



Leibniz
Universität
Hannover

Oberseminar Institut für Algebraische Geometrie

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Uniform retract rationality

In 1989, Gromov asked whether every smooth complex rational variety X is uniformly rational, meaning that each point of X admits a neighbourhood isomorphic to an open subset of the affine space. We consider a closely related problem, where instead of rational varieties one considers retract rational ones. In the talk I will give a sketch of a solution to this problem, present some consequences of the result in Oka theory and discuss why the approach fails to deal with the original problem posed by Gromov.

Donnerstag, 24.04.2025, 16:30 - 17:30, F142.

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Alle Interessierten sind herzlich eingeladen.