

Combinatorics and Geometry — Seminar —

EHRHART SERIES AND LATTICE TRIANGULATIONS

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Abstract

I will discuss combinatorial formulas for counting lattice points in polytopes using lattice triangulations. These formulas are inspired by calculations from stringy algebraic geometry, and lead to examples of reflexive polytopes whose Ehrhart series have unexpected properties.

Wednesday, October 17

5:15 p.m.

Room 381-U

<http://math.stanford.edu/~sampayne/seminar/>