

عنوان مقاله:

FUZZY FRACTIONAL PARTIAL DIFFERENTIAL EQUATIONS IN PARTIALLY ORDERED METRIC SPACES

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خلاصه مقاله:

In this paper, we consider fuzzy fractional partial differential equations under Caputo generalized Hukuhara differentiability. Some new results on the existence and uniqueness of two types of fuzzy solutions are studied via weakly contractive mapping in the partially ordered metric space. Some application examples are presented to illustrate our main results.

کلمات کلیدی:

Fractional PDEs, Caputo gH-derivatives, Fuzzy weak solutions, Weakly contractive mapping, Partially ordered space

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