

Seminari de Geometria Algebraica 2007/2008 (UB-UPC)

Divendres 25 d'abril a les 15h. a l'aula B1

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

The action of $SL(2)$ on abelian varieties

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We will explain how the algebraic group $SL(2)$ acts on any polarized abelian variety A through correspondences. As a consequence one obtains an action of $SL(2)$ on the Chow group $CH(A)$ (with rational coefficients), and this gives rise to Lefschetz type properties for algebraic cycles.
