

Seminari de Geometria Algebraica 2006/2007 (UB-UPC)

Divendres 9 de Febrer a les 16hs a l'aula B4

<http://atlas.mat.ub.es/sga>

Numerically effective and semistable (Higgs) vector bundles

Ugo BRUZZO

International School for Advanced Studies, Trieste

I will introduce a notion of numerical effectiveness of Higgs bundles on projective varieties which extends the usual notion for vector bundles. I will relate this notion to that of semistability and I will show some properties of the (Higgs) bundles that are semistable with vanishing discriminant.
