



Instituto Universitario de Investigación
de Matemáticas
y Aplicaciones
Universidad Zaragoza



Departamento de
Matemáticas
Universidad Zaragoza

Seminario Geometría y Topología

Conferencia

por

Nancy Abdallah

Linköping University

título

“Bruhat Order on Twisted Identities and Kazhdan-Lusztig-Vogan Polynomials”

Abstract:

We study the Bruhat order on the sets of twisted involution and twisted identities in a Coxeter group W equipped by an involutive automorphism. When W is the symmetric group of odd rank, we define the Kazhdan-Lusztig-Vogan polynomials indexed by elements in the set of twisted identities and we prove that they are combinatorially invariant for intervals that start with the identity. This generalizes the combinatorial invariance of the classical Kazhdan-Lusztig polynomials for lower bound intervals in a symmetric group. This is joint work with Axel Hultman.

Fecha: Martes, 8 de noviembre de 2016
Hora: 12:00 horas
Lugar: Edificio de Matemáticas, Aula 13