

CORRECTION TO ‘COMMUTATIVITY THEOREMS THROUGH A STREB’S CLASSIFICATION’

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Theorem 3.1 in [1] is imperfect without changing the proof (p. 110, ll 3 and 4 only) as follows.

Let R satisfy the property (J) with $m = 0$ and $n \neq 0$. Taking $x = e_{11}$ and $y = e_{12}$, we have

$$[e_{11}^n e_{12} - e_{11}^r f(e_{12}) e_{11}^s, e_{11}] = e_{12} \neq 0.$$

Let R satisfy the property (J) with $n = 0$ and $m \neq 0$. Taking $x = e_{22}$ and $y = e_{12}$, we have

$$[e_{12} e_{22}^m - e_{22}^r f(e_{12}) e_{22}^s, e_{22}] = e_{12} \neq 0.$$

REFERENCE

- [1] Moharram A. Khan, Commutativity theorems through a Streb’s classification, *Mathematical Proceedings of the Royal Irish Academy* **100A** (2) (2000), 105–14.

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