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| 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<br>Fuzzy set-valued and grey filtering statistical inferences on a system operating dataFailure 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