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Maximum degree in minor-closed classes of graphs

Given a class of graphs G closed under taking minors, we study the maximum degree Δ_n of random graphs from G with n vertices. We prove several lower and upper bounds that hold with high probability. Among other results, we find classes of graphs providing orders of magnitude for Δ_n not observed before, such as $\log n / \log \log \log n$ and $\log n / \log \log \log \log n$.

(Joint work with Marc Noy and Omer Gimenez)