

1. Record Nr.	UNISALENTO991003232129707536
Autore	Koowrocki, Krzysztof
Titolo	Reliability of large systems [e-book] / Krzysztof Koowrocki
Pubbl/distr/stampa	Amsterdam ; Boston : Elsevier, 2004
ISBN	9780080444291 0080444296
Descrizione fisica	xxx, 328 p. : ill. ; 25 cm
Disciplina	620.00452
Soggetti	System safety System theory - Asymptotic theory Engineering - Safety measures System analysis Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. [315]-321) and index
Nota di contenuto	Basic Notions, Two-State Systems, Multi-State Systems, Reliability Of Large Two-State Systems, Reliability Of Large Multi-State Systems, Reliability Evaluation Of Port And Shipyard Transportation Systems, Reliability Of Large Multi-State Exponential Systems, Related And Open Problems, Summary
Sommario/riassunto	As mechanisms grow in size and complexity, safety and reliability become of paramount importance. Such complexity makes the assessment of reliability and safety particularly difficult. Kolowrocki delivers the complete elaboration of the asymptotic approach to reliability evaluation. The text is mathematical, but applications of these methods cover wide range of engineering fields, from communication networks and microelectronic devices to transportation systems, piping transportation of water, gas, oil and various chemical substances. Only reference with on asymptotic approach to reliability currently on the market Suitable for use as a postgraduate course book Contains many new theoretical results