

Seminari de Geometria Algebraica 2014/2015 (UB-UPC)

Divendres 13 de febrer a les 15 hs, aula B1 FM-UB

<http://www.ub.edu/sga/>

Geometric and arithmetic Hodge index theorem: a probabilistic approach

Huayi Chen

U. Grenoble

I will explain a new proof of the classical Hodge index inequality for projective surfaces, and its arithmetic variant, by using the probabilistic point of view. The correlations between convex bodies play an important role in the proof.
