

1. Record Nr.	UNINA9910783539003321
Titolo	Advanced reliability modeling [[electronic resource] /] / guest editors Tadashi Dohi, Naoto Kaio and Won Young Yun
Pubbl/distr/stampa	Bradford, England, : Emerald Group Publishing, c2005
ISBN	1-280-50943-0 9786610509430 1-84544-752-2
Descrizione fisica	1 online resource (111 p.)
Collana	Journal of quality in maintenance engineering ; ; v. 11, no. 3
Altri autori (Persone)	DohiTadashi KaioNaoto YunWon Young
Disciplina	620.00452
Soggetti	Quality control Total quality management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	CONTENTS; EDITORIAL ADVISORY BOARD; Guest editorial; A discrete-time order-replacement model with time discounting and spare part provisioning; A random shock model for a continuously deteriorating system; Optimal preventive maintenance policies for a shock model with given damage level; An optimal policy for partially observable Markov decision processes with non-independent monitors; SNEM: a new approach to evaluate terminal pair reliability of communication networks; Evaluating methods for the reliability of a three-dimensional k-within system Fuzzy set-valued and grey filtering statistical inferences on a system operating data Failure rate prediction with artificial neural networks
Sommario/riassunto	This e-book contains selected papers invited/presented in the Asian International Workshop on Advanced Reliability Modeling (AIWARM) which was held in Hiroshima, Japan, August 26-27, 2004. 78 papers from Asian and European area were presented at the workshop. This e-book is intended to share the ideas and results from the workshop with more reliability researchers and practitioners. Various and promising research topics are included; maintenance problems in shock models,

replacement model with spare part provisioning, analysis of system
operating data with fuzzy set, new algorithms in redundan
