Diego Averna

Errata to the paper: ``Regularization of closed-valued multifunctions in a non-metric setting''

ERRATA TO THE PAPER
"REGULARIZATION OF CLOSED–VALUED
MULTIFUNCTIONS IN A NON–METRIC SETTING"

DIEGO AVERNA

Owing to a postal delay, paper [1] has been published without proofreading.

The equality in line 5 on page 423 must be re-written as follows:

$$G\big(\cdot,\hat{p}(\cdot)\big)^{-}(V) = \mathrm{proj}_T\left(\mathrm{Gr}\Big(G\big(\cdot,\hat{p}(\cdot)\big)\big|_{T-T_0}\Big) \cap \big((T-T_0) \times V\big)\right) \cup N.$$

The multifunction $\hat{F}$ in line 20 on page 423 must be properly defined as follows:

$$\hat{F}(t,x) = \begin{cases} \big(\overline{\mathrm{Gr}(F(t,\cdot))}\big)_x & \text{if } t \in \mathrm{proj}_T(D) - T_0, \\ \emptyset & \text{if } t \in \big(T - \mathrm{proj}_T(D)\big) \cup T_0. \end{cases}$$

The expression $t \in T - T_0$ in line 23 on page 423 must be replaced with $t \in \mathrm{proj}_T(D) - T_0$.

Reference [3] of [1] has been already published; it must be updated as follows:

[3] AVERNA, D.: *Lusin type theorems for multifunctions, Scorza Dragoni's property and Carathéodory selections*, Boll. Un. Mat. Ital. A (7) **8** (1994), 193–202.

Finally, the current author's e-mail address is averna@ipamat.math.unipa.it.

REFERENCES

[1] AVERNA, D.: *Regularization of closed-valued multifunctions in a non-metric setting*, Math. Slovaca **44** (1994), 413–425.

Dipartimento di Matematica ed Applicazioni
Facoltà di Ingegneria
Viale delle Scienze
I-90128 Palermo
Italy
E-mail: averna@ipamat.math.unipa.it.