

CORRECTION TO “THE STABLE RANK OF SOME FREE PRODUCT C^* -ALGEBRAS”

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The proof of Theorem 1.1 of [1] contains an error. In the second line above equation (1.1), on page 97, instead of “ $u = \lambda_{ab^k}$ ” we should have “ $u = \lambda_{ab^m ab^k}$,” where $m \in \mathbb{N}$ is such that $m - 2k$ is larger than the length of any g_j . This marks the groups elements ug_jv so that if

$$(ug_{j_1}v)(ug_{j_2}v) \cdots (ug_{j_n}v) = (ug_{k_1}v)(ug_{k_2}v) \cdots (ug_{k_n}v),$$

then $j_1 = k_1, j_2 = k_2, \dots, j_n = k_n$, which in turn ensures that equation (1.1) holds.

This technique of marking the elements ug_jv was used in the proof of Lemma 3.7, in the course of the proof of the more general Theorem 3.8.

Moreover, in the fourth line before (1.1), the phrase “when reduced, begins and ends with b or b^{-1} ,” should be “when reduced, is either the identity or begins and ends with b or b^{-1} .”

We would like to thank Mette Jensen for bringing these errors to our attention.

REFERENCES

- [1] K. DYKEMA, U. HAAGERUP, AND M. RØRDAM, *The stable rank of some free product C^* -algebras*, Duke Math. J. **90** (1997), 95–121.

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