Accepted Manuscript

An adaptive selection approach for the 2D rectangle packing area minimization problem

Lijun Wei, Andrew Lim

 PII:
 S0305-0483(16)31031-3

 DOI:
 10.1016/j.omega.2017.09.002

 Reference:
 OME 1816

Omega

To appear in:

Received date:25 January 2017Revised date:25 July 2017Accepted date:6 September 2017

Please cite this article as: Lijun Wei, Andrew Lim, An adaptive selection approach for the 2D rectangle packing area minimization problem, *Omega* (2017), doi: 10.1016/j.omega.2017.09.002

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 study the 2D rectangle packing area minimization problem
- We propose an adaptive approach for this problem
- We adapt a skyline based best-fit heuristic for the 2D strip packing problem
- We outperform all existing approaches on the standard benchmark instances
- We improve the best-known solution for most of the instances

Chillip Martin

Download English Version:

https://daneshyari.com/en/article/7436453

Download Persian Version:

https://daneshyari.com/article/7436453

Daneshyari.com