



Speaker: Robin Hartshorne
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Wednesday, April 4, 2018

3:00 PM

258 Hurley Hall

Title: Curves on the cubic surface in projective space

Abstract:

A good way to construct curves in the projective three space is on the cubic surface. I will explain the divisor class group on the surface, how to compute the degree and genus of a curve, and a criterion for a nonsingular curve. I will try to develop everything from first principles. Reference: GTM 52, chapter V section 4.