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Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- List of Figures -- List of Tables -- Preface -- Chapter 1 Maintenance, Repair, and Overhaul: A Preview -- 1.1 Introduction -- 1.2 Maintenance -- 1.3 Repair -- 1.4 Overhaul -- 1.4.1 Overhauling: What Is It? -- 1.4.1.1 Benefits of Overhauling -- 1.4.1.2 Factors Determining the Performance of the Overhaul -- 1.4.1.3 Overhauling of the System in Stages -- 1.5 Chapter Summary -- References -- Chapter 2 Repairable Systems: An Overview -- 2.1 Introduction to Repairable Systems and Its Terminologies -- 2.1.1 Basics of Reliability Engineering -- 2.1.2 Terminologies for Repairable Systems -- 2.2 Maintenance Actions on Repairable Systems -- 2.2.1 Reactive or Corrective Maintenance (CM) -- 2.2.2 Proactive Maintenance -- 2.2.2.1 Preventive Maintenance -- 2.2.2.2 Predictive Maintenance -- 2.3 Classifications of Maintenance Categories -- 2.3.1 Perfect Maintenance -- 2.3.1.1 Parametric Approach for Perfect Maintenance
Sommario/riassunto	This book focuses on advanced techniques for maintenance modeling and reliability analysis of repairable systems. It covers a wide range of

topics including maintenance, repair, and overhaul processes; reliability engineering principles; and various maintenance strategies such as corrective, preventive, and predictive maintenance. Additionally, the book delves into specific methodologies for analyzing censored data, identifying high failure rate components, and implementing age-based maintenance policies. The authors aim to provide industry professionals and researchers with practical tools and methodologies to enhance the reliability and performance of repairable systems.
