

1. Record Nr.	UNINA9911080968803321
Titolo	In Senate of the United States. January 27, 1848. Read, and ordered to be printed. Mr Bagby submitted for consideration the following resolution: Resolved, That neither the people nor the legislature of a territory have any constitutional power to exclude slavery from such territory .
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Descrizione fisica	1 online resource (1 page)
Collana	Mis. doc. / 30th Congress, 1st session. Senate ; ; no. 37 [United States congressional serial set] ; ; [serial no. 511]
Altri autori (Persone)	BagbyArthur P <1794-1858> (Arthur Pendleton), (Democrat (AL))
Soggetti	Intergovernmental fiscal relations Enslaved persons - United States Slavery - United States Legislative materials. United States Territories and possessions Politics and government United States Insular possessions Politics and government
Lingua di pubblicazione	Inglese
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2. Record Nr.	UNINA9911144450203321
Autore	Ross Sheldon M
Titolo	Simulation / / Sheldon M. Ross
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Edizione	[4th ed.]
Descrizione fisica	1 recurso en línea (313 p.)
Collana	Statistical Modeling and Decision Science
Disciplina	519.2
Soggetti	Random variables Probabilities Computer simulation
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Title Page; Copyright page; Table of Contents; Preface; Overview; New to This Edition; Chapter Descriptions; Thanks; 1. Introduction; Exercises; 2. Elements of Probability; 2.1 Sample Space and Events; 2.2 Axioms of Probability; 2.3 Conditional Probability and Independence; 2.4 Random Variables; 2.5 Expectation; 2.6 Variance; 2.7 Chebyshev's Inequality and the Laws of Large Numbers; 2.8 Some Discrete Random Variables; Binomial Random Variables; Poisson Random Variables; Geometric Random Variables; The Negative Binomial Random Variable; Hypergeometric Random Variables 2.9 Continuous Random Variables Uniformly Distributed Random Variables; Normal Random Variables; Exponential Random Variables; The Poisson Process and Gamma Random Variables; The Nonhomogeneous Poisson Process; 2.10 Conditional Expectation and Conditional Variance; The Conditional Variance Formula; Exercises; References; 3. Random Numbers; Introduction; 3.1 Pseudorandom Number Generation; 3.2 Using Random Numbers to Evaluate Integrals; Exercises; References; 4. Generating Discrete Random Variables; 4.1 The Inverse Transform Method; 4.2 Generating a Poisson Random

Variable

4.3 Generating Binomial Random Variables 4.4 The Acceptance-Rejection Technique; 4.5 The Composition Approach; 4.6 Generating Random Vectors; Exercises; 5. Generating Continuous Random Variables; Introduction; 5.1 The Inverse Transform Algorithm; 5.2 The Rejection Method; 5.3 The Polar Method for Generating Normal Random Variables; 5.4 Generating a Poisson Process; 5.5 Generating a Nonhomogeneous Poisson Process; Exercises; References; 6. The Discrete Event Simulation Approach; Introduction; 6.1 Simulation via Discrete Events; 6.2 A Single-Server Queueing System 6.3 A Queueing System with Two Servers in Series 6.4 A Queueing System with Two Parallel Servers; 6.5 An Inventory Model; 6.6 An Insurance Risk Model; 6.7 A Repair Problem; 6.8 Exercising a Stock Option; 6.9 Verification of the Simulation Model; Exercises; References; 7. Statistical Analysis of Simulated Data; Introduction; 7.1 The Sample Mean and Sample Variance; 7.2 Interval Estimates of a Population Mean; 7.3 The Bootstrapping Technique for Estimating Mean Square Errors; Exercises; References; 8. Variance Reduction Techniques; Introduction; 8.1 The Use of Antithetic Variables 8.2 The Use of Control Variates 8.3 Variance Reduction by Conditioning; Estimating the Expected Number of Renewals by Time t ; 8.4 Stratified Sampling; 8.5 Applications of Stratified Sampling; Analyzing Systems Having Poisson Arrivals; Computing Multidimensional Integrals of Monotone Functions; Compound Random Vectors; 8.6 Importance Sampling; 8.7 Using Common Random Numbers; 8.8 Evaluating an Exotic Option; 8.9 Estimating Functions of Random Permutations and Random Subsets; Random Permutations; Random Subsets 8.10 Appendix: Verification of Antithetic Variable Approach When Estimating the Expected Value of Monotone Functions

Sommario/riassunto

Ross's Simulation, Fourth Edition introduces aspiring and practicing actuaries, engineers, computer scientists and others to the practical aspects of constructing computerized simulation studies to analyze and interpret real phenomena. Readers learn to apply results of these analyses to problems in a wide variety of fields to obtain effective, accurate solutions and make predictions about future outcomes. This text explains how a computer can be used to generate random numbers, and how to use these random numbers to generate the behavior of a stochastic model over time. It presents
