

**Morgan, John W.**

**$\Lambda$ -trees and their applications.** (English) Zbl 0767.05054

Bull. Am. Math. Soc., New Ser. 26, No. 1, 87-112 (1992).

Automorphism groups of trees (called simplicial trees in the paper) are studied by methods from combinatorial group theory. The notion of a tree is generalized to a tree over  $\mathbb{Z}$  ( $\mathbb{Z}$ -tree) or  $\mathbb{R}$  ( $\mathbb{R}$ -tree) and the corresponding generalized theory is discussed.

Reviewer: [V.D.Tonchev \(Houghton\)](#)

**MSC:**

- 05C25 Graphs and abstract algebra (groups, rings, fields, etc.)
- 20F65 Geometric group theory
- 54C10 Special maps on topological spaces (open, closed, perfect, etc.)
- 54H12 Topological lattices, etc. (topological aspects)
- 20G99 Linear algebraic groups and related topics

Cited in **2** Reviews  
Cited in **23** Documents

**Keywords:**

automorphism groups; trees; combinatorial group theory

**Full Text:** [DOI](#) [arXiv](#)

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