1. Record Nr. UNINA9910451328903321

Titolo	Advanced reliability modeling [[electronic resource]] : proceedings of the 2004 Asian International Workshop (AIWARM 2004) : Hiroshima, Japan, 26-27 August 2004 / / edited by Tadashi Dohi, Won Young Yun
Pubbl/distr/stampa	New Jersey ; ; London, : World Scientific, c2004
ISBN	1-281-89871-6 9786611898717 981-270-268-7
Descrizione fisica	1 online resource (645 p.)
Altri autori (Persone)	DohiTadashi YunWon Young
Disciplina	620.00452
Soggetti	Reliability (Engineering) - Mathematical models Computer networks - Reliability Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Preface T. Dohi and W. Y. Yun; Contents; Genetic Search for Redundancy Optimization in Complex Systems M. Agarwal and R. Gupta; Upper and Lower Bounds for 3-dimensional &within-consecutive- (r1 ,r2,r3)-out-of- (n1,n2 ,n3) : F System T. Akiba and H. Yamamoto; How Can We Estimate Software Reliability with a Continuous-state Software Reliability Model? T. Ando and T. Dohi; A Study on Reliable Multicast Applying Convolutional Codes over Finite Field M. Arai, S. Fukumoto and K. Iwasaki; Reliability Design of Industrial Plants using Petri Nets M. Bertolini, M. Bevilacqua and G. Mason Optimal Burn-in Procedures in a Generalized Environment J . H. Cha and J. MiPerforming the Soft-error Rate (SER) on a TDBI Chamber V. Chang and W. T. K. Chien; Enhancement of Reliability and Economy of a Thermal Power Generating System Through Prediction of Plant Efficiency Parameters A . Chatterjee, S. Chatterjee and I. Mukhopadhyay; Optimal Burn-in Time for General Repairable Products Sold Under Warranties Y. H. Chien and S. H. Sheu

Determining Optimal Warranty Periods from the Seller's Perspective and Optimal Out-of-warranty Replacement Age from the Buyer's Perspective Y. H. Chien, S. H. Sheu and J. A . ChenWarranty and Imperfect Repairs S. Chukova and Y. Hayakawa; Acceptance Sampling Plans Based on Failure-censored Step-stress Accelerated Tests for Weibull Distributions S. W. Chung, Y. S. Seo and W. Y. Yun; Availability for a Repairable System with Finite Repairs L. Cui and J. Li; A New Approach for the Fuzzy Reliability Analysis in Case of Discrete Fuzzy Variable Y. Dong, Z. Ni and C. Wang
Fuzzy Reliability Analysis of Complex Mechanical System Y. Dong, Z. Ni and C. Wang Optimal Release Problem Based on the Number of Debuggings with Software Safety Model T. Fujiyoshi, K. Tokuno and S. Yamada; Operating Environment Based Maintenance and Spare Parts Planning: A Case Study B. Ghodrati and U. Kumar; Discrete-time Spare Ordering Policy with Lead Time and Discounting B. C. Giri, T. Dohi and N. Kaio; SNEM: A New Approach to Evaluate Terminal Pair Reliability of Communication Networks N . K. Goyal, R. B. Misra and S. K. Chaturvedi Robust Design for Quality-reliability via Fuzzy Probability H. GuoInterval-valued Fuzzy Set Modelling of System Reliability R. Guo; Fuzzy Set-valued Statistical Inferences on a System Operating Data R. Guo and E. Love; A Software Reliability Allocation Model Based on Cost-controlling C. Huang, R. Z. Xu and L . P. Zhang; Reliability of a Server System with Access Restriction M. Imaizumi, M. Kimura and K . Yasui; Continuous-state Software Reliability Growth Modeling with Testing-effort and Its Goodness-of-fit S. Inoue and S. Yamada
Analysis of Discrete-time Software Cost Model Based on NPV Approach K. Iwamoto, T. Dohi and N. Kaio

Sommario/riassunto

The 2004 Asian International Workshop on Advanced Reliability Modeling is a symposium for the dissemination of state-of-the-art research and the presentation of practice in reliability engineering and related issues in Asia. It brings together researchers, scientists and practitioners from Asian countries to discuss the state of research and practice in dealing with reliability issues at the system design (modeling) level, and to jointly formulate an agenda for future research in this engineering area. The proceedings cover all the key topics in reliability, maintainability and safety engineer