

Oberseminar
zur
Algebra und Algebraischen Kombinatorik

Nils Amend

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"Inductively free restrictions of reflection
arrangements"

Suppose that W is a finite unitary reflection group acting on the complex vector space V and let $A(W) = (A(W), V)$ be the associated reflection arrangement with intersection lattice $L = L(A(W))$. Hoge and Röhrle classified all inductively free reflection arrangements $A(W)$. Extending this work, we classify all inductively free restrictions $A(W)^X$ to elements X in L . We will discuss this classification with particular respect to the infinite families of irreducible complex reflection groups.

This is a report on joint work with Hoge and Röhrle.

Montag, 16.12.2013

ab 14:15 Uhr, Raum a410

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

gez. Prof. Dr. C. Bessenrodt

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