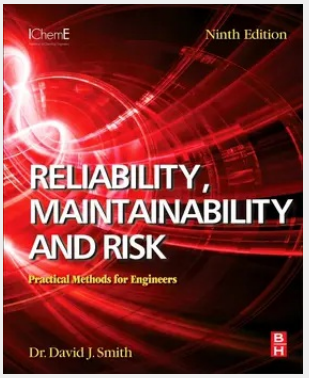
Smith

Reliability, Maintainability and Risk

Practical Methods for Engineers

Reliability, Maintainability and Risk: Practical Methods for Engineers, Ninth Edition, has taught reliability and safety engineers techniques to minimize process design, operation defects, and failures for 35 years. For beginners, the book provides tactics on how to avoid pitfalls in this complex and wide field. For experts in the field, well-described, realistic, and illustrative examples and case studies add new insight and assistance. The author uses his 40 years of experience to create a comprehensive and detailed guide to the field, also providing an excellent description of reliability and risk computation concepts. The book is organized into five parts. Part One covers reliability parameters and costs traces the history of reliability and safety technology, presenting a cost-effective approach to quality, reliability, and safety. Part Two deals with the interpretation of failure rates, while Part Three focuses on the prediction of reliability and risk. Part Four discusses design and assurance techniques, review and testing techniques, reliability growth modeling, field data collection and feedback, predicting and demonstrating repair times, quantified reliability maintenance, and systematic failures, while Part 5 deals with legal, management and safety issues, such as project management, product liability, and safety legislation.



86,50 €
80,84 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9780081020104
Medium: Buch
ISBN: 978-0-08-102010-4
Verlag: Elsevier Science & Technology
Erscheinungstermin: 21.03.2017
Sprache(n): Englisch
Auflage: 9 ed
Produktform: Kartoniert
Gewicht: 1000 g
Seiten: 478
Format (B x H): 192 x 233 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)