Summary: We establish the finiteness of the kernel and cokernel of the restriction map $\text{res}^i: \Sha_i(F, M) \to \Sha_i(K, M)\Gamma$ for $i = 1$ and 2, where $M$ is a (Deligne) 1-motive over a global field $F$, and $K/F$ is a finite Galois extension of global fields with Galois group $\Gamma$.

MSC:

11G35 Varieties over global fields
14G25 Global ground fields in algebraic geometry

Keywords:
1-motive; Tate-Shafarevich group; global field

Full Text: DOI

References:


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