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Titolo	Network modeling and simulation : a practical perspective // Mohsen Guizani ... [et al.]
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Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
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Modeling -- 5.1 Simulation of Networks -- 5.2 The Network Modeling and Simulation Process -- 5.3 Developing Models -- 5.4 Network Simulation Packages -- 5.5 OPNET: A Network Simulation Package -- 5.6 Summary -- Recommended Reading -- 6 Designing and Implementing CASiNO: A Network Simulation Framework -- 6.1 Overview -- 6.2 Conduits -- 6.3 Visitors -- 6.4 The Conduit Repository -- 6.5 Behaviors and Actors -- 6.6 Tutorial 1: Terminals -- 6.7 Tutorial 2: States -- 6.8 Tutorial 3: Making Visitors -- 6.9 Tutorial 4: Muxes -- 6.10 Tutorial 5: Factories -- 6.11 Summary -- Recommended Reading -- 7 Statistical Distributions and Random Number Generation -- 7.1 Introduction to Statistical Distributions -- 7.2 Discrete Distributions -- 7.3 Continuous Distributions -- 7.4 Augmenting CASiNO with Random Variate Generators -- 7.5 Random Number Generation -- 7.6 Frequency and Correlation Tests -- 7.7 Random Variate Generation. 7.8 Summary -- Recommended Reading -- 8 Network Simulation Elements: A Case Study Using CASiNO -- 8.1 Making a Poisson Source of Packets -- 8.2 Making a Protocol for Packet Processing -- 8.3 Bounding Protocol Resources -- 8.4 Making a Round-Robin (De) multiplexer -- 8.5 Dynamically Instantiating Protocols -- 8.6 Putting It All Together -- 8.7 Summary -- 9 Queuing Theory -- 9.1 Introduction to Stochastic Processes -- 9.2 Discrete-Time Markov Chains -- 9.3 Continuous-Time Markov Chains -- 9.4 Basic Properties of Markov Chains -- 9.5 Chapman / Kolmogorov Equation -- 9.6 Birth / Death Process -- 9.7 Little's Theorem -- 9.8 Delay on a Link -- 9.9 Standard Queuing Notation -- 9.10 The M/M/1 Queue -- 9.11 The M/M/m Queue -- 9.12 The M/M/1/b Queue -- 9.13 The M/M/m/m Queue -- 9.14 Summary -- Recommended Reading -- 10 Input Modeling and Output Analysis -- 10.1 Data Collection -- 10.2 Identifying the Distribution -- 10.3 Estimation of Parameters for Univariate Distributions -- 10.4 Goodness-of-Fit Tests -- 10.5 Multivariate Distributions -- 10.6 Selecting Distributions without Data -- 10.7 Output Analysis -- 10.8 Summary -- Recommended Reading -- 11 Modeling Network Traffic -- 11.1 Introduction -- 11.2 Network Traffic Models -- 11.3 Traffic Models for Mobile Networks -- 11.4 Global Optimization Techniques -- 11.5 Particle Swarm Optimization -- 11.6 Optimization in Mathematics -- 11.7 Summary -- Recommended Reading -- Index.

Sommario/riassunto

Network Modeling and Simulation is a practical guide to using modeling and simulation to solve real-life problems. The authors give a comprehensive exposition of the core concepts in modeling and simulation, and then systematically address the many practical considerations faced by developers in modeling complex large-scale systems. The authors provide examples from computer and telecommunication networks and use these to illustrate the process of mapping generic simulation concepts to domain-specific problems in different industries and disciplines. Key features: . Provides the tools and strategies needed to build simulation models from the ground up rather than providing solutions to specific problems.. Includes a new simulation tool, CASiNO built by the authors.. Examines the core concepts of systems simulation and modeling.. Presents code examples to illustrate the implementation process of commonly encountered simulation tasks.. Offers examples of industry-standard modeling methodology that can be applied in steps to tackle any modeling problem in practice.

2. Record Nr.	UNISA996395655503316
Autore	Clark Samuel <1626-1701.>
Titolo	A brief concordance to the Holy Bible, of the most usual and useful places which one may have occasion to seek for [[electronic resource]] : in a new method / / by Samuel Clark .
Pubbl/distr/stampa	London, : Printed for Thomas Parkhurst, Jonathan Robinson, Thomas Cockerill Sen. & Jun., Brabazon Aylmer, John Lawrence, and John Taylor, 1696
Descrizione fisica	[348] p
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Livello bibliografico	Monografia
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Sommario/riassunto	eebo-0113

3. Record Nr.	UNINA990006316500403321
Autore	De Benedictis, Michele <1927- >
Titolo	L'applicazione dei modelli economici all'analisi dell'azienda agraria in Italia : situazione attuale e prospettive / Michele De Benedectis ; prefazione di Manlio Rossi-Doria
Pubbl/distr/stampa	Milano, : Feltrinelli ed., 1962
Descrizione fisica	XI,, 53 p. ; 24 cm
Collana	"Universita' di Napoli. Centro di specializzazione e Ricerche Economico-Agrarie per il Mezzogiorno ; 2
Disciplina	330.1
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