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Section:

2. Algebra

1991 MS Classification: 16

Moussavi, Ahmad, University of Tarbiat Modares, Iran

On The Semiprimitivity of $R[X; F, D]$

Let R be a ring, $F : R \to R$ be a monomorphism and $D : R \to R$ be a D-derivation. We show that if R is semiprime left Noetherian, then $R[X; F, D]$ is semiprimitive.

Reference: Moussavi, A. On the semiprimitivity of skew polynomial rings, Proc. of the Edinburgh math. Soc. (1993) 36, 169-178.