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Altri autori (Persone)	DohiTadashi NakagawaToshio <1942->
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Nota di contenuto	1.Generalized Logit-based Proportional Hazards Models and their Applications in Survival and Reliability Analyses -- 2.Design of Reliability Test Plans: an overview -- 3.Maintenance outsourcing: issues and challenges -- 4.Warranty/Maintenance: on modelling non-zero rectification times -- 5.Repair-time Limit Replacement policies -- 6. Repair Strategies in an Uncertain Environment: stochastic game approach -- 7.Maintenance Modeling and Policies -- 8.Reliability of Systems Subjected to Imperfect Fault Coverage -- 9.Replacement and Maintenance Policies of Devices: a review -- 10. Semi-Markov Perturbed Dynamical Differential Systems and their Use in Structural Reliability -- 11.Customer-perceived Software Reliability Predictions: beyond defect prediction models -- 12.Recent Developments in Software Reliability Modeling and its Applications -- 13.Application of EM Algorithm to NHPP-based Software Reliability Assessment -- 14. Closed-form Approach for Epistemic Uncertainty Propagation in Reliability Models -- 15.Generational Garbage Collection Policies.
Sommario/riassunto	In honor of the work of Professor Shunji Osaki, Stochastic Reliability and Maintenance Modeling provides a comprehensive study of the legacy of and ongoing research in stochastic reliability and maintenance modeling. Including associated application areas such as dependable computing, performance evaluation, software engineering, communication engineering, distinguished researchers review and build

on the contributions over the last four decades by Professor Shunji Osaki. Fundamental yet significant research results are presented and discussed clearly alongside new ideas and topics on stochastic reliability and maintenance modeling to inspire future research. Across 15 chapters readers gain the knowledge and understanding to apply reliability and maintenance theory to computer and communication systems. Stochastic Reliability and Maintenance Modeling is ideal for graduate students and researchers in reliability engineering, and workers, managers and engineers engaged in computer, maintenance and management works.