

Oberseminar

zur

Algebra und Algebraischen Kombinatorik

Dr. Lucia Morotti

(RWTH Aachen)

"Sign conjugacy classes of the symmetric groups"

A conjugacy class C of a group G is a sign conjugacy class if every irreducible character of G takes value 0, 1 or -1 on C . For example in the symmetric group S_n the conjugacy class with cycle partition (n) is a sign conjugacy class. In 2009 Olsson formulated a conjecture which classifies sign conjugacy classes of the symmetric groups. In this talk I will show how to prove this conjecture.

Montag, 26.01.2015

ab 14:15 Uhr, Raum a410

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

**Institut für Algebra, Zahlentheorie
und Diskrete Mathematik**