

## 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](https://doi.org/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](https://doi.org/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.

**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.

ACCEPTED MANUSCRIPT

Download English Version:

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

Download Persian Version:

<https://daneshyari.com/article/4943570>

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