

1. Record Nr.	UNINA9911096194603321
Titolo	Advances in mathematical modeling for reliability // 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
Edizione	[1st ed.]
Descrizione fisica	1 online resource (248 p.)
Altri autori (Persone)	BedfordT
Disciplina	620 620.00452015118 620/.00452015118
Soggetti	Engineering - Mathematical models Reliability (Engineering)
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.