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Steiner Coset Partitions of Groups – ERRATUM

Fusun Akman and Papa Sissokho

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Cambridge University Press apologizes for an error in this article:

A sentence in the article's abstract originally appeared as below:

'In the quest of a more structural version of the Herzog– Schönheim Conjecture, it was shown that there is no Steiner coset partition of G with respect to any $r \geq 2$ subgroups Hi that mutually commute [1].'

This should have been:

'In the quest of a more structural version of the Herzog-Schönheim Conjecture, it was shown that there is no Steiner coset partition of G with respect to any $r \in \{2, 3\}$ subgroups H_i that mutually commute [1].'

An equation on page 12 originally appeared as below:

$$a_J \overset{\text{def}}{=} a_1^{j_1} \cdots a_n^{j_n} \in G,$$

This should have been:

$$a_J \overset{\text{def}}{=} a_1^{j_1} \cdots a_n^{j_n} \in G,$$

Reference

[1] F. Akman, and P. Sissokho, *Steiner Coset Partitions of Groups.* Canadian Mathematical Bulletin, 2025, 1–15. https://doi.org/10.4153/S0008439525100787.

Keywords: Herzog–Schönheim conjecture, Steiner coset partition, transversal coset parallelism, (affine) vector space partition.

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