

# Large complete minors in graphs without certain small induced subgraphs

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**Abstract.** A graph is called *H-free* if it does not contain a copy of  $H$  as an induced subgraph. Plummer, Stiebitz, and Toft proved that, for every  $\overline{K_3}$ -free graph  $H$  on at most four vertices, every  $\overline{K_3}$ -free  $H$ -free graph  $G$  has a collection of  $\lceil |V(G)|/2 \rceil$  many pairwise adjacent vertices and edges. The talk is on my attempts to replace “four” by “five” in there.