COMPATIBLE MAPPINGS OF TYPE (E) AND COMMON FIXED POINT THEOREMS OF MEIR-KEELER TYPE

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Abstract

In this paper, we introduce the concept of compatible maps of the type (E) on a metric space, which is equivalent to the concept of compatible maps (compatible maps of type (A), compatible maps of type (P)) under some conditions and obtain common fixed-point theorems of Meir-Keeler type. Our result extends, generalizes or improves some known results of Meir-Keeler ([8]), Maiti-Pal ([9]), Park-Rhoades ([10]), Pant ([12]), Rao-Rao ([19]), etc.

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