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Edizione	[1st ed.]
Descrizione fisica	1 online resource (252 p.)
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Soggetti	Queuing theory Application software - Development Business enterprises - Data processing
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Queuing Networks as Applications Models -- Building and Solving Application Models -- Workload Characterization and Transaction Profiling -- Servers, CPUs, and other Building Blocks of Application Scalability -- Operating System Overhead -- Software Bottlenecks -- Performance and Capacity of Virtual Systems -- Model-Based Application Sizing: Say Good-Bye to Guessing -- Modeling Different Application Configurations -- Glossary -- References -- Index.
Sommario/riassunto	"This proposed book is the first on the market that frames enterprise application performance engineering not as an art but as applied science built on model-based methodological foundation. The book introduces queuing models of enterprise application that visualize, demystify, explain, and solve system performance issues. Analysis of the models discovers and clarifies not obvious connections and

correlations among workloads, hardware architecture, and software parameters"--

"Poorly performing enterprise applications are the weakest links in corporation's management chains causing delays and disruptions of critical business functions. This groundbreaking book frames enterprise application performance engineering not as an art but as applied science built on model-based methodological foundation. The book introduces queuing models of enterprise application that visualize, demystify, explain, and solve system performance issues. Analysis of the models discovers and clarifies not obvious connections and correlations among workloads, hardware architecture, and software parameters"--