ERRATUM FOR

"GALOIS ALGEBRAS, HASSE PRINCIPLE,

AND INDUCTION–RESTRICTION METHODS"

CF. DOCUMENTA MATH. 16 (2011), 677–707

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ABSTRACT. This is a correction to [BP 11] E. Bayer–Fluckiger, R. Parimala, Galois algebras, Hasse principle and induction–restriction methods, Documenta Math. 16 (2011), 677–707.

Theorem 3.5 of [BP 11] is not correct as stated, and should be replaced by

THEOREM. *Let V be a $k[G]$–module that is a finite dimensional k–vector space, and let $E = \mathrm{End}(V)$. Let R_E be the radical of E, and set $\overline{E} = E/R_E$. Suppose that all the orthogonal components of $\overline{E}$ are split, and let (V, q), (V, q') be two G–forms. Then $q \simeq_G q'$ over k if and only if $q \simeq_G q'$ over all the completions of k.*

This is proved in [BPN 13], Theorem 2.1. Note however that very few changes are needed in [BP 11]. Indeed, Theorem 3.5 and its proof are correct when $k[G]$ is semi–simple, and this is the only case that is used in the sequel of [BP 11].

BIBLIOGRAPHY

[BP 11] E. Bayer–Fluckiger, R. Parimala, Galois algebras, Hasse principle and induction–restriction methods, *Documenta Math.* 16 (2011), 677–707.

[BNP 13] E. Bayer–Fluckiger, B. Nivedita and R. Parimala, Hasse principle for G–quadratic forms, *Documenta Math.* 18, 383–392 (2013),

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