

Intersecting families in random uniform hypergraphs

Hiệp Hàn
Universidade de São Paulo

We investigate the size of the largest intersecting family in random k -uniform hypergraphs on n vertices. This problem has been studied by Balogh, Bohman, and Mubayi who gave precise answer for the range $k < n^{1/2-o(1)}$. In this talk, we shall address the problem for $k > n^{1/2+o(1)}$.

This is a joint work with M. Gaoy, Y. Kohayakawa, and I. Oliveira.