Oberseminar
Institut für Algebraische Geometrie

Ludvig Modin

(Leibniz Universität Hannover)

Moduli spaces for Θ-strata and non-reductive quotients

The U-hat theorem of Bérczi, Doran, Hawes and Kirwan gives conditions for when a linear action of a complex graded unipotent group admits a geometric quotient, it is one of the key results non-reductive geometric invariant theory is built on. We give a stacky re-interpretation of this theorem in terms of Θ-strata, as introduced by Halpern-Leistner, of algebraic stacks. As a corollary we generalize the U-hat theorem to not necessarily linear actions of graded unipotent groups over a Noetherian base scheme.

Donnerstag, 17.04.2025, 16:30 - 17:30, F142.
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Alle Interessierten sind herzlich eingeladen.