BURTSCHY, Bernard; ALBEANU, Grigore; POPENȚIU-VLĂDICEȘCU, Florin, 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