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Drawings of the complete graph with maximum number of crossings. (English)

Zbl 0792.05043

Hoffman, Frederick (ed.) et al., Proceedings of the twenty-third Southeastern international conference on combinatorics, graph theory, and computing, held at Florida Atlantic University, Boca Raton, FL, USA, February 3-7, 1992. Winnipeg: Utilitas Mathematica Publishing Inc.. Congr. Numerantium. 88, 225-228 (1992).

A drawing of a graph here means a realization of the graph in the plane such that two edges have at most one point in common, which is either a vertex or a crossing. This paper provides a procedure to find a drawing of the complete graph with maximum number of crossings.

For the entire collection see [Zbl 0772.00026].

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MSC:

05C10 Planar graphs; geometric and topological aspects of graph theory

05C35 Extremal problems in graph theory

Cited in **1** Review
Cited in **13** Documents

Keywords:

drawing; plane; crossing; complete graph