

Graph thresholds

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Abstract: For a given (small) graph H a graph threshold $\nu(H)$ is defined as the smallest constant a such that each (large) H -free graph G on n vertices with minimum degree at least an has a ‘nice’ structure. In the talk we make this definition a bit more rigorous and discuss several recent results, methods, and conjectures related to this topic.

The talk is based on results obtained jointly with Stéphan Thomassé.