REZA AKHTAR, Miami University, Oxford, Ohio 45056, USA

Chow-Kunneth and Lefschetz decompositions for quotients of abelian varieties

Let A be an abelian variety and G a finite group acting on A. The quotient variety A/G is not necessarily an abelian variety or even smooth. We discuss the motive of A/G, in particular how one can construct explicit Chow–Kunneth and Lefschetz decompositions for this motive in terms of the corresponding decompositions for the motive of A.

This is joint work with Roy Joshua.