslag-Solitar groups, the Lamplighter workforce and Thompson's Groups, Graphs and Trees: An Introduction to the Geometry of Infinite Groups group. Purely publicity to undergraduate-level summary algebra is presumed, and from that base the center suggestions and theorems are constructed and up to date learn is explored. Routines and figures during the textual content motivate the improvement of geometric intuition. Excellent for complex undergraduates trying to deepen their figuring out of groups, this e-book may also be of curiosity to graduate scholars and researchers as a gradual creation to geometric group theory.

## Groups Graphs And Trees An Introduction To The Geometry Of Infinite Groups

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