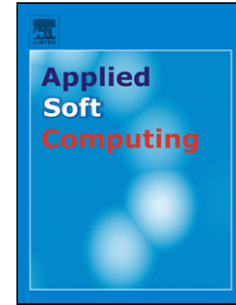


Accepted Manuscript

Title: Application of a new combined intuitionistic fuzzy MCDM approach based on axiomatic design methodology for the supplier selection problem

Author: Gülçin Büyüközkan Fethullah Göçer



PII: S1568-4946(16)30453-7
DOI: <http://dx.doi.org/doi:10.1016/j.asoc.2016.08.051>
Reference: ASOC 3793

To appear in: *Applied Soft Computing*

Received date: 1-2-2016
Revised date: 31-7-2016
Accepted date: 26-8-2016

Please cite this article as: Gülçin Büyüközkan, Fethullah Göçer, Application of a new combined intuitionistic fuzzy MCDM approach based on axiomatic design methodology for the supplier selection problem, *Applied Soft Computing Journal* <http://dx.doi.org/10.1016/j.asoc.2016.08.051>

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.

Application of a new combined intuitionistic fuzzy MCDM approach based on axiomatic design methodology for the supplier selection problem

Gülçin Büyüközkan* and Fethullah Göçer

Industrial Engineering Department, Galatasaray University,

34349 Ortakoy, Istanbul, Turkey

gulcin.buyukozkan@gmail.com , fgocer@gsu.edu.tr

* Corresponding Author

Highlights

- This study proposes a new combined intuitionistic fuzzy (IF) MCDM approach for effective supplier selection.
- IF Analytic Hierarchy Process is used to determine the supplier evaluation criteria weights.
- IF Axiomatic Design is used in order to evaluate potential suppliers.
- A case study from Turkey is provided to validate the proposed integrated IF MCDM approach.
- This study can be useful to researchers in better understanding the supplier selection problem theoretically.
- This study can be useful to organizations in designing better satisfying supplier evaluation systems.

Download English Version:

<https://daneshyari.com/en/article/4963533>

Download Persian Version:

<https://daneshyari.com/article/4963533>

[Daneshyari.com](https://daneshyari.com)