

Accepted Manuscript

Approximate Dynamic Programming for lateral transshipment problems in multi-location inventory systems

Joern Meissner, Olga V. Senicheva

PII: S0377-2217(17)30590-8
DOI: [10.1016/j.ejor.2017.06.049](https://doi.org/10.1016/j.ejor.2017.06.049)
Reference: EOR 14531



To appear in: *European Journal of Operational Research*

Received date: 3 February 2015
Revised date: 16 June 2017
Accepted date: 21 June 2017

Please cite this article as: Joern Meissner, Olga V. Senicheva, Approximate Dynamic Programming for lateral transshipment problems in multi-location inventory systems, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.06.049](https://doi.org/10.1016/j.ejor.2017.06.049)

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

- Our policy answers the questions: when, from which location and how much to transship
- Transshipments take place before an actual stock-out occurs
- The policy works with non-identical locations in terms of cost and demand distribution
- Search of optimal solution is simplified to the solution of the network flow problem
- Our efficient algorithm solves industrial-size multi-location transshipment problems

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6895348>

Download Persian Version:

<https://daneshyari.com/article/6895348>

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