

**عنوان مقاله:**

Numerical Solution of fuzzy Volterra Linear Integral equations based on Sinc method

**محل انتشار:**

اولین کنفرانس ملی ریاضیات صنعتی (سال: 1393)

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**نویسنده:**

GH Kazemi Gelian - *Department of Mathematics, Shirvan Branch, Islamic Azad University, Shirvan, Iran*

**خلاصه مقاله:**

In this paper, numerical solution of fuzzy Volterra linear integral equations is considered by applying Sinc method based on double exponential transformation with dual Fuzzy linear system. For this purpose, we convert the given fuzzy integral equation to a fuzzy linear system of equations, the Sinc collocation method with double exponential transformation are used. Numerical examples are provided to verify the validity of proposed method.

**کلمات کلیدی:**

Fuzzy number, Fuzzy Volterra integral equations, Sinc method, dual system, double exponential transformation

**لینک ثابت مقاله در پایگاه سیویلیکا:**

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