Zbl 323.05126
Erdős, Paul
Some recent progress on extremal problems in graph theory. (In English)
Proc. 6th southeast. Conf. Comb., Graph Theor., Comput.; Boca Raton 1975, 3-14 (1975).

This is one in a series of the author's "Problems and Results" papers on extremal graph theory. Almost the entire paper is devoted to one particular theme. Let G be a graph, and let $f(n, G)$ denote the smallest integer such that every graph on n vertices with at least $f(n, G)$ edges will contain G as a subgraph. Bounds for $f(n, G)$ for various types of G are given, including circuits (C_4 receiving particular attention), bipartite graphs and regular graphs. Some of the problems are treated in reasonable detail, while others are simply stated. An extensive bibliography is given.

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Classification:
05C35 Extremal problems (graph theory)