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Corrigendum

Corrigendum to “Projective modules over overrings of polynomial rings” [J. Algebra 323 (2) (2010) 551–559]

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Let A be an affine algebra of dimension d over a field and let P be a projective $R = A[X_1, \dots, X_l, Y_1, \dots, Y_m, \frac{1}{f_1 \cdots f_m}]$ -module of rank $r \geq \max\{2, \dim A + 1\}$, where $f_i \in A[Y_i]$. Then it was proved in the paper (Theorem 3.13) that P has a unimodular element; i.e. $P \simeq R \oplus Q$ for some R -module Q .

The proof given in the paper is not correct. In the proof we show that $I_{1+sA} = R_{1+sA}$. This is not true, since we only prove that the maximal ideals of R containing I intersect $1 + sA$. This does not imply that $I_{1+sA} = R_{1+sA}$.

We have not been able to find a correct proof of the theorem. Note that this result does not affect other results of the paper.

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