

Stanford Department of Mathematics Colloquium

TORIC VECTOR BUNDLES

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Abstract

I will give a gentle introduction to equivariant vector bundles on toric varieties, an emerging research area in which a combination of combinatorial and geometric methods can be used to test difficult general questions about algebraic vector bundles. For instance, does every complete algebraic variety have a nontrivial vector bundle on it?

Thursday, October 18

4:15 p.m.

Room 380-F

<http://math.stanford.edu/coll/0708/>