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The Erdős-Sós Conjecture for Graphs Whose Complements Contain No C_4

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摘要 Erdős and Sós conjectured in 1963 (see [1],

Problem 12 in 247) that every graph G on n vertices with size

$e(G) > \frac{1}{2}n(k-1)$ contains every tree T of size k . In

this paper, we prove the conjecture for graphs whose complements

contain no cycles of length 4.

关键词 [Graph, tree, packing](#)

分类号

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Abstract

Key words

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