

1143-05-212

Alan Frieze* (alan@random.math.cmu.edu), Pittsburgh, PA 15213. *Coloring (random) hypergraphs*. Preliminary report.

We sketch some results related to coloring hypergraphs. 1. An MCMC algorithm for the case where the maximum degree is $\Omega(\log n)$. 2. Connectivity of the set of random colorings of a random hypergraph.

Joint work with Michael Anastos (Received August 13, 2018)