

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

Divendres 10 d'abril a les 15 hs, aula B1 FM-UB

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

Newton-Okounkov body and local positivity

Alex Küronya

Goethe Universität - Frankfurt am Main

Newton-Okounkov bodies are a convex geometric tool to capture the vanishing behaviour of all sections of all multiples of a given divisor at the same time. We will present the beginnings of the theory along with some applications to local positivity while concentrating on the surface case.
