Accepted Manuscript

Joint Optimization of Manufacturing / Remanufacturing Lot Sizes under Imperfect Information on Returns Quality

Sofia Panagiotidou , George Nenes , Christos Zikopoulos , George Tagaras

PII: S0377-2217(16)30683-X
DOI: 10.1016/j.ejor.2016.08.044
Reference: EOR 13930

To appear in: *European Journal of Operational Research*

Received date: 18 May 2015
Revised date: 4 July 2016
Accepted date: 19 August 2016

Please cite this article as: Sofia Panagiotidou , George Nenes , Christos Zikopoulos , George Tagaras , Joint Optimization of Manufacturing / Remanufacturing Lot Sizes under Imperfect Information on Returns Quality, *European Journal of Operational Research* (2016), doi: 10.1016/j.ejor.2016.08.044

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

- Information on returns quality through monitoring of usage-data
- Optimal determination of used and new units procurement quantities
- New units procurement can be postponed without considerable profit loss
- Optimal decisions are based on two renowned quality and inventory ratios
- Investigation of the impact of alternative quality patterns on optimal decisions

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/4959994

Download Persian Version:

https://daneshyari.com/article/4959994

Daneshyari.com