

The geometry of spaces of rational curves in complete intersections.

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Abstract

In this talk, I will discuss some aspects of the geometry and birational geometry of spaces of rational curves in Fano complete intersections. I will show how one can use upper bounds on the dimension of spaces of non-free rational curves to improve the known results on the dimension and irreducibility of spaces of rational curves in general complete intersections.

*A part of this talk is based on joint work with Mohan Kumar.