

Springer

1st
edition1st ed. 2019, VII, 282 p. 52
illus., 45 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-981-13-0856-7

£ 109,99 | CHF 143,00 | 129,99 € |
142,99 € (A) | 139,09 € (D)

Available

Discount group

Science (SC)

Product category

Contributed volume

Series

Asset Analytics

Other renditions

Softcover

ISBN 978-981-13-4519-7

Business and Management : Big Data/Analytics

Deep, K., Jain, M., Salhi, S. (Eds.), Indian Institute of Technology Roorkee, Roorkee, India

Performance Prediction and Analytics of Fuzzy, Reliability and Queuing Models

Theory and Applications

- **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.

Order online at [springer.com/book sellers](https://www.springer.com/book sellers)**Springer Nature Customer Service Center GmbH**

Customer Service

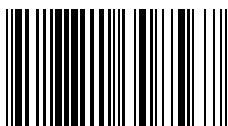
Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com



ISBN 978-981-13-0856-7 / BIC: KJQ / SPRINGER NATURE: SC522070

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.