2025/09/05 21:38 1/1 Maria Sloughter (Cornell)

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Realizability of Graphs

Abstract for the Combinatorics Seminar 2004 October 11

A graph is *d-realizable* if, given a realization of the graph in some Euclidean space, there exists a realization in d-dimensional Euclidean space with the same edge lengths. For example, any tree is 1-realizable, but a triangle is not. In this talk, we will classify all 3-realizable graphs.

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