Accepted Manuscript

A local branching heuristic for the open pit mine production scheduling problem

Mehran Samavati , Daryl Essam , Micah Nehring , Ruhul Sarker

PII: S0377-2217(16)30541-0
DOI: 10.1016/j.ejor.2016.07.004
Reference: EOR 13830

To appear in: *European Journal of Operational Research*

Received date: 14 July 2015
Revised date: 4 July 2016
Accepted date: 4 July 2016

Please cite this article as: Mehran Samavati , Daryl Essam , Micah Nehring , Ruhul Sarker , A local branching heuristic for the open pit mine production scheduling problem, *European Journal of Operational Research* (2016), doi: 10.1016/j.ejor.2016.07.004

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

- A local branching heuristic is used to tackle the open pit mine scheduling.
- An adaptive branching scheme is developed and combined with local branching.
- A heuristic is developed to generate starting feasible solutions for local branching.
- Minimum resource requirements are considered.
- A comparison is drawn between the proposed methodology and other techniques.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/4960136

Download Persian Version:

https://daneshyari.com/article/4960136

Daneshyari.com