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Articles of (and about)

Erdős, Paul

Equidistant points in the plane. (In English)

Geombinatorics 4, No.2, 48 (1994).

Let f(n) be the largest integer for which there are n distinct points x_1, \ldots, x_n in the plane so that for every $i, 1 \leq i \leq n$ there are at least f(n) points x_j , $1 \leq j \leq n$ equidistant from x_i .

The author asks for an improved estimation for f(n) (and offers a price).

E. Quaisser (Potsdam)

Classification:

52C10 Erdoes problems and related topics of discrete geometry 52A40 Geometric inequalities, etc. (convex geometry)

Keywords:

Erdős problem; equidistant points