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Leibniz
Universität
Hannover

Oberseminar zur Algebra und Algebraischen Kombinatorik

Dr. Emily Norton
(Universität Bonn)

"An involution in search of a functor"

We define an involution Φ on multi-partitions which generalizes the well-known Mullineux involution on e -regular partitions. The construction of Φ suggests that it should arise from a special kind of derived equivalence, called a perverse equivalence, between particular categories of representations whose Grothendieck groups have bases consisting of multi-partitions. We will explain how to identify this functor, as well as the relation of Φ to what are called wall-crossing functors. This is work in progress with Thomas Gerber and Nicolas Jacon.

Donnerstag, 19.07.2018
ab 14:15 Uhr, a410

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

Institut für Algebra, Zahlentheorie
und Diskrete Mathematik