



Colloquium

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University of Rochester

MULTI-LINEAR OPERATORS, DISTRIBUTION OF SIMPLEXES,
AND GEOMETRIC COMBINATORICS

Friday, March 23, 2012

3:00 p.m. in ES-143

(tea & coffee at 2:30 p.m. in ES-152)

ABSTRACT. We are going to study several Erdős type problems on the distribution of simplexes in finite subsets of the Euclidean space using multi-linear operator bounds, geometric measure theory, and a variety of conversion mechanisms. The talks should be accessible to a wide audience.