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Nota di contenuto	Introduction; Computer Data Processing Hardware Architecture; Fundamental Concepts and Performance Measures; General Measurement Principles; Probability; Stochastic Processes; Queuing Theory; Simulation Analysis; Petri Nets; Hardware Testbeds, Instrumentation, Measurement, Data Extraction, and Analysis; System Performance Evaluation Tool Selection and Use; Analysis of Computer Architectures; Analysis of Operating System Components; Database Systems Performance Analysis; Analysis of Computer Networks Components.
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 practice and the academic domain's treatment of computer systems performance evaluation and assessment Provides a single source where

the professional or student can learn how to perform computer systems engineering tradeoff analysis Allows managers to realize cost effective yet optimal computer systems tuned to a specific application.
