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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Understanding reliability parameters and costs -- pt. 2. Interpreting failure rates -- pt. 3. Predicting reliability and risk -- pt. 4. Achieving reliability and maintainability -- pt. 5. Legal, management and safety considerations.
Sommario/riassunto	This book provides engineers with the safety and risk assessment tools and techniques they need to work effectively in any safety or reliability critical environment. These tools are primarily statistical. Where David Smith's book succeeds is by meeting the needs of an applied audience by setting these tools in the context of the design and operation of safety related processes and systems. Now in its Eighth Edition, this is regarded as the core reference in this field, and the success of its approach is reflected in the popularity of this standard work. It deals with all aspects of