Otto-von-Guericke-Universität Magdeburg
Fakultät für Mathematik

Auf Einladung des Institutes für Algebra und Geometrie spricht

Dr. Jacinta Torres
(Jagiellonian University Krakow, Polen)

über das Thema

Atoms and charge beyond type A

Zeit: Dienstag, 6. Juni 2023, 13.00 Uhr, G02-210 oder
per Zoom Meeting ID 971 4945 5855, passcode 490213

Zu diesem Vortrag laden wir alle Interessierten herzlich ein.

Prof. Dr. Petra Schwer

Abstract: In this talk I will describe a general philosophy, due to Patimo, for constructing positive combinatorial formulas for Kostka-Foulkes polynomials beyond type A. This amounts to constructing atomic decompositions for crystals as well as swapping functions which allow to define charge statistics. Then I will explain such a construction for crystals of type C_2 and point out future directions to follow. This is joint work with Leonardo Patimo.