



Speaker: Matthew Dyer
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Monday, November 4, 2013
10:00 AM
258 Hurley Hall

Title: Dihedral root coefficients and binomial coefficients

Abstract:

Analogues of binomial coefficients may be naturally modeled on sequences of root coefficients for dihedral groups. In the case of an affine root system of an infinite dihedral group, the sequence of root coefficients is the sequence of integers and these reduce to the usual binomial coefficients. We describe a procedure which converts an identity involving q -binomial coefficients to a sequence of identities involving binomial coefficients for dihedral root systems.