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*TIME SERIES FORECASTING IN SOFTWARE RELIABILITY BY FUZZY NEAREST  
NEIGHBOUR METHOD*

**Abstract:** Time series approach is used to predict future values based on the history of past values. This paper considers the usage of a fuzzy nearest neighbour method for time series forecasting. Not only sequential patterns in time series data are considered, but also the subsequences with some optimal size.

**Keywords:** fuzzy logic, time-series, software reliability