CORRECTIONS TO "NONTRIVIAL, LOCALLY TRIVIAL AZUMAYA ALGEBRAS", BY DEMEYER AND FORD

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The purpose of this note is to point out an error in [1, Example 3]. The results claimed are not true in the stated generality. In particular, the results are false for the surface $z^2 = l_1 l_2 l_3$, where l_1, l_2, l_3 are three linear polynomials in k[x, y] in general position. The claims in Example 3 are true for a surface X such that the sequence (8) of [1] is exact. This is the case, for instance, in the example of [2].

REFERENCES

- F. R. DeMeyer and T. J. Ford, *Nontrivial, locally trivial Azumaya algebras*, Azumaya algebras, actions, and modules (Bloomington, IN, 1990), Contemp. Math., vol. 124, Amer. Math. Soc., Providence, RI, 1992, pp. 39–49. MR 1144027 (93a:13001)
- [2] M. Ojanguren, A nontrivial, locally trivial algebra, J. Algebra 29 (1974), 510–512.

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