

## عنوان مقاله:

Numerical Methods for Fuzzy Linear Partial Differential Equations under new Definition for Derivative

## محل انتشار:

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## خلاصه مقاله:

In this paper difference methods to solve "fuzzy partial differential equations" (FPDE) such as fuzzy hyperbolic and fuzzy parabolic equations are considered. The existence of the solution and stability of the method are examined in detail. Finally examples are presented to show that the Hausdorff distance between the exact solution and approximate solution tends to zero.

## کلمات کلیدی:

Fuzzy partial differential equation, Difference method

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1470392>

