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CORRECTION

Correction to: Brezis pseudomonotone bifunctions and quasi equilibrium problems via penalization

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The results in this paper hold in the setting of a reflexive Banach space endowed with the weak topology, unless otherwise stated. The assumption iv. in Theorem 2 becomes:

iv. whenever $x, y \in C$, $x_n \in C$, $x_n \rightharpoonup x$ and $f(x_n, (1-t)x + ty) \geq 0$ for all $t \in [0,1]$ and for all n, then $f(x, y) \geq 0$;

The proof of Proposition 2 becomes:

Proof Let $x, y \in C$, $x_n \in C$, $x_n \rightharpoonup x$ and $f(x_n, (1-t)x + ty) \geq 0$ for all $t \in [0,1]$; in particular, $f(x_n, x) \geq 0$ and $f(x_n, y) \geq 0$. Then, $\liminf_{n\to\infty} f(x_n, x) \geq 0$ and, by B-pseudomonotonicity, $f(x, y) \geq \limsup_{n\to\infty} f(x_n, y) \geq 0$, for all $y \in C$, that is $f(x, y) \geq 0$. □

Finally, in Definition 1 the convexity of the set C is not essential.

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