



Leibniz
Universität
Hannover

Oberseminar zur Algebra und Algebraischen Kombinatorik

Martin Kalck
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"Singularity categories of gentle algebras"

We give an explicit description of the triangulated category of singularities (in the sense of Buchweitz and Orlov) for all finite dimensional gentle algebras. Examples include Jacobian algebras arising from triangulations of unpunctured marked Riemann surfaces and algebras which are derived equivalent to certain singular projective curves. Moreover, we recover part of a derived invariant for gentle algebras, which was discovered by Avella-Alaminos & Geiß.

Montag, 22.04.2013
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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