

Accepted Manuscript

Exact and heuristic algorithms for the just-in-time scheduling problem in a batch processing system

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PII: S0305-0548(16)30300-8
DOI: [10.1016/j.cor.2016.12.001](https://doi.org/10.1016/j.cor.2016.12.001)
Reference: CAOR 4139



To appear in: *Computers and Operations Research*

Received date: 19 June 2016
Revised date: 29 October 2016
Accepted date: 1 December 2016

Please cite this article as: N. Rafiee Parsa , B. Karimi , S.M. Moattar Hussein , Exact and heuristic algorithms for the just-in-time scheduling problem in a batch processing system, *Computers and Operations Research* (2016), doi: [10.1016/j.cor.2016.12.001](https://doi.org/10.1016/j.cor.2016.12.001)

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Highlights

- A just-in-time scheduling problem on a batch processing machine is considered.
- A mixed integer linear programming model is developed.
- A DP algorithm to find the optimal schedule for a given set of batches is presented.
- Several heuristics, a lower bounding method, and a B&B algorithm are proposed.

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