Accepted Manuscript

Data Mining Methods for Knowledge Discovery in Multi-Objective Optimization: Part B - New Developments and Applications

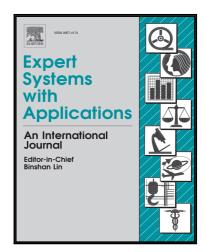
Sunith Bandaru, AmosH.C. Ng, Kalyanmoy Deb

PII: S0957-4174(16)30547-4 DOI: 10.1016/j.eswa.2016.10.016

Reference: ESWA 10921

To appear in: Expert Systems With Applications

Received date: 17 December 2015 Revised date: 13 August 2016 Accepted date: 10 October 2016



Please cite this article as: Sunith Bandaru, AmosH.C. Ng, Kalyanmoy Deb, Data Mining Methods for Knowledge Discovery in Multi-Objective Optimization: Part B - New Developments and Applications, *Expert Systems With Applications* (2016), doi: 10.1016/j.eswa.2016.10.016

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

- Four methods are developed for data mining discrete multi-objective optimization datasets.
- Two of the methods are unsupervised, one is supervised and the other is hybrid.
- Knowledge is represented as patterns in one method, and as rules in other methods.
- Methods are applied to three real-world production system optimization problems.
- Extracted knowledge is compared across methods and provides new insights.

Download English Version:

https://daneshyari.com/en/article/4943570

Download Persian Version:

https://daneshyari.com/article/4943570

<u>Daneshyari.com</u>