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Asymptotic enumeration of sparse 2-connected graphs

We determine an asymptotic formula for the number of labelled 2-connected (simple) graphs on n vertices and m edges, provided that $m - n \rightarrow \infty$ and $m = O(n \log n)$ as $n \rightarrow \infty$. This is the entire range of m not covered by previous results and solves a problem proposed by Wright from 1983. This talk is based on joint work with Graeme Kemkes and Nicholas Wormald.