

Accepted Manuscript

Extended GRASP for the Job Shop Scheduling Problem with Total Weighted Tardiness Objective

C. Bierwirth, J. Kuhpfahl

PII: S0377-2217(17)30234-5
DOI: [10.1016/j.ejor.2017.03.030](https://doi.org/10.1016/j.ejor.2017.03.030)
Reference: EOR 14314



To appear in: *European Journal of Operational Research*

Received date: 17 July 2015
Revised date: 28 February 2017
Accepted date: 12 March 2017

Please cite this article as: C. Bierwirth, J. Kuhpfahl, Extended GRASP for the Job Shop Scheduling Problem with Total Weighted Tardiness Objective, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.03.030](https://doi.org/10.1016/j.ejor.2017.03.030)

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

- The critical tree enables an effective steering of a first-descent neighborhood search.
- New schedules are evaluated by a fast technique called “Heads updating”.
- These and further components are included into the well-known GRASP framework
- For larger sized benchmarks, EGRASP delivers some new best solutions.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4959470>

Download Persian Version:

<https://daneshyari.com/article/4959470>

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