

学术报告

Maximum cuts of H -free graphs

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Venue: Room 111, Center for Applied Mathematics

Abstract: For a graph G , let $f(G)$ denote the maximum number of edges in a bipartite subgraph of G . For an integer $m \geq 1$ and for a set \mathcal{H} of graphs, let $f(m, \mathcal{H})$ denote the minimum possible cardinality of $f(G)$, as G ranges over all graphs on m edges that contain no member of \mathcal{H} as a subgraph. In particular, for a given graph H , we simply write $f(m, \mathcal{H})$ for $f(m, H)$ when $\mathcal{H} = \{H\}$. In this talk, we give some general lower bounds on $f(m, H)$ for some special graphs H .

欢迎大家参加！