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Tree-multipartite graph Ramsey numbers. (In English)

Graph theory and combinatorics, Proc. Conf. Hon. P. Erdős, Cambridge 1983, 155-160 (1984).

[For the entire collection see Zbl 543.00003.]

Given graphs G and H , $r(G, H)$ is the smallest integer r so that, if one colors the edges of the complete graph on r vertices with two colors then there exist either a copy of G with all of its edges colored by the first color or a copy of H with all of its edges colored by the second color. In this paper the authors study $r(G, H)$ where G is a tree and H is a complete multipartite graph.

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05C55 Generalized Ramsey theory

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Ramsey number; tree; complete multipartite graph