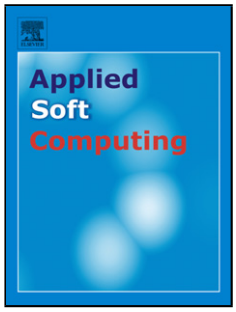
Accepted Manuscript



Title: Meta Fuzzy Functions: Application of Recurrent Type-1 Fuzzy Functions

Author: Nihat Tak

PII: S1568-4946(18)30457-5
DOI: https://doi.org/doi:10.1016/j.asoc.2018.08.009
Reference: ASOC 5037

To appear in: *Applied Soft Computing*

Received date: 25-1-2018
Revised date: 30-7-2018
Accepted date: 7-8-2018

Please cite this article as: Nihat Tak, Meta Fuzzy Functions: Application of Recurrent Type-1 Fuzzy Functions, *<![CDATA[Applied Soft Computing Journal]]>* (2018), https://doi.org/10.1016/j.asoc.2018.08.009

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

- The proposed method is the first approach that aims to aggregate models into functions with the help of FCM.
- The only assumption of the MFFs is the assumption that each method for a specific purpose has some knowledge about a given dataset.
- The main advantage of MFFs is its simplicity. One does not need to have a deep understanding of fuzzy set theory to implement or understand the proposed method. The only need for implementing the proposed method is to understand the FCM algorithm.
- MFFs are able to search for the best method among many. However, MFFs usually increase the performance of the related methods by aggregating them into functions in terms of some evaluation criteria.

Accepted Manuscript

Download English Version:

https://daneshyari.com/en/article/8953870

Download Persian Version:

https://daneshyari.com/article/8953870

Daneshyari.com