Oberseminar

zur

Algebra und Algebraischen Kombinatorik

Christopher Schure

(Leibniz Universität Hannover)

"Homogeneous Schur Q-functions and non-zero coefficients of non-homogeneous Schur Q-functions"

A skew Schur Q-function is called homogeneous if $Q_{\lambda/\mu} = k \cdot Q_\nu$ for some k. The talk shall show which Schur Q-functions are homogeneous and we will also show how the coefficient k and the constituent Q_ν are related to the given homogeneous $Q_{\lambda/\mu}$. Afterwards a non-zero coefficient of a non-homogeneous $Q_{\lambda/\mu}$ besides the lexicographical biggest coefficient will be found using the knowledge which Schur Q-functions are homogeneous. Sketches of proofs will be presented where the used methods will be explained.

Montag, 05.05.2014

ab 16:00 Uhr, Raum a410

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

gez. Prof. Dr. C. Bessenrodt, Prof Dr. M. Cuntz, Prof. Dr. U. Derenthal

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