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Randomly Orthogonal (g,f)-factorizations in Graphs

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摘要 Let G be a graph with vertex set V(G) and edge set E(G) and let g and f be two integer-valued functions defined on V(G) such that 2k m 2 h f(x) for all $x \mid V(G)$. Let H be a subgraph of G with mk edges. In this paper it is proved that every (mg + m m 1, mf m m + 1)-graph G has (g,f)-factorizations randomly k-orthogonal to H and shown that the result is best possible.

关键词 <u>graph</u> (g,f)-factorization <u>randomly k</u> 分类号

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Key words graph (g f)-factorization randomly k

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