University of Kent

Kent Academic Repository

Deep, Kusum and Jain, Madhu and Salhi, Said, eds. (2019) *Performance Prediction and Analytics of Fuzzy, Reliability and Queuing Models : Theory and Applications.* Asset Analytics . Springer, Singapore, Singapore, 250 pp. ISBN 978-981-1308-56-7.

Downloaded from

https://kar.kent.ac.uk/68436/ The University of Kent's Academic Repository KAR

The version of record is available from

https://doi.org/10.1007/978-981-13-0857-4

This document version

Cover Image

DOI for this version

Licence for this version

UNSPECIFIED

Additional information

Versions of research works

Versions of Record

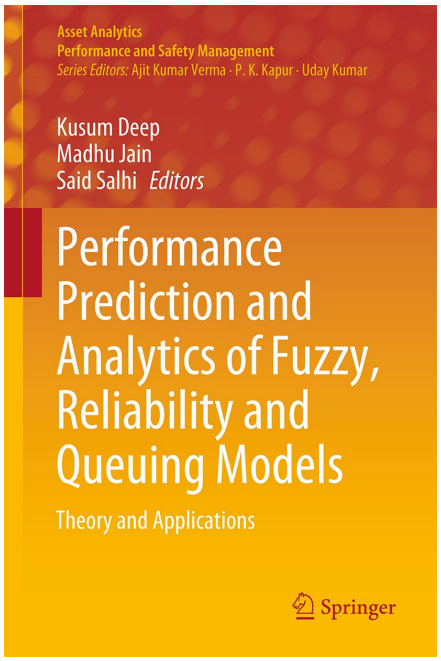
If this version is the version of record, it is the same as the published version available on the publisher's web site. Cite as the published version.

Author Accepted Manuscripts

If this document is identified as the Author Accepted Manuscript it is the version after peer review but before type setting, copy editing or publisher branding. Cite as Surname, Initial. (Year) 'Title of article'. To be published in *Title of Journal* , Volume and issue numbers [peer-reviewed accepted version]. Available at: DOI or URL (Accessed: date).

Enquiries

If you have questions about this document contact ResearchSupport@kent.ac.uk. Please include the URL of the record in KAR. If you believe that your, or a third party's rights have been compromised through this document please see our Take Down policy (available from https://www.kent.ac.uk/guides/kar-the-kent-academic-repository#policies).



1st ed. 2019, VI, 250 p. 52 illus., 45 illus. in color.

Printed book
Hardcover
129,99 € | £109.99 | $159.99
[1]139,09 € (D) | 142,99 € (A) | CHF 143,00

eBook
107,09 € | £87.50 | $119.00
[2]107,09 € (D) | 107,09 € (A) | CHF 114,00

Available from your library or springer.com/shop

MyCopy [3]
Printed eBook for just
€ | $ 24.99
springer.com/mycopy

Kusum Deep, Madhu Jain, Said Salhi (Eds.)

Performance Prediction and Analytics of Fuzzy, Reliability and Queuing Models

Theory and Applications

Series: Asset Analytics

- Presents the latest fuzzy logic analytics
- Discusses recent developments in and analytics for queuing and reliability modeling
- Focuses on optimal strategies and performance prediction for queuing systems

This book presents the latest developments and breakthroughs in fuzzy theory and performance prediction of queuing and reliability models by using the stochastic modeling and optimization theory. The main focus is on analytics that use fuzzy logic, queuing and reliability theory for the performance prediction and optimal design of real-time engineering systems including call centers, telecommunication, manufacturing, service organizations, etc. For the day-to-day as well as industrial queuing situations and reliability prediction of machining parts embedded in computer, communication and manufacturing systems, the book assesses various measures of performance and effectiveness that can provide valuable insights and help arrive at the best decisions with regard to service and engineering systems. In twenty chapters, the book presents both theoretical developments and applications of the fuzzy logic, reliability and queuing models in a diverse range of scenarios. The topics discussed will be of interest to researchers, educators and undergraduate students in the fields of Engineering, Business Management, and the Mathematical Sciences.

Lifelong 40% discount for authors

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and $ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

Part of SPRINGER NATURE