



Leibniz
Universität
Hannover

Oberseminar
Institut für Algebraische Geometrie

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**Cones of divisors on \mathbb{P}^3 blown up at eight very
general points**

Let X be the blowup of \mathbb{P}^3 at eight very general points. Then X is a smooth projective threefold whose anticanonical divisor is nef but not semiample. In this talk we describe explicitly the cone of nef divisors and the cone of effective divisors on X . Moreover, we show that a certain Weyl group acts with a rational polyhedral fundamental domain on the effective movable cone of X . This is joint work with Zhixin Xie.

Donnerstag, 30.11.2023, 16:30 - 17:30, B302.

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Alle Interessierten sind herzlich eingeladen.