
Zbl 249.05004

Erdős, Paul; Shelah, Saharon

On problems of Moser and Hanson. (In English)

Graph Theory Appl., Proc. Conf. Western Michigan Univ. 1972, Lecture Notes Math. 303, 75-79 (1972).

[For the entire collection see Zbl 243.00005.]

Let $|S| = n$. Denote by $g(n)$ the smallest integer so that the subsets of S can be split into $g(n)$ union-free classes. We obtain $n/4 < g(n) \leq n/2 + 2$. – - Several related questions are also discussed.

Classification:
05A05 Combinatorial choice problems
05A10 Combinatorial functions