

Accepted Manuscript

Procedures for the bin packing problem with precedence constraints

Jordi Pereira

PII: S0377-2217(15)00974-1
DOI: [10.1016/j.ejor.2015.10.048](https://doi.org/10.1016/j.ejor.2015.10.048)
Reference: EOR 13332



To appear in: *European Journal of Operational Research*

Received date: 15 June 2015
Revised date: 23 October 2015
Accepted date: 24 October 2015

Please cite this article as: Jordi Pereira, Procedures for the bin packing problem with precedence constraints, *European Journal of Operational Research* (2015), doi: [10.1016/j.ejor.2015.10.048](https://doi.org/10.1016/j.ejor.2015.10.048)

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 bin packing problem with precedence constraints is investigated
- Its relationship with the assembly line balancing problem is considered
- New dominance rules and lower bounds are developed
- A dynamic programming based heuristic and a branch-and-bound method are proposed
- The results show that the methods outperforms all previous approaches

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6895915>

Download Persian Version:

<https://daneshyari.com/article/6895915>

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