

# $K_{a,k}$ Minors in Unimaginably Large Graphs

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**Abstract.** We have conjectured that any sufficiently large, sufficiently connected graph must contain a  $K_{a,k}$  minor. I will present some of the progress made and techniques used in proofs toward this conjecture. In particular, I will describe the bounded tree width cases and use of the Robertson-Seymour excluded minor structure theorem. This is joint work with Thomas Boehme, Ken-ichi Kawarabayashi and Bojan Mohar.