

Graduate Algebraic Geometry Seminar

Introduction to Hilbert Schemes of Points on Affine Space

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Abstract: Hartshorne proves that every Hilbert scheme of projective space is connected, and it is well-known that Hilbert scheme of points on connected set is connected. In this talk I will give details about the connectivity of Hilbert scheme, and also talk about other properties of Hilbert Scheme of points on an affine space.

Wednesday, February 13 at 3:00 PM in 712 SEO