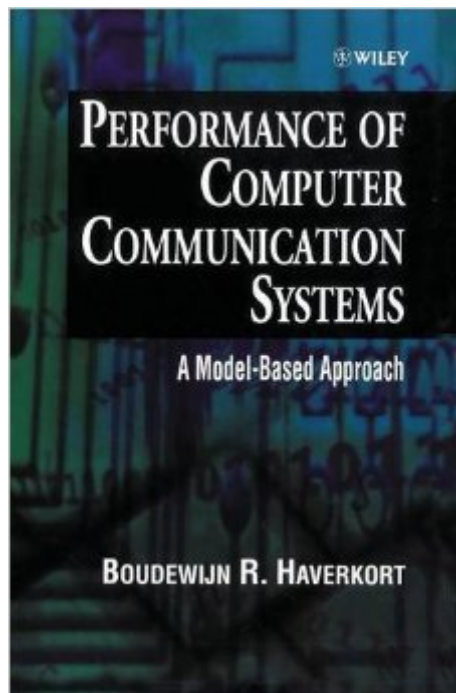# Performance Of Computer Communication Systems: A Model-Based Approach

Synopsis

Performance of Computer Communication Systems A Model-Based Approach Boudewijn R. Haverkort Rheinisch-Westfälische Technische Hochschule Aachen, Germany Computer communication systems and distributed systems are now able to provide an increasing range of services. As the timing requirements in the operation of these services are becoming crucial for the global community. performance assessment and selection of communication and distributed systems are, therefore, becoming more important. In this book, the author illustrates the techniques and methods used to evaluate the performance of computer communication systems, thereby covering all aspects of model-based performance evaluation. Unlike other books on this topic, there is no restriction to a particular performance evaluation technique. Notable features in this book include: * coverage of all major techniques of performance evaluation * non-mathematical problem solving approach, explaining and illustrating performance evaluation techniques * assessment techniques for stochastic processes, single server queues, networks of queues and stochastic Petri nets * numerous application studies, including token ring systems, client-server systems, and wide-area networks * substantial number of practical exercises and examples. For computer or electrical engineers who design and implement computer communication systems, this book provides an excellent overview of the methods and techniques used to construct and solve performance models. It is also a valuable source of information for postgraduate students in computer science and related subjects. Visit Our Web Page! http://www.wiley.com/

Book Information

Hardcover: 518 pages

Publisher: Wiley; 1 edition (December 4, 1998)

Language: English

ISBN-10: 0471972282

ISBN-13: 978-0471972280

Product Dimensions: 6.8 x 1.4 x 9.7 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,321,503 in Books (See Top 100 in Books)   #83 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Performance Optimization #1233 in Books > Computers & Technology > Business Technology > Management Information Systems   #2488 in Books > Textbooks > Computer Science > Networking

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