



Leibniz
Universität
Hannover

Oberseminar
Institut für Algebraische Geometrie

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Maximally graded matrix factorizations for an
invertible polynomial of chain type

In 1977, Orlik-Randell conjectured a distinguished basis of vanishing cycles with a nice combinatorial property in the Milnor fiber associated to an invertible polynomial of chain type. Motivated by their conjecture and HMS, we construct a full exceptional collection in the category of maximally graded matrix factorizations, which is a Lefschetz decomposition with respect to a polarization in the sense of Kuznetsov-Smirnov.

Mittwoch, 29.01.2020

15:30 - 16:30, Raum g123

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.