عنوان مقاله:

A Method for Solving Linear Systems of Fuzzy Differential Equations under Generalized Hukuhara Differentiability

محل انتشار:

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خلاصه مقاله:

The paper proposes a procedure for solving a linear system of fuzzy differential equations from the point of view of the generalized Hukuhara derivative. First, the method is based on two functions of half-length and midpoint of fuzzy numbers and next it is implemented on the problem in two separate cases of generalized Hukuhara differentiability, in details. Two numerical examples are given to clarify the practical application of the results.

کلمات کلیدی:

Fuzzy differential, fuzzy systems, Gh-differentiable

لینک ثابت مقاله در پایگاه سیویلیکا: