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**Tibor Szabo\*** (szabo@math.mcgill.ca), **Philipp Zumstein** and **Stefanie Zuercher**. *On the minimum degree of minimal Ramsey graphs.*

A graph  $G$  is called  $H$ -Ramsey if any two-coloring of the edges of  $G$  contains a monochromatic copy of  $H$ . An  $H$ -Ramsey graph is called  $H$ -minimal if no proper subgraph of it is  $H$ -Ramsey. We investigate the minimum degree of  $H$ -minimal graphs, a problem initiated by Burr, Erdős, and Lovász. We determine the smallest possible minimum degree of  $H$ -minimal graphs for numerous bipartite graphs  $H$ , including bi-regular bipartite graphs and forests. We also make initial progress for graphs of larger chromatic number. (Received February 03, 2009)