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On a sparse random graph with minimum degree {three}: Likely Posa's sets are large

Alan Frieze, Boris Pittel

(Submitted on 25 Jul 2011)

We consider the likely size of the endpoint sets produced by Posa rotations, when applied to a longest path in a random graph with $cn,\,c\geq 2.7$ edges that is conditioned to have minimum degree at least three.

Comments:	Companion to paper "On a Greedy 2-Matching Algorithm and Hamilton Cycles in Random Graphs with Minimum Degree at Least Three"
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