

Algebraic Geometry Seminar

Homological projective geometry

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Abstract: I will discuss some surprising "homological" counterparts of constructions and results in classical projective geometry. This gives a powerful framework for producing varieties whose derived categories are equivalent, or more generally have a large subcategory in common. Besides being of intrinsic interest, such relations often have strong geometric consequences. This is joint work with Alexander Kuznetsov.

Wednesday, April 10 at 4:00 PM in 427 SEO