Kempner Colloquium

Geometry of the moduli space of abelian varieties

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The moduli space of abelian varieties is a generalization of the moduli space of elliptic curves, different from the moduli of genus g curves, but its rich geometry has remarkable parallels to the the geometry of the moduli of curves. We will survey what is known about the geometry of the moduli space of abelian varieties, in particular its cohomology, subvarieties, and intersection theory - and will also highlight how many interesting questions are still completely open

February 17, 2014
4:00 p.m.
MATH 350