

Departmental Colloquium

Graphs, vectors and groups

Noga Alon (Tel Aviv University)

Abstract: The study of Cayley sum-graphs of finite abelian groups is related to the investigation of pseudo-random graphs and to problems in Combinatorial Number Theory, Geometry and Information Theory. I will discuss this topic, describing the motivation and focusing on several results that illustrate the interplay between Graph Theory, Geometry and Number Theory.

Tea on the 3rd floor at 4:15 PM

Friday, November 20 at 3:00 PM in SEO 636
