

Geometry Seminar
October 30, 2007, Tuesday, 6:00 p.m.
Room 613, Courant Institute
251 Mercer Street, New York

Some geometry of random 0-1 polytopes

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Abstract

Random 0/1-polytopes demonstrate extremal behavior with respect to many geometric characteristics. We illustrate this through different parameters. We show that they are highly neighborly. Similar results are also true for random 0/1-polytopes “generated” by partial Hadamard matrices.

For further information contact {pach,pollack}@cims.nyu.edu, or visit our website: http://www.math.nyu.edu/seminars/geometry_seminar.html