عنوان مقاله:

Coupled fixed point theorems for rational type contractions via C-class functions

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خلاصه مقاله:

In this paper, by using C-class functions, we will present a coupled fixed problem in b-metric space for the single-valued operators satisfying a generalized contraction condition. The first part of the paper is related to some fixed point theorems, the second part presents the uniqueness and existence of the solution of the coupled fixed point problem and in the third part, we discuss data dependence, well-posedness, Ulam-Hyers stability and limit shadowing property of the coupled fixed point set.

کلمات کلیدی:

Fixed point, ordered metric space, rational type contraction, Coupled fixed point, data dependence, well-posedness, Ulam-Hyers stability, limit shadowing property

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