

1.	Record Nr.	UNIBAS000018037
	Autore	Petrarca, Francesco
	Titolo	De viris illustribus / Francesco Petrarca ; edizione critica per cura di Guido Martellotti
	Pubbl/distr/stampa	Firenze : <<G. C.>> Sansoni, stampa 1964
	Descrizione fisica	CLIV, 356 p., 1 c. di tav. : facs. ; 25 cm.
	Disciplina	878.03
	Lingua di pubblicazione	Italiano Latino
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910254240203321
	Autore	Verma Ajit Kumar
	Titolo	Reliability and Safety Engineering / / by Ajit Kumar Verma, Srividya Ajit, Durga Rao Karanki
	Pubbl/distr/stampa	London : , : Springer London : , : Imprint : Springer, , 2016
	ISBN	1-4471-6269-2
	Edizione	[2nd ed. 2016.]
	Descrizione fisica	1 online resource (583 p.)
	Collana	Springer Series in Reliability Engineering, , 1614-7839
	Disciplina	620
	Soggetti	Quality control Reliability Industrial safety Automotive engineering Energy systems Nuclear energy Energy policy Quality Control, Reliability, Safety and Risk Automotive Engineering Energy Systems Nuclear Energy Energy Policy, Economics and Management

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 index.
Nota di contenuto	Introduction -- Basic Reliability Mathematics -- System Reliability Modeling -- Reliability of Complex Systems -- Electronic System Reliability -- Software Reliability -- Mechanical Reliability -- Structural Reliability.- Maintenance of Large Engineering Systems -- Probabilistic Safety Assessment -- Dynamic Probabilistic Safety Assessment -- Applications of PSA.- Uncertainty Analysis in Reliability/Safety Assessment -- Advanced Methods in Uncertainty Management.
Sommario/riassunto	Reliability and safety are core issues that must be addressed throughout the life cycle of engineering systems. Reliability and Safety Engineering presents an overview of the basic concepts, together with simple and practical illustrations. The authors present reliability terminology in various engineering fields, viz.,electronics engineering, software engineering, mechanical engineering, structural engineering and power systems engineering. The book describes the latest applications in the area of probabilistic safety assessment, such as technical specification optimization, risk monitoring and risk informed in-service inspection. Reliability and safety studies must, inevitably, deal with uncertainty, so the book includes uncertainty propagation methods: Monte Carlo simulation, fuzzy arithmetic, Dempster-Shafer theory and probability bounds. Reliability and Safety Engineering also highlights advances in system reliability and safety assessment including dynamic system modeling and uncertainty management. Case studies from typical nuclear power plants, as well as from structural, software, and electronic systems are also discussed. Reliability and Safety Engineering combines discussions of the existing literature on basic concepts and applications with state-of-the-art methods used in reliability and risk assessment of engineering systems. It is designed to assist practicing engineers, students and researchers in the areas of reliability engineering and risk analysis.