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7.3 Estimating parameters and distributions 7.4 Computational methods for queuing network solutions; 7.5 Summary; Chapter 8. Simulation Analysis; 8.1 Simulation process; 8.2 Time control; 8.3 Systems and modeling; 8.4 Simulation languages; 8.5 Applications of simulation; 8.6 Summary; Chapter 9. Petri Nets; 9.1 Introduction; 9.2 Basic notation; 9.3 Classical Petri nets; 9.4 Timed Petri nets; 9.5 Priority-based Petri nets; 9.6 Colored Petri nets; 9.7 Generalized Petri nets; 9.8 Summary; Chapter 10. Hardware Testbeds, Instrumentation, Measurement, Data Extraction, and Analysis
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12.4 Case III: Petri net example

Sommario/riassunto

Computer Systems Performance Evaluation and Prediction bridges the gap from academic to professional analysis of computer performance. This book makes analytic, simulation and instrumentation based modeling and performance evaluation of computer systems components understandable to a wide audience of computer systems designers, developers, administrators, managers and users. The book assumes familiarity with computer systems architecture, computer systems software, computer networks and mathematics including calculus and linear algebra. Fills the void between engineering practic
