Erratum to: Algorithms for solutions of extended general mixed variational inequalities and fixed points

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The original publication of the article contains errors which need to be amended as mentioned below:

- (1) In Section 2, “Formulations and basic facts”, lines 2 and 3, “Let $T, g, h : \mathcal{H} \rightarrow \mathcal{H}$ be three nonlinear single-valued operators” should be replaced by “Let $T, g, h : \mathcal{H} \rightarrow \mathcal{H}$ be three nonlinear single-valued operators such that g be an onto operator”.
- (2) In the problem (2.1), “ $\rho\varphi(u)$ ” must be changed to “ $\rho\varphi(h(u))$ ”.
- (3) In Section 6, part “(III)” must be edited as below:
(III) Let the operators T and g be linear and suppose that the inverses of T and g , that is, T^{-1} and g^{-1} exist. Then (6.1) can be written as follows:

$$\begin{aligned}Th^{-1}J_{\varphi}^{\rho}z + \rho^{-1}R_{\varphi}z = 0 &\Leftrightarrow T(g^{-1}(z - R_{\varphi}z)) + \rho^{-1}R_{\varphi}z = 0 \\&\Leftrightarrow g^{-1}(z - R_{\varphi}z) = T^{-1}(-\rho^{-1}R_{\varphi}z) \\&\Leftrightarrow z - R_{\varphi}z = g(-\rho^{-1}T^{-1}R_{\varphi}z)\end{aligned}$$

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$$\Leftrightarrow z = R_{\varphi}z - \rho^{-1}gT^{-1}R_{\varphi}z$$

$$\Leftrightarrow z = (I - \rho^{-1}gT^{-1})R_{\varphi}z.$$

- (4) In Algorithm 6.5, the iterative process “ $z_{n+1} = (1 - \alpha_n)z_n + \alpha_n(I - \rho^{-1}hT^{-1})R_{\varphi}z_n$ ”, must be replaced by “ $z_{n+1} = (1 - \alpha_n)z_n + \alpha_n(I - \rho^{-1}gT^{-1})R_{\varphi}z_n$ ”.
- (5) In Algorithm 6.8, the iterative process “ $z_{n+1} = (1 - \alpha_n)z_n + \alpha_n(I - \rho^{-1}hT^{-1})Q_Kz_n$ ”, should be replaced by “ $z_{n+1} = (1 - \alpha_n)z_n + \alpha_n(I - \rho^{-1}gT^{-1})Q_Kz_n$ ”.

All the assertions are valid with these corrections.