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| Titolo | Advances in mathematical modeling for reliability [[electronic resource] /] / edited by Tim Bedford ... [et al.] |
| Pubbl/distr/stampa | Amsterdam ; ; Washington, DC, : IOS Press, c2008 |
| ISBN | 6611786236 1-281-78623-3 9786611786236 1-4356-7806-0 600-00-0641-1 1-60750-334-4 |
| Descrizione fisica | 1 online resource (248 p.) |
| Altri autori (Persone) | BedfordT |
| Disciplina | 620 620.00452015118 620/.00452015118 |
| Soggetti | Engineering - Mathematical models Reliability (Engineering) 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 indexes. |
| Nota di contenuto | Title page; Introduction; Contents; Graphical Modeling and Bayesian Networks; Repairable Systems Modeling; Competing Risks; Mixture Failure Rate Modeling; Signature; Relations Among Aging and Stochastic Dependence; Theoretical Advances in Modeling, Inference and Computation; Recent Advances in Recurrent Event Modeling and Inference; Point Estimation of the Transition Intensities for a Markov Multi-State System via Output Performance Observation; Keyword Index; Author Index |
| Sommario/riassunto | Discusses fundamental issues on mathematical modeling in reliability theory and its applications. Beginning with a discussion of graphical modeling and Bayesian networks, this work then focuses on repairable systems. It also addresses how competing risks arise in reliability and maintenance analysis through the ways in which data is censored. |

