

Combinatorics Seminar

New developments in hypergraph Ramsey theory

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Abstract: I will describe lower bounds (i.e. constructions) for several hypergraph Ramsey problems. These constructions settle old conjectures of Erdos-Hajnal on classical Ramsey numbers as well as more recent questions due to Conlon-Fox-Lee-Sudakov and others on generalized Ramsey numbers and the Erdos-Rogers problem. Most of this is joint work with Andrew Suk.

Monday, October 17 at 2:00 PM in SEO 612