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Erratum

Erratum to "Existence of Solutions for Generalized Vector Quasi-Equilibrium Problems by Scalarization Method with Applications"

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We found a mistake in Example 15 in the published paper after its publication. The corrected version is as follows.

Example 15. Let $X = Y = Z = \mathbb{R}$, $E = \mathbb{R}_+$, and F = $[-10, 10] \subset Z$, and let e(x) = 1, for all $x \in E$, and $C(x) = \mathbb{R}_+$, for all $x \in E$.

(1) Define

$$G(u) = \begin{cases} [u, u+1], & u \in (0, 10], \\ \{0\}, & u \in [-10, 0]. \end{cases}$$
 (17)

Evidently, G is not usc on F. After simply calculating,

$$\xi_G(x, u) = \begin{cases} u + 1, & x \in E, \ 0 < u \le 10, \\ 0, & x \in E, \ -10 \le u \le 0. \end{cases}$$
 (18)

 ξ_G is not use on $E \times F$ due to the fact that $\{(x, u) \in E \times F : A \in E \setminus F : A \setminus E : A \in E \setminus F : A \setminus F : A \setminus E : A \setminus F : A \setminus F : A \setminus E : A \setminus F : A$ $\xi(x, u) \ge 1$ = $\mathbb{R}_+ \times (0, 10]$ is not closed.

(2) Consider the following mapping:

$$G(u) = \begin{cases} [u, u+1], & u \in [0, 10], \\ \{0\}, & u \in [-10, 0). \end{cases}$$
(19)

Obviously, *G* is not lsc on *F*. Also, ξ_G fails to be lsc on $E \times F$, where

$$\xi_G(x, u) = \begin{cases} u + 1, & x \in E, \ 0 \le u \le 10, \\ 0, & x \in E, \ -10 \le u < 0. \end{cases}$$
 (20)

Furthermore, the following misprints should be noted.

With regard to the conceptions of D-closeness and Dbounded, in page 1, the correct text should be: A is called Dclosed [11] if A + clD is closed and D-bounded [11] if for each neighborhood U of zero in Y, there exists $\lambda > 0$ such that $A \subset \lambda U + D$.

In page 2, left, line 5, the correct text should be: "Incidentally, every TVS such that any singleton is closed is Hausdorff (see [12])."

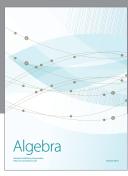
In page 2, right, line -18, the correct text should be: "From now on, unless otherwise specified, let X, Y and Z be Hausdorff real TVSs and ..."

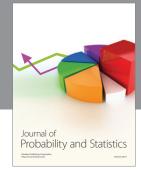
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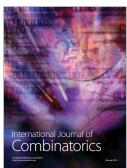






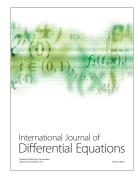


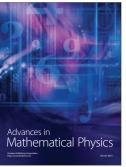






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