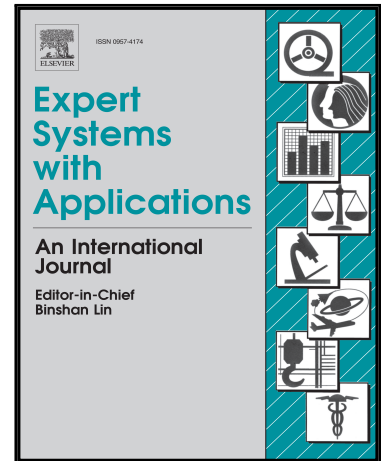


Accepted Manuscript

Two-echelon location-routing optimization with time windows based on customer clustering

Yong Wang , Kevin Assogba , Yong liu , Xiaolei Ma , Maozeng Xu , Yin Hai Wang

PII: S0957-4174(18)30158-1
DOI: [10.1016/j.eswa.2018.03.018](https://doi.org/10.1016/j.eswa.2018.03.018)
Reference: ESWA 11865



To appear in: *Expert Systems With Applications*

Received date: 2 August 2017
Revised date: 12 February 2018
Accepted date: 11 March 2018

Please cite this article as: Yong Wang , Kevin Assogba , Yong liu , Xiaolei Ma , Maozeng Xu , Yin Hai Wang , Two-echelon location-routing optimization with time windows based on customer clustering, *Expert Systems With Applications* (2018), doi: [10.1016/j.eswa.2018.03.018](https://doi.org/10.1016/j.eswa.2018.03.018)

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 two-echelon location-routing problem is optimized based on customer partitioning.
- A mathematical model is proposed to minimize cost and maximize service reliability.
- Customers demand uncertainty is assumed and estimated during optimization.
- A modified NSGA-II method and a validity function are designed to obtain solutions.
- Computational results reveal that M-NSGA-II outperforms MOGA and MOPSO algorithms.

ACCEPTED MANUSCRIPT

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