A comparison of twisted coefficient systems

Martin Palmer

This is a short erratum for v1 the arXiv preprint *A comparison of twisted coefficient systems* [Pal17], which has now been incorporated into v2 of the article (see [Pal19]).

- **Page 7**: In Remark 2.10, the definition of *pre-braided monoidal category* is recalled incorrectly from [RW17]. The same error is repeated later on the same page, in the second paragraph of §2.4. It is incorrectly stated that a monoidal category $\mathcal{M}$ is *pre-braided* if its underlying groupoid $\mathcal{M}^\sim$ is braided. In fact, to be pre-braided, an additional condition is required – see Definition 1.5 of [RW17] for the precise statement. The first paragraph of Remark 2.10 is then not quite correct as stated. It is not enough to assume that $\mathcal{M}^\sim$ is braided – instead, one needs exactly the additional condition in the definition of a *pre-braided monoidal category* (or alternatively the dual of this condition). This has now been corrected in v2 of the article: see the corrected Remark 2.10 and the expanded proof of Lemma 2.9 in [Pal19].
  — Thanks to Aurélien Djament for pointing out this error.

References

[Pal17]   M. Palmer. *A comparison of twisted coefficient systems*. ArXiv:1712.06310v1. v1: 2017.
[Pal19]   M. Palmer. *A comparison of twisted coefficient systems*. ArXiv:1712.06310v2. v2: 2019.
[RW17]   O. Randal-Williams and N. Wahl. *Homological stability for automorphism groups*. *Adv. Math.* 318 (2017), pp. 534–626. {arxiv:1409.3541}.