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On the unramified Brauer group of a homogeneous space

Mikhail Borovoi

(Submitted on 5 Jun 2012 (v1), last revised 10 Sep 2012 (this version, v2))

We give a new proof of the theorem stating that for any connected linear algebraic group G over an algebraically closed field k of characteristic 0 and for any closed connected subgroup H of G, the unramified Brauer group of G/H vanishes.

Comments: 4 pages; shortened, misprints corrected

Algebraic Geometry (math.AG) Subjects:

MSC classes: 14F22 (Primary) 14M17, 14L10 (Secondary)

Cite as: arXiv:1206.1023 [math.AG]

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Submission history

From: Mikhail Borovoi [view email] [v1] Tue, 5 Jun 2012 19:05:54 GMT (6kb) [v2] Mon, 10 Sep 2012 16:22:25 GMT (5kb)

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