

1. Record Nr.	UNINA9910455337303321
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Titolo	Measuring computer performance : a practitioner's guide // David J. Lilja [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2000
ISBN	1-107-11616-3 0-511-15134-9 1-280-42036-7 0-511-17253-2 0-511-32324-7 0-511-05150-6 9786610420360 0-511-61239-7 0-521-64670-7
Descrizione fisica	1 online resource (xiv, 261 pages) : digital, PDF file(s)
Disciplina	004.2/4
Soggetti	Electronic digital computers - Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preliminaries; Contents; Preface; Acknowledgements; 1 Introduction; 2 Metrics of performance; 3 Average performance and variability; 4 Errors in experimental measurements; 5 Comparing alternatives; 6 Measurement tools and techniques; 7 Benchmark programs; 8 Linear regression models; 9 The design of experiments; 10 Simulation and random-number generation; 11 Queueing analysis; Appendix A Glossary; Appendix B Some useful probability distributions; Appendix C Selected statistical tables; Index
Sommario/riassunto	Measuring Computer Performance sets out the fundamental techniques used in analyzing and understanding the performance of computer systems. Throughout the book, the emphasis is on practical methods of measurement, simulation, and analytical modeling. The author discusses performance metrics and provides detailed coverage of the strategies used in benchmark programmes. He gives intuitive

explanations of the key statistical tools needed to interpret measured performance data. He also describes the general 'design of experiments' technique, and shows how the maximum amount of information can be obtained for the minimum effort. The book closes with a chapter on the technique of queueing analysis. Appendices listing common probability distributions and statistical tables are included, along with a glossary of important technical terms. This practically-oriented book will be of great interest to anyone who wants a detailed, yet intuitive, understanding of computer systems performance analysis.
