

Stanford Algebraic Geometry — Seminar —

RATIONAL SURFACES IN SMOOTH HYPERSURFACES

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Abstract

It is conjectured that a general hypersurface of degree n in \mathbb{P}^n is not unirational for $n > 3$. I'll talk about some questions arising from this conjecture on rational surfaces contained in hypersurfaces of degree n in \mathbb{P}^n . I'll also talk about the birational geometry of the space of rational curves on Fano hypersurfaces of high degree. Part of this talk is based on joint work with Jason Starr.

Friday, May 18
3:15 p.m.
Room 383-N

<http://math.stanford.edu/ag/s0607/>