Oberseminar

zur

Algebra und Algebraischen Kombinatorik

Prof. Dr. Masahiko Yoshinaga

(z. Z. Universität Bremen)

„The characteristic polynomial of Linial arrangement"

The (m-th extended) Linial arrangement is a certain finite truncation of the affine Weyl arrangement associated to a root system. Postnikov and Stanley (2000) conjectured that the roots of the characteristic polynomial of the Linial arrangement have the same real part.

We will report that the application of Ehrhart theory and Eulerian polynomials enables us to make progress on the conjecture. This talk is based on the following two preprints:
https://arxiv.org/abs/1501.04955
https://arxiv.org/abs/1610.07841

Sondertermin Mittwoch, 18.01.2017
ab 16:00 Uhr, Raum a410
Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

Institut für Algebra, Zahlentheorie
und Diskrete Mathematik