

Survey of recent papers on the Hirsch conjecture

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Abstract

The Hirsch conjecture from 1957 states that the diameter of the graph of a d -dimensional convex polytope with n facets is bounded above by $n - d$. Among results published recently are new values of n and d for which the conjecture has been verified and superlinear lower bounds on the diameter of graphs of abstractions of convex polytopes.

Keywords: polytope,diameter.