

Harvard-M.I.T. Algebraic Geometry Seminar

NEF BUT NOT SEMI-AMPLE LINE BUNDLES OVER FINITE FIELDS

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Cambridge

We give the first example of a nef line bundle L on a smooth projective variety over a finite field such that L is not semi-ample. (That is, no power of L is basepoint-free.) Our examples give a negative answer to a question by Keel.

Tuesday, March 21st
3:00 p.m.
Harvard Science Center 507

<http://www-math.mit.edu/ags/>