



The Math Colloquium
Department of Mathematics
San José State University



Brant Jones

UC Davis

A bijection on core partitions

APRIL 22, 2009, MH320

Abstract: The symmetric group of permutations acts on the vector space \mathbb{R}^n by permuting coordinates, and this action is generated by reflections. In this talk, we show how to generalize this picture to an infinite group called the *affine symmetric group*, and describe some related combinatorics.

Background: Students who have studied linear algebra and know what a group is will be very well-prepared for this talk.

About the speaker: Brant Jones received his Ph.D. from the University of Washington in Seattle, and is currently a VIGRE Assistant Professor at UC Davis. His research is on combinatorics related to algebra and representation theory.

SNACKS IN MH331B AT 2:30 PM

TALK STARTS AT 3 PM

For more information, see our full schedule at:

<http://www.math.sjsu.edu/~hsu/colloq/>