

Harvard-MIT Algebraic Geometry Seminar

Maps between moduli spaces of vector bundles and the theta divisor

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There are several natural rational maps between moduli spaces of vector bundles on a curve of different ranks and degrees. We show that in many cases these maps are finite. The results are used then to give lower bounds for the dimension of the base locus of the generalized theta divisor in the moduli space of vector bundles.

Tuesday October 2nd
3:00 p.m.
Harvard Science Center (507)