Cornell University Library

We gratefully acknowledge supp
the Simons Fo
and member ins

arXiv.org > math > arXiv:1107.5259

Search or Article-id

(Help | Advance

All papers

Mathematics > Number Theory

On the Mumford-Tate conjecture for 1-motives

Peter Jossen

(Submitted on 26 Jul 2011 (v1), last revised 9 May 2012 (this version, v2))

We show that the statement analogous to the Mumford-Tate conjecture for abelian varieties holds for 1-motives on unipotent parts. This is done by comparing the unipotent part of the associated Hodge group and the unipotent part of the image of the absolute Galois group with the unipotent part of the motivic fundamental group. Contains an appendix by P. Deligne.

In this version: Minor corrections here and there. The Main result about the image of the Galois representations is now enriched by an adelic statement.

Comments:	39 pages
Subjects:	**Number Theory (math.NT)**; Algebraic Geometry (math.AG)
Cite as:	**arXiv:1107.5259** [math.NT]
	(or **arXiv:1107.5259v2** [math.NT] for this version)

Submission history

From: Peter Jossen [view email]
[v1] Tue, 26 Jul 2011 16:23:44 GMT (38kb)
[v2] Wed, 9 May 2012 07:14:17 GMT (41kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.