Accepted Manuscript

Minimizing the makespan on a single machine with flexible maintenances and jobs' release dates

Wei-Wei Cui, Zhiqiang Lu

 PII:
 S0305-0548(16)30274-X

 DOI:
 10.1016/j.cor.2016.11.008

 Reference:
 CAOR 4121

To appear in:

Computers and Operations Research

Received date:29 October 2014Revised date:10 November 2016Accepted date:10 November 2016

Please cite this article as: Wei-Wei Cui , Zhiqiang Lu , Minimizing the makespan on a single machine with flexible maintenances and jobs' release dates, *Computers and Operations Research* (2016), doi: 10.1016/j.cor.2016.11.008

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.



A clear mathematical description of the integration between production scheduling and maintenance is presented.

A high accurate heuristic *ERD-LPT* is proposed based on the analysis of optimal properties.

A branch-and-bound algorithm is developed, which can be used to solve the small-to-medium sized problems.

Download English Version:

https://daneshyari.com/en/article/4959086

Download Persian Version:

https://daneshyari.com/article/4959086

Daneshyari.com