

RANDOM TURÁN PROBLEMS

Speaker: Jiaxi Nie
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Time: Wed., May 29th, 10:00 – 10:30

Venue: Room 106, SCMS

Abstract:

Extremal Combinatorics study the maximum or minimum value of a certain parameter of a certain combinatorial object under certain constraints. The Turán Problem is a central topic in extremal combinatorics, which studies the maximum number of edges in an F -free hypergraph H . The Random Turán Problem is a variant of the Turán Problem. It concerns the maximum number of edges in an F -free subgraph of the random hypergraph. In this talk we introduce some progress on this topic.