Mathematics, Statistics, and Computer Science   **@ UIC**

Algebraic Geometry Seminar

Relations in the Grothendieck Ring and Homological Projective Duality

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Abstract: It has recently been shown by Lev Borisov that the class of the affine line is a zero divisor in the Grothendieck ring of varieties. We place his construction in a more general context, and give a new proof using K3 surfaces rather than Calabi-Yau threefolds.

Wednesday, April 29 at 4:00 PM in SEO 427