Oberseminar Institut für Algebraische Geometrie

Dragos Oprea
(UC San Diego)

On the cohomology of tautological bundles over the Quot scheme of curves

We consider tautological bundles and their exterior and symmetric powers over the Quot scheme of zero dimensional quotients over the projective line. We prove several results regarding the vanishing of their higher cohomology, and we describe the spaces of global sections via tautological constructions. This is based on joint work with Alina Marian, Shubham Sinha and Steven Sam.

Donnerstag, 15.06.2023,16:30-17:30, online.

Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.