

## Accepted Manuscript

The job shop scheduling problem with convex costs

Reinhard Bürgy, Kerem Bülbül

PII: S0377-2217(18)30048-1  
DOI: [10.1016/j.ejor.2018.01.027](https://doi.org/10.1016/j.ejor.2018.01.027)  
Reference: EOR 14928



To appear in: *European Journal of Operational Research*

Received date: 3 July 2017  
Revised date: 8 January 2018  
Accepted date: 11 January 2018

Please cite this article as: Reinhard Bürgy, Kerem Bülbül, The job shop scheduling problem with convex costs, *European Journal of Operational Research* (2018), doi: [10.1016/j.ejor.2018.01.027](https://doi.org/10.1016/j.ejor.2018.01.027)

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 model subsumes frequently studied problems with regular & non-regular objectives.
- The model also allows for new processing characteristics and a convex objective.
- The timing problem is re-formulated and solved efficiently by an existing algorithm.
- The optimal timing solution is leveraged for neighborhood definition in local search.
- The computational efficacy is demonstrated on two different problems.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6894870>

Download Persian Version:

<https://daneshyari.com/article/6894870>

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