Erratum to:
ON THE COSET LAWS FOR SKEW LATTICES IN RINGS

Karin Cvetko-Vah[1], João Pita Costa[2]

At a late stage of preparation of the paper [1] the authors impetuously introduced an error into the definition of the set S in the first example on p. 15. The set S should be defined as the set of all matrices in $M_n(F)$ of the form

$$\begin{bmatrix} 0_k & 0 & 0 \\ 0 & I_l & A \\ 0 & 0 & 0_m \end{bmatrix},$$

where I_l is an $l \times l$ identity matrix for some $l \in \{0, 1, \ldots, n\}$, 0_k and 0_m are the $k \times k$ and $m \times m$ zero matrices, respectively, while A is an arbitrary matrix over F of dimension $l \times m$. Then $\mathbf{S} = (S, \cdot, \circ)$ is a multiplicative band that is closed under the circle operation and hence forms a skew lattice.

References

[1] Karin Cvetko-Vah, João Pita Costa, João Pita Costa, On the coset laws for skew lattices in rings. Novi Sad J. Math. Vol. 40 No. 3 (2010), 11-25.

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