

CORRECTION

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Corrigendum to 'Coupled fixed point theorems for α - ψ -contractive type mappings in partially ordered metric spaces'

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Abstract

In this note we present some corrections on our previous paper (Fixed Point Theory Appl. 2012:228, 2012).

In the paper [1], the following corrections are required on pages 3 and 6.

Inequality (3.1) in Theorem 3.4 on page 3 and the same inequality in Theorem 3.5 on page 6 should read as follows:

$$\alpha((x, y), (u, v)) \frac{d(F(x, y), F(u, v)) + d(F(y, x), F(v, u))}{2} \leq \psi \left(\frac{d(x, u) + d(y, v)}{2} \right).$$

The corresponding changes in the proofs of these theorems will lead to the conclusions easily. Moreover, we can easily choose suitable $F(x, y)$ in Examples 3.7 and 3.8 to meet our requirements.

Competing interests

The authors declare that they have no competing interests.

Authors' contributions

All the authors contributed equally and significantly in writing this paper. All authors read and approved the final manuscript.

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1. Mursaleen, M, Mohiuddine, SA, Agarwal, RP: Coupled fixed point theorems for α - ψ -contractive type mappings in partially ordered metric spaces. *Fixed Point Theory Appl.* **2012**, Article ID 228 (2012)

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