_Mathematics_

*Correction*

# Correction: On $S$-principal right ideal rings

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## A correction on

On $S$-principal right ideal rings
by Jongwook Baeck. AIMS Mathematics, 2022, 7(7): 12106–12122.
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The author would like to make the following correction to the published paper [1].

Let $R$ be an associative (not necessarily commutative) ring with unity. If an element $e \in R$ is idempotent, then $e(1 - e) = 0 = (1 - e)e$. Therefore, if $e$ is not a zero-divisor in $R$, then $e$ must be the unity element. Thus, we should replace "$e$ is not a zero-divisor" with "the multiplicative subsets $eS$ and $(1 - e)S$ do not contain the zero element" in [1, Corollary 2.13].

Additionally, to provide an accurate information for the readers, we confirm that the nineteenth paper in [1, References] is published [2].

The change has no material impact on the conclusion of the article. The original manuscript will be updated [1]. We apologize for any inconvenience caused to the readers by this change.

## Conflict of interest

The author declares no conflict of interest.

## References

1. J. Baeck, On $S$-principal right ideal rings, *AIMS Math.,* **7** (2022), 12106–12122. http://doi.org/10.3934/math.2022673

2. G. Lee, J. Baeck, J. W. Lim, Eakin-Nagata-Eisenbud theorem for right $S$-Noetherian rings, *Taiwanese J. Math.,* **27** (2023), 237–257. http://doi.org/10.11650/tjm/221101