

# ERRATUM TO: COMMENSURATIONS OF THE JOHNSON KERNEL

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There are errors in the proof of Main Theorem 2 of the paper [1]. This does not affect the proof of Main Theorem 1 (and its extension in the addendum [2]), which states that the automorphism group and abstract commensurator groups of the Johnson kernel are both isomorphic to the extended mapping class group. The errors do affect Corollary 1.1 and Theorems 1.4, 1.6, and 1.8 (as well as their extensions in the addendum). All of these theorems have now been proved by Kida. Specifically, Corollary 1.1 and Theorems 1.4, 1.6, and 1.8 are given as Theorems 1.1(ii), 1.2(ii), 1.1(i), and 1.2(i) in his paper [3]. Main Theorem 2 can be deduced from his Theorem 1.1(i), using the arguments in Sections 3 and 6 of the original paper.

The errors, pointed out by Yoshikata Kida, are in Section 4.3, which concerns superinjective maps of the complex of separating curves. Section 5 of Kida's paper gives a detailed account. Superinjective maps of curve complexes arise when one is studying the co-Hopfian property for subgroups of mapping class groups. As such, the errors affect the results in the paper concerning the co-Hopfian property and superinjective maps, as listed above.

## REFERENCES

- [1] Tara E. Brendle and Dan Margalit. Commensurations of the Johnson kernel. *Geom. Topol.*, 8:1361–1384, 2004.
- [2] Tara E. Brendle and Dan Margalit. Addendum to: “Commensurations of the Johnson kernel” [Geom. Topol. **8** (2004), 1361–1384; mr2119299]. *Geom. Topol.*, 12(1):97–101, 2008.
- [3] Yoshikata Kida. The co-Hopfian property of the Johnson kernel and the Torelli group. *Osaka J. Math.*, 50(2):309–337, 2013.