

Accepted Manuscript

A Batch-Oblivious Approach for Complex Job-Shop Scheduling Problems

Sebastian Knopp, Stéphane Dauzère-Pérès, Claude Yugma

PII: S0377-2217(17)30397-1
DOI: [10.1016/j.ejor.2017.04.050](https://doi.org/10.1016/j.ejor.2017.04.050)
Reference: EOR 14416



To appear in: *European Journal of Operational Research*

Received date: 19 December 2015
Revised date: 4 January 2017
Accepted date: 25 April 2017

Please cite this article as: Sebastian Knopp, Stéphane Dauzère-Pérès, Claude Yugma, A Batch-Oblivious Approach for Complex Job-Shop Scheduling Problems, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.04.050](https://doi.org/10.1016/j.ejor.2017.04.050)

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

- A new disjunctive graph representation for batching decisions is introduced.
- A new integrated algorithm to compute start dates and to create batches is proposed.
- Three strategies to dynamically improve batching decisions during graph traversals are presented.
- Heuristic methods for this Complex Job-Shop scheduling problem are proposed
- Numerical results validate our approach, including new public industrial instances

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات