## Accepted Manuscript

A Multi-Station System for Reducing Congestion in High-Variability Queues

Bacel Maddah, Walid W. Nasr, Ali Charanek

 PII:
 S0377-2217(17)30368-5

 DOI:
 10.1016/j.ejor.2017.04.035

 Reference:
 EOR 14401

To appear in: European Journal of Operational Research

Received date:10 July 2015Revised date:9 February 2017Accepted date:17 April 2017

Please cite this article as: Bacel Maddah, Walid W. Nasr, Ali Charanek, A Multi-Station System for Reducing Congestion in High-Variability Queues, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.04.035

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

- We develop a multi-station scheme for reducing delay in high variability queues
- We show that our model performs better than standard systems in the literature
- We find that having a "moderate" number of stations (3-4) is a good practice
- We compare the accuracy of two-moment approximations for M/G/c mean delay

A CERTIFICATION OF THE SCALE

Download English Version:

https://daneshyari.com/en/article/4959515

Download Persian Version:

https://daneshyari.com/article/4959515

Daneshyari.com