

1. Record Nr.	UNINA9911019946103321
Titolo	Case studies in reliability and maintenance // edited by Wallace R. Blischke, D.N. Prabhakar Murthy
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley, 2003
ISBN	9786610366286 9781280366284 1280366281 9780470232750 0470232757 9780471458739 0471458732 9780471393009 0471393002
Descrizione fisica	1 online resource (691 p.)
Collana	Wiley series in probability and statistics
Altri autori (Persone)	BlischkeW. R. <1934-> MurthyD. N. P
Disciplina	620/.00452
Soggetti	Reliability (Engineering) Maintainability (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 index.
Nota di contenuto	Case Studies in Reliability and Maintenance; Contents; Contributors; Preface; 1. Introduction and Overview; 1.1. Introduction; 1.2. Reliability, Maintenance, Maintainability, and Quality; 1.3. History of Reliability and Maintainability; 1.4. Applications; 1.5. Life Cycle Concepts; 1.6. Tools and Techniques for the Study of Reliability; 1.7. Reliability and Maintenance Data and Analysis; 1.8. Issues in Reliability and Maintenance; 1.9. Case Studies: An Overview; References; PART A. CASES WITH EMPHASIS ON PRODUCT DESIGN; 2. Space Interferometer Reliability-Based Design Evaluation 2.1. Introduction 2.2. Problem Description; 2.3. Alternative Optical Interferometer Designs; 2.4. Evaluation of Alternative Designs; 2.5. Interpretations, Conclusions, and Extensions; References; Exercises;

Acronyms; 3. Confidence Intervals for Hardware Reliability Predictions; 3.1. Introduction; 3.2. Approach; 3.3. Problem Description; 3.4. Reliability Modeling; 3.5. Subassembly Hardware Reliability Prediction; 3.6. Construction of Component Failure Rate Database; 3.7. Comparing Field Reliability Results with Predictions; 3.8. Implementation; 3.9. Conclusions; References; Exercises

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PART B. CASES WITH EMPHASIS ON DEVELOPMENT AND TESTING; 5. The Determination of the Design Strength of Granite Used as External Cladding for Buildings; 5.1. Introduction; 5.2. Properties of Granite; 5.3. Reliability Criteria; 5.4. Current Practices; 5.5. Case Study; 5.6. Conclusions; References; Exercises

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10.5. Case Study (Continued)

Sommario/riassunto

Introducing a groundbreaking companion book to a bestselling reliability text Reliability is one of the most important characteristics defining the quality of a product or system, both for the manufacturer and the purchaser. One achieves high reliability through careful monitoring of design, materials and other input, production, quality assurance efforts, ongoing maintenance, and a variety of related decisions and activities. All of these factors must be considered in determining the costs of production, purchase, and ownership of a product. Case Studies in Reliability
