

Zbl 312.05126

Erdős, Paul

Some new applications of probability methods to combinatorial analysis and graph theory. (In English)

Proc. 5th southeast. Conf. Comb., Graph Theor., Comput.; Boca Raton 1974, 39-51 (1974).

[For the entire collection see Zbl 298.00008.]

From the author's introductory paragraphs: "Probability methods have often been applied successfully to solve various combinatorial problems which in some cases have been (and still are) unassailable by other methods. A systematic discussion of this method can be found in my recent book with J. Spencer [*P. Erdős* and *J. Spencer*, Probabilistic methods in combinatorics (1974; Zbl 308.05001)]. In the present paper I give some new results obtained by this method. I do not give detailed proofs, but by following the very sketchy outlined instructions, they can easily be supplied by the interested reader who is familiar with the method."

R.C.Read

Classification:

05C99 Graph theory

05Axx Classical combinatorial problems

05Cxx Graph theory