



Errata to the paper “On Exact Sequences and Strict Bounded Group Homomorphisms”

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ABSTRACT: Corrections to the above-mentioned paper are provided.

Key Words: Bornological groups, Bounded group homomorphisms, Exact sequences.

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1. Errata

To begin Section 2 (Preliminaries) with the following phrase: “Throughout, all the groups under consideration will be commutative.”

The first and second lines of condition (b) of Theorem 3.4 should be replaced by “for each bornological group (H, \mathcal{H}) , the sequence”.

In the fourth and fifth lines of the proof of Theorem 3.4, to omit “; hence, in this case, $\text{Im}(u)$ is a normal subgroup of C and $\text{Im}(v)$ ($= D$) is a normal subgroup of D ”.

The first and second lines of condition (b) of Corollary 3.5 should be replaced by “for each group H , the sequence”.

In the ninth and tenth lines of the proof of Corollary 3.5, to omit “ $\text{Im}(u)$ (resp. $\text{Im}(v)$) is a normal subgroup of C (resp. D) and”.

References

1. Bourbaki, N., *Algèbre*, Chapitre 2, Troisième édition, Actualités Scientifiques et Industrielles 1236, Hermann (1967).
2. Pombo Jr., D. P., *Bornological groups*, Indian J. Math. 54, 225-258 (2012).

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