

Accepted Manuscript

Reverse Logistics Network Design for Product Recovery and Remanufacturing

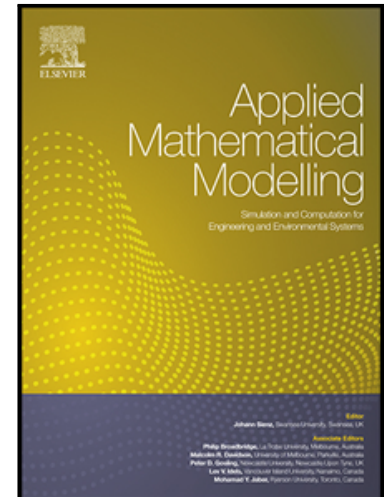
Tsai-Yun Liao

PII: S0307-904X(18)30119-7
DOI: [10.1016/j.apm.2018.03.003](https://doi.org/10.1016/j.apm.2018.03.003)
Reference: APM 12194

To appear in: *Applied Mathematical Modelling*

Received date: 30 April 2017
Revised date: 26 January 2018
Accepted date: 8 March 2018

Please cite this article as: Tsai-Yun Liao , Reverse Logistics Network Design for Product Recovery and Remanufacturing, *Applied Mathematical Modelling* (2018), doi: [10.1016/j.apm.2018.03.003](https://doi.org/10.1016/j.apm.2018.03.003)



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 mathematical model for the network design of multi-echelon reverse logistics is developed.
- A hybrid genetic algorithm is proposed to solve the problem.
- The amount of remanufactured products depends on the critical and the most valuable modules.
- The model results produce less CO₂ and reduce the environmental impact.
- The results show the proposed model performs better than current reverse logistics operating in the real city.

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