Accepted Manuscript

Decomposition methods for the lot-sizing and cutting-stock problems in paper industries

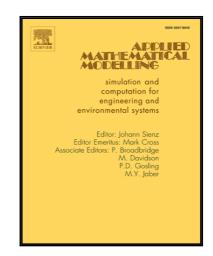
Aline A.S. Leao, Marcos M. Furlan, Franklina M.B. Toledo

PII: \$0307-904X(17)30272-X DOI: 10.1016/j.apm.2017.04.010

Reference: APM 11718

To appear in: Applied Mathematical Modelling

Received date: 9 February 2016 Revised date: 25 March 2017 Accepted date: 3 April 2017



Please cite this article as: Aline A.S. Leao, Marcos M. Furlan, Franklina M.B. Toledo, Decomposition methods for the lot-sizing and cutting-stock problems in paper industries, *Applied Mathematical Modelling* (2017), doi: 10.1016/j.apm.2017.04.010

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.

ACCEPTED MANUSCRIPT

Highlights

- We propose new models for cutting-stock problem integrated with lot-sizing problem.
- We combine column generation method and an adaptive large neighborhood search.
- We analyze real-world data instances.



Download English Version:

https://daneshyari.com/en/article/5470924

Download Persian Version:

https://daneshyari.com/article/5470924

Daneshyari.com