

**Zbl 517.05018**

**Erdős, Paul**

*Problems and results on block designs and set systems.* (In English)

**Combinatorics, graph theory and computing, Proc. 13th Southeast. Conf., Boca Raton 1982, Congr. Numerantium 35, 3-16 (1982).**

[This article was published in the book announced in Zbl 504.00004.]

This is a rich collection of known results, problems, and conjectures, mostly asymptotic in nature, concerning designs of various types. The author discusses pairwise balanced designs, covering and packing problems, generalizations of Fischer's inequality, designs obtained from finite projective planes, and other topics.

*W.H.Mills*

Classification:

05B30 Other designs, configurations

05-02 Research monographs (combinatorics)

05B40 Packing and covering (combinatorics)

00A07 Problem books

Keywords:

collection of results, problems, and conjectures; pairwise balanced designs; Fischer's inequality