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Isomorphic factorisation of complete graphs into factors with a given diameter. (English)

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Summary: The problem of the existence of an isomorphic factorization of the complete graph K_n into m factors of diameter d is studied. The problem is solved for $d = 2$ if $m \geq 46$ and for $m \geq 3$ with $3 \leq d \leq 2m - 1$ if at least one of m, d is odd.

MSC:

05C70 Edge subsets with special properties (factorization, matching, partitioning, covering and packing, etc.)

Cited in 1 Review
Cited in 2 Documents

Keywords:

isomorphic factorization

Full Text: [EuDML](#)

References:

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