



Oberseminar

zur

Algebra und Algebraischen Kombinatorik

Prof. Dr. Peter Jørgensen
(Newcastle University, GB)

“Triangulated categories generated by a spherical object. Elementary properties. Torsion pairs”

A d -spherical object has self-extensions only in degrees 0 and d , and each of these Ext groups is equal to the ground field. The triangulated category generated by such an object has a rich homological and combinatorial structure which has been investigated intensively in the past few years.

The seminar explains some of the elementary properties of these categories and shows how they can be used to classify certain types of torsion pairs and related objects: t -structures, co- t -structures, and d -cluster tilting subcategories.

Mittwoch, 26.09.2012
ab 14:00 Uhr, Raum a410
Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

gez. Prof. Dr. C. Bessenrodt

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