

## EXISTENCE OF BEST PROXIMITY POINTS FOR SET-VALUED CYCLIC MEIR-KEELER CONTRACTIONS

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**Abstract.** In this paper the concept of set-valued cyclic Meir-Keeler contraction map is introduced. The existence of best proximity point for such maps on a metric space with the UC property is presented.

**Keywords and Phrases:** Best proximity point, property UC, set-valued cyclic Meir-Keeler contraction map.

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