

Zbl 161.43301

Erdős, Pál

Some applications of probability to graph theory and combinatorial problems (In English)

Theory Graphs Appl., Proc. Symp. Smolenice 1963, 133-136 (1964).

Probabilistic arguments can be used in many combinatorial problems to show that certain configurations exist even where no explicit construction is known. In this expository paper the author discusses several applications of probabilistic arguments, including Ramsey's theorem and problems on chromatic graphs.

J. W. Moon

Classification:

05C55 Generalized Ramsey theory

05C15 Chromatic theory of graphs and maps

60C05 Combinatorial probability