

Josefa Marin; Salvador Romaguera

Correction to the paper: Pairwise monotonically normal spaces

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CORRECTION

to the paper “Pairwise monotonically normal spaces”

Josefa Marín, Salvador Romaguera

The main purpose of this postscript is to rectify an erratum detected in the statement of Lemma 4 in our paper [MR]. Actually, this result shall be read as follows:

“A space (X, τ_1, τ_2) is τ_2 -semi-stratifiable with respect to τ_1 if and only if there is $g : N \times X \rightarrow \tau_1$ such that

- (a) $x \in g(n, x)$ for all $x \in X$ and $n \in N$,
- (b) if, for each $n \in N$, $x \in g(n, x_n)$, then the sequence $(x_n)_{n \in N}$ is τ_2 -convergent to x ”.

Therefore, Lemma 6, Lemma 8 and Theorem 4 shall be read putting “... τ_2 -semi-stratifiable with respect to τ_1 ...” instead of “... τ_1 -semi-stratifiable with respect to τ_2 ...”.

Finally, the references included in the paragraph preceding Lemma 4 are [22] and [5] and the last condition in Lemma 3 (a) is the following:

$$\tau_i \text{cl } H(\alpha) \subset \tau_j \text{int } H(\beta) \text{ for } \alpha < \beta.$$

REFERENCES

- [MR] Marín J., Romaguera S., *Pairwise monotonically normal spaces*, Comment. Math. Univ. Carolinae **32** (1991), 567–579.

E.U. TOPOGRAFÍA Y OBRAS PÚBLICAS, DPTO. MATEMÁTICA APLICADA, UNIVERSIDAD POLITÉCNICA, 46071 VALENCIA, SPAIN

ESCUELA DE CAMINOS, DPTO. MATEMÁTICA APLICADA, UNIVERSIDAD POLITÉCNICA, 46071 VALENCIA, SPAIN

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