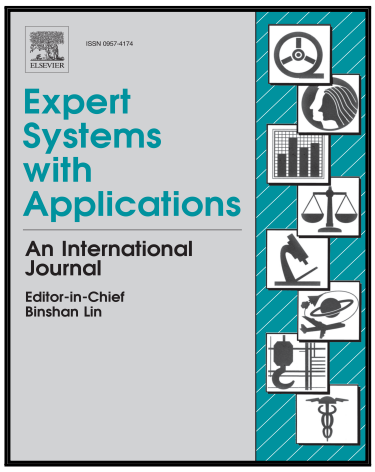
Accepted Manuscript



Fuzzy time series forecasting method based on hesitant fuzzy sets

Kamlesh Bisht , Sanjay Kumar

PII: S0957-4174(16)30391-8
DOI: 10.1016/j.eswa.2016.07.044
Reference: ESWA 10790

To appear in: *Expert Systems With Applications*

Received date: 25 March 2016
Revised date: 29 July 2016
Accepted date: 30 July 2016

Please cite this article as: Kamlesh Bisht , Sanjay Kumar , Fuzzy time series forecasting method based on hesitant fuzzy sets, *Expert Systems With Applications* (2016), doi: 10.1016/j.eswa.2016.07.044

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- We propose a fuzzy time series forecasting method using hesitant fuzzy sets.
- An aggregation operator is also proposed to aggregate hesitant fuzzy elements.
- Hesitancy is introduced by using multiple fuzzification methods.
- University of Alabama enrollments and SBI share prices are forecasted.
- Performance of method is measured in terms of MSE and AFER.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6855603

Download Persian Version:

https://daneshyari.com/article/6855603

Daneshyari.com