

Seminari de Geometria Algebraica 2013/2014 (UB-UPC)

Divendres 9 de maig a les 15 hs, aula B1 FM-UB

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

Normal sextic surfaces which are canonical

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A minimal compact complex surface of general type is called a canonical surface, if its canonical map is birational onto the image. In this talk, I consider a canonical surface with geometric genus four whose canonical image is a normal surface (in \mathbb{P}^3). It is generally believed that such surfaces are quite rare. I bound the degree of the canonical images as well as K^2 . I also present several concrete examples of sextics.
