Record Nr.	UNINA9910825009803321
Titolo	Recent advances in stochastic operations research II / / editors, Tadashi Dohi, Shunji Osaki, Katsushige Sawaki
Pubbl/distr/stampa	Singapore ; ; London, : World Scientific, 2009
ISBN	1-282-44154-X 9786612441547 981-279-167-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (312 p.)
Altri autori (Persone)	DohiTadashi OsakiShunji SawakiKatsushige
Disciplina	003.76 519.22
Soggetti	Stochastic models Operations research - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Proceedings of 2007 RASOR, held Nanzan University, Nagoya, Japan, Mar. 5-6, 2007).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface; List of Contributors; CONTENTS; Part A Foundation of Stochastic Operations Research; A Probabilistic Proof of an Identity Related to the Stirling Number of the First Kind M. Tamaki; A Sequential Decision Problem based on the Rate Depending on a Markov Process T. Nakai; Search for 90/150 Cellular Automata Sequences with Maximum Minimum-Phase-Spacing M. Fushimi, T. Furuta and A. Ito; Difference and Similarity between MONANOVA and OLS in Conjoint Analysis H. Kono, H. Ishii and S. Shiode; Part B Stochastic Modeling A Datum Search Game and an Experimental Verification for Its Theoretical Equilibrium R. Hohzaki and Y. IdaAn Optimal Wait Policy in Two Discrete Time Queueing Systems J. Koyanagi, D. Nanba and H. Kawai; Analysis of Finite Oscillating GIX/M(m)//N Queueing Systems F. Ferreira, A. Pacheco and H. Ribeiro; A Continuous-Time Seat Allocation Model with Up-Down Resets K. Sato and K. Sawaki; Part C Reliability and Maintenance; Simulation of Reliability, Availability and Maintenance Costs P. Hagmark and S. Virtanen

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	Stochastic Profit Models under Repair-Limit Replacement Program T. Dohi, N. Kaio and S. Osakilnvestigation of Equivalent Step-Stress Testing Plans E. A. Elsayed, Y. Zhu, H. Zhang and H. Liao; Optimal Policy for a Two-Unit System with Two Types of Inspections S. Mizutani and T. Nakagawa; Redundancy Optimization in Multi-Level System Using Metaheuristics I. H. Chung, W. Y. Yun and H. G. Kim; Optimal Censoring Policies for the Operation of a Damage System K. Ito and T. Nakagawa; Part D Dependable Computing Optimal Sequential Checkpoint Intervals for Error Detection K. Naruse, T. Nakagawa and S. MaejiEffective Algorithms to Estimate the Optimal Software Rejuvenation Schedule under Censoring K. Rinsaka and T. Dohi; Optimal Backup Interval of a Database System Using a Continuous Damage Model S. Nakamura, T. Nakagawa and H. Kondo; Operational Software Performance Evaluation based on the Number of Debuggings with Two Kinds of Restoration Scenario K. Tokuno and S. Yamada; Software Reliability Assessment with 2-Types Imperfect Debugging Activities S. Inoue and S. Yamada Flexible Stochastic Differential Equation Modeling for Open-Source- Software Reliability Assessment Y. Tamura and S. Yamada
Sommario/riassunto	Operations research uses quantitative models to analyze and predict the behavior of systems and to provide information for decision makers. Two key concepts in such research are optimization and uncertainty. Typical models in stochastic operations research include queueing models, inventory models, financial engineering models, reliability models, and simulation models. This book contains a collection of peer-reviewed papers from the International Workshop on Recent Advances in Stochastic Operations Research (2007 RASOR Nanzan) held on March 5-6, 2007, at Nanzan University, Nagoya, Japan. It e