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| 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 |

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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

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