

Caroline Klivans

Abstract for the Combinatorics Seminar 2009 November 10

Consider projections of points in \mathbb{R}^n onto chambers of a hyperplane arrangement. Each coefficient of the characteristic polynomial is proportional to the average spherical volume of the set of points that project onto faces of a fixed dimension. As a corollary, for a finite reflection arrangement each coefficient gives the precise spherical volume of the points that project onto the faces of a fixed dimension of the fundamental chamber.

This talk reflects joint work with Mathias Drton and Ed Swartz.

From:
<http://www2.math.binghamton.edu/> - **Binghamton University Department of Mathematical Sciences**

Permanent link:
<http://www2.math.binghamton.edu/p/seminars/comb/abstract.200911kli>

Last update: **2020/01/29 19:03**

