

Queen's Algebraic Geometry — Seminar —

STABILITY NOTIONS FOR SHEAVES AND COMPLEXES

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Abstract

Stable vector bundles and sheaves on algebraic varieties have long been studied in Algebraic Geometry. In this talk, we will recall several aspects of this story, with an eye on today's perspective of Fourier-Mukai transforms. In the end, we will present a generalised stability notion for complexes, which helps to understand some classical aspects in a more conceptual way.

Monday, March 9, 2009
4:30pm – 5:30pm
319 Jeffery Hall