

Regulator Indecomposable Cycles on a Product of Elliptic Curves

İnan Utku Türkmen

Abstract. We provide a novel proof of the existence of regulator indecomposables in the cycle group $CH^2(X, 1)$, where X is a sufficiently general product of two elliptic curves. In particular, the nature of our proof provides an illustration of Beilinson rigidity.