ERRATUM TO “LEFT-DETERMINED MODEL CATEGORIES AND UNIVERSAL HOMOTOPY THEORIES”

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D.-C. Cisinski [C], 8.3.11 pointed out that Lemma 3.2 in our paper [RT] is false. In fact, he characterized \( \text{cof}(I) \) as the class \( NMono \) of all normal monomorphisms. As an example of a non-normal monomorphism he gave

\[
\Delta_0 \to Q,
\]

where \( Q \) is the coequalizer

\[
\Delta_1 \xrightarrow{id} \Delta_1 \xrightarrow{s} \Delta_1 \to Q
\]

of \( \text{id}_{\Delta_1} \) and the symmetry \( s \) interchanging the two points of \( \Delta_1 \). It means that \( Q \) has one point and one non-degenerate edge.

But everything in our paper remains correct when monomorphisms are replaced by normal monomorphisms. In particular, one should put \( C = NMono \) in Theorem 3.4. Our main result, which is Theorem 4.1, remains unchanged.

REFERENCES


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