Accepted Manuscript

A fast heuristic attribute reduction approach to ordered decision systems

Wen Sheng Du, Bao Qing Hu

PII: S0377-2217(17)30233-3
DOI: 10.1016/j.ejor.2017.03.029
Reference: EOR 14313

To appear in: *European Journal of Operational Research*

Received date: 27 February 2016
Revised date: 12 January 2017
Accepted date: 12 March 2017

Please cite this article as: Wen Sheng Du, Bao Qing Hu, A fast heuristic attribute reduction approach to ordered decision systems, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.03.029

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

- Time efficiency of algorithms using and non-using the core for finding a reduct is analyzed and compared.
- The universe is reduced by removing uninformative objects.
- The insignificant criteria are dropped to lessen the number of features.
- The reducts obtained by both the accelerated and original versions are the same.
- Experimental analysis shows the validity and efficiency of accelerated methods.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/4959408

Download Persian Version:

https://daneshyari.com/article/4959408

Daneshyari.com