Combinatorics
Seminar

Quasirandom Discrete Structures and Powers of Hamilton Cycles

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Abstract: The aim of the talk is to give a gentle introduction into the topic of quasirandom discrete structures, putting emphasis on linear quasirandom hypergraphs and subsets of integers with small linear bias. We then continue with the study of the extremal behaviour of sparse pseudorandom graphs, a problem which has attracted the attention of many researchers in recent years. In particular, we shall discuss how to find powers of Hamilton cycles in sufficiently pseudorandom graphs.

Monday, April 14, 2014, 4:00 pm
Mathematics and Science Center: W306

Mathematics and Computer Science
Emory University