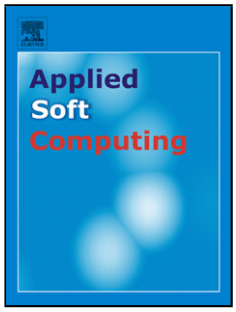
Accepted Manuscript



Title: A bi-objective batch processing problem with dual-resources on unrelated-parallel machines

Authors: Omid Shahvari, Rasaratnam Logendran

PII: S1568-4946(17)30496-9
DOI: http://dx.doi.org/doi:10.1016/j.asoc.2017.08.014
Reference: ASOC 4404

To appear in: *Applied Soft Computing*

Received date: 7-12-2016
Revised date: 13-7-2017
Accepted date: 5-8-2017

Please cite this article as: Omid Shahvari, Rasaratnam Logendran, A bi-objective batch processing problem with dual-resources on unrelated-parallel machines, Applied Soft Computing Journalhttp://dx.doi.org/10.1016/j.asoc.2017.08.014

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

A bi-objective batch processing problem with dual-resources on unrelated-parallel machines

Omid Shahvari[1] and Rasaratnam Logendran

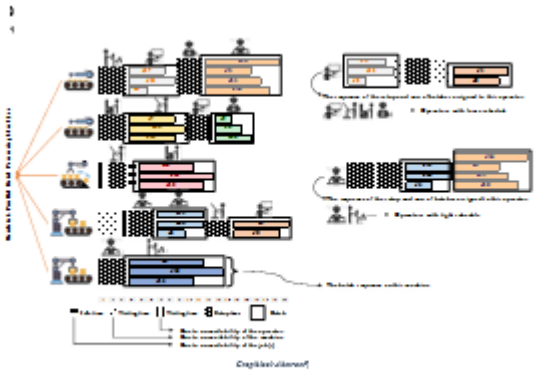
School of Mechanical, Industrial, and Manufacturing Engineering

Oregon State University

Corvallis, OR 97331-6001, USA.

[1]Corresponding Author: Omid Shahvari, Tel: 1-541-908-2368, E-mail: shahvaro@oregonstate.edu
Rasaratnam Logendran, Tel: 1-541-737-5239, Fax: 1-541-737-2600, E-mail: Logen.Logendran@oregonstate.edu

Graphical abstract



Highlights

- A batch processing problem with dual-resources on unrelated-parallel machines.
- Bi-objective to minimize production time and cost.
- A bi-objective MILP model developed in four layers to address the problem.
- A Pareto optimal set obtained by augmented ε-constraint method.

دریافت فوری ← متن کامل مقاله

ISIArticles
مرجع مقالات تخصصی ایران

✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
✓ امکان دانلود نسخه ترجمه شده مقالات
✓ پذیرش سفارش ترجمه تخصصی
✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
✓ دانلود فوری مقاله پس از پرداخت آنلاین
✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات