

عنوان مقاله:

Numerical solutions of fuzzy nonlinear integral equations of the second kind

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خلاصه مقاله:

In this paper, we use the parametric form of fuzzy numbers, and an iterative approach for obtaining approximate solution for a class of fuzzy nonlinear Fredholm integral equations of the second kind is proposed. This paper presents a method based on Newton-Cotes methods with positive coefficient. Then we obtain approximate solution of the fuzzy nonlinear integral equations by an iterative approach.

کلمات کلیدی:

Fuzzy nonlinear Fredholm integral equations, Newton-Cotes methods, Parametric form of a fuzzy number

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