

## عنوان مقاله:

KNN- Based Density Estimation of Fuzzy Number

## محل انتشار:

دومین کنگره مشترک سیستمهای فازی و هوشمند ایران (سال: 1387)

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## خلاصه مقاله:

In this paper, a new method is presented for density estimation of fuzzy number. The proposed approach is based on K-nearest neighbour method that is one of the most popular algorithms in artificial intelligence. This viewpoint in the density estimation of fuzzy number is a type of data oriented method. In presented work we use K-NN over fuzzy number with some distance metrics for fuzzy numbers like Hausdorff, Hathway and Yang distance. Experimental results show that our method has good results in density estimation even presence of noise

## کلمات کلیدی:

K-nearest neighbour, Fuzzy number, Density estimation, Artificial intelligence

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/203712>

