

Front Range Algebra, Geometry and Number Theory Seminar

Characteristic numbers of genus one space curves

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Moduli space of stable maps is a sophisticated tool in algebraic geometry that help us answer quite tangible questions, like the following : "How many conics in P^3 pass through 8 general lines?". In this talk, I will discuss some basic properties of moduli spaces of stable maps, their intersection theory, and applications in counting curves of genus one in projective spaces.

Thursday May 5th 2011

3:00-5:00 p.m.

WEBER 201