

OBERSEMINAR ZUR  
ALGEBRA UND ALGEBRAISCHEN KOMBINATORIK

Dienstag, 26. April 2005, 14-16 Uhr, Raum F309

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**Spin Characters of Generalized Hyperoctahedral Groups**

In this talk we will explain how to obtain irreducible characters for the double covering groups of certain generalized hyperoctahedral groups. Our construction originated from our recent new approach to McKay correspondence using vertex operators. I will first review my earlier work on how to obtain the spin characters of the symmetric groups using vertex operators, and then discuss the recent joint work with W. Wang on wreath products and spin characters. In this we also use the Boson-Fermion correspondence to construct all irreducible characters.

Alle Interessierten sind herzlich eingeladen.