A GENERAL UNIQUE COMMON FIXED POINT THEOREM FOR HYBRID PAIRS OF MAPPINGS IN METRIC SPACES

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Abstract. The purpose of this paper is to prove a general unique common fixed point theorem for two pairs of mappings using Hausdorff - Pompeiu metric, which generalizes, in a correct form, the results from [8] and extends Theorem 2.4 [9], for occasionally \((f, F)\) - weakly commuting mappings.

References


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Keywords: Fixed point; hybrid pairs; occasionally commuting; implicit relation.

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A general unique common fixed point theorem for hybrid pairs of mappings


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