Osipov, Denis
Adelic constructions for direct images of differentials and symbols. (English) [Zbl 1008.11024]

Summary: This work introduces adelic constructions of direct images of differentials and symbols in the two-dimensional case in the relative situation. In particular, reciprocity laws for relative residues of differentials and symbols are stated and applied to a construction of the Gysin map for Chow groups.

For the entire collection see [Zbl 0954.00026].

MSC:
11G45 Geometric class field theory
11S70 $K$-theory of local fields
14C35 Applications of methods of algebraic $K$-theory in algebraic geometry
19C20 Symbols, presentations and stability of $K_2$
19E15 Algebraic cycles and motivic cohomology ($K$-theoretic aspects)

Keywords:
differentials; symbols; reciprocity laws; Gysin map; Chow groups

Full Text: EMIS