عنوان مقاله:

Extensions of \varphi-Fixed Point Results via w-Distance

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خلاصه مقاله:

In this paper, we obtain a \varphi-fixed point result concerning w-distance. There are three illustrative examples. In a separate section, we compare of the present result with that of the corresponding results prevalent in metric spaces and indicate certain new features obtained using w-distance. One such feature is that under certain circumstances, the fixed point can be a point of discontinuity, which is impossible in the metric case. We give an application to non-linear integral equations. The paper ends with a conclusion.

کلمات کلیدی:

Fixed point, Metric space, φ-fixed point, w-distance, Integral equation

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