

1. Record Nr.	UNINA9910688318603321
Titolo	Reliability and Maintenance : An Overview of Cases // edited by Leo Kounis
Pubbl/distr/stampa	London, England : , : IntechOpen, , 2020
Descrizione fisica	1 online resource (204 pages)
Disciplina	620.00452
Soggetti	Reliability (Engineering) - Management Maintenance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Amid a plethora of challenges, technological advances in science and engineering are inadvertently affecting an increased spectrum of today's modern life. Yet for all supplied products and services provided, robustness of processes, methods, and techniques is regarded as a major player in promoting safety. This book on systems reliability, which equally includes maintenance-related policies, presents fundamental reliability concepts that are applied in a number of industrial cases. Furthermore, to alleviate potential cost and time-specific bottlenecks, software engineering and systems engineering incorporate approximation models, also referred to as meta-processes, or surrogate models to reproduce a predefined set of problems aimed at enhancing safety, while minimizing detrimental outcomes to society and the environment.