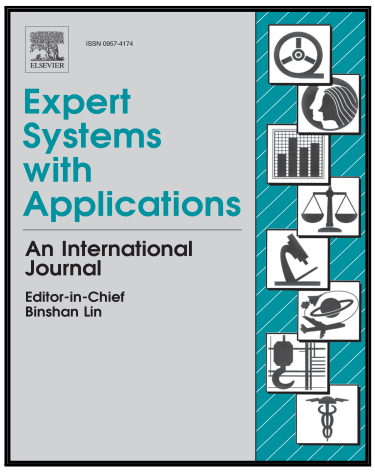
Accepted Manuscript



Modeling and optimization of multi-objective programming problems in intuitionistic fuzzy environment:Optimistic, pessimistic and mixed approaches

Vishnu Singh, Shiv Prasad Yadav

PII: S0957-4174(18)30127-1
DOI: 10.1016/j.eswa.2018.02.038
Reference: ESWA 11842

To appear in: *Expert Systems With Applications*

Received date: 17 November 2017
Revised date: 30 January 2018
Accepted date: 26 February 2018

Please cite this article as: Vishnu Singh, Shiv Prasad Yadav, Modeling and optimization of multi-objective programming problems in intuitionistic fuzzy environment:Optimistic, pessimistic and mixed approaches, *Expert Systems With Applications* (2018), doi: 10.1016/j.eswa.2018.02.038

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 defined the accuracy function and point operator F_α of IFS.
- We proposed new value function based on F_α and compared existing value functions.
- We introduced the membership function governs by reference function.
- A new method is proposed for solving MOPP in IFE.
- An illustrative example is given to support the proposed method.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6855063

Download Persian Version:

https://daneshyari.com/article/6855063

Daneshyari.com