

عنوان مقاله:

Some coupled coincidence point results in partially ordered metric spaces

محل انتشار:

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نویسندگان:

Laya Fadakar - Department of Mathematics, Ardabil Branch, Islamic Azad University, Ardabil, Iran

Huseyin Işık - Department of Engineering Science, Bandırma Onyedi Eylül University, 10200, Bandırma, Balıkesir, Turkey

Shirin Tavakoli - Department of Mathematics, Ardabil Branch, Islamic Azad University, Ardabil, Iran

Arezo Mardzad - Department of Mathematics, Ardabil Branch, Islamic Azad University, Ardabil, Iran

خلاصه مقاله:

In this paper, we introduce the notion of partial-compatibility of mappings in an ordered partial metric space and use this notion to establish coupled coincidence point theorems for ϕ -mixed monotone mappings satisfying a nonlinear contraction condition. Our consequences is an extension of the results of Shatanawi et al. [W. Shatanawi, B. Samet and M. Abbas, Coupled fixed point theorems for mixed monotone mappings in ordered partial metric spaces], Math. Comp. Model., 55(3-4) (2012), 680-687]. We also provide an example to illustrate the results presented herein

کلمات کلیدی:

Coupled coincidence point, Partially ordered set, partial metric space, Mixed monotone property, Compatible mapping

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