Fundamentals of Queueing Theory (Wiley Series in Probability and Statistics)

By Gross, Donald; Harris, Carl M.

Wiley-Interscience, 1998. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: An updated and expanded edition of a highly successful textbook.This updated and expanded edition of Fundamentals of Queueing Theory presents the analytic modeling of queues in a very accessible style using up-to-date examples. Though the detailed coverage of the fundamentals of analytic modeling remains virtually the same, this new edition contains additional proofs (Erlang's loss formula), material (reversibility and mean-value analysis), and discussions (rootfinding involved in G/M/c). A fresh emphasis on the telecommunications boom enlivens the text, and a spreadsheet program for Excel and Quattro on the companion ftp site aids in understanding the sensitivity of waiting-line systems to parameter and environmental changes. In the treatment of the advanced material, the authors have commingled mathematical details with numerical results and intuitive arguments.This comprehensive text/reference offers: New material, proofs, discussions, and processes Spreadsheet program for Excel and Quattro on the companion ftp site Illustrative examples and exercises to use with Excel and Quattro Boxed equations for easy reference Chapter problems An extensive solutions manual available upon request.

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