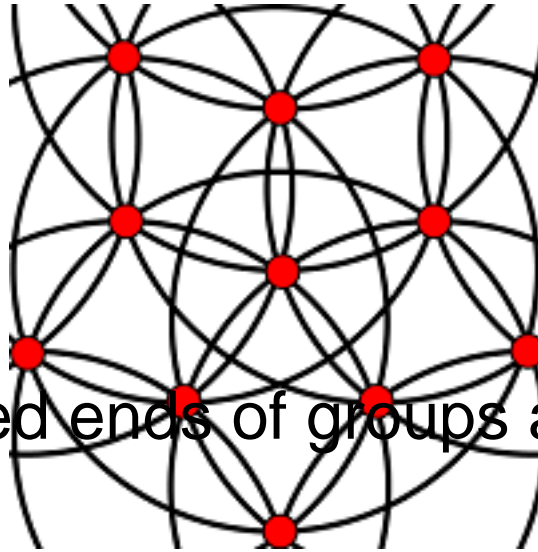


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Generalized ends of groups and graphs

Content :

Roughly speaking an end of a graph $G(V,E)$ is an equivalence class of one-way infinite paths such that any two different equivalence classes can be separated from each other by removing a finite subset S of $V(G)$. In this talk we consider infinite subsets of $V(G)$ with certain growth rates which can be separated from each other by a connected subgraph of G with smaller growth rate. Following the ideas presented in a paper of Stallings we not only generalize the concept of ends, but also some of the well-known results about ends of graphs.

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