

ERRATUM TO EXTENSIONS OF MAPS DEFINED ON CONVERGENCE SPACES

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In the above titled paper [1], the hypothesis of Theorem 4.4 is in error. The hypothesis should state that Z is a topological convergence space. Moreover, within the proof the phrases "if $N \in \mathcal{N}(z)$, $z \in Z$ " and "let $A = N$ " in lines 2 and 3 should read "if $A \in \mathcal{N}(A)$ " and "letting N denote an open set, $A = N$ ", respectively. Of course, the hypothesis of each of the corollaries must also be changed. This means that Corollary 4.4.2 does extend Taimonov's basic extension theorem to nontopological convergence space domains. This corollary is but a restatement of Taimonov's result in terms of filters. For this reason example 4.4 is also invalid. There are various theorems that parallel Theorem 4.4 where the closure operator is not that determined by the topology [2, 3].

REFERENCES

1. R. A. Herrmann, *Extensions of maps defined on convergence spaces*, Rocky Mt. J. of Math. **12** (1982), 23–37.
2. R. A. Herrmann, *A note on weakly θ -continuous extensions*, Glasnik Mat. **10** (1975), 329–336.
3. L. Rudolf, *Extending maps from dense subspaces*, Fund Math. **77** (1972), 171–190.

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