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5.6 Mathematical Relationship between the Signal-to-Noise Ratio and Axiomatic Measures5.7 Summary; 6 AXIOMATIC QUALITY AND RELIABILITY PROCESS; 6.1 Introduction; 6.2 Axiomatic Quality Process; 6.2.1 Why the Axiomatic Quality Process?; 6.2.2 Axiomatic Quality Process Map; 6.2.3 Axiomatic Quality Design Team; 6.3 Customer Attributes-to-FRs Mapping: Understanding the Voice of the Customer; 6.3.1 QFD Stage 1; 6.3.2 QFD Stage 2; 6.4 Conceptual Design for Capability Phase; 6.4.1 Define FR Specification Target Values and Allowable Tolerances
6.5 Option A: Conceptual Design for the Capability Phase of an Incremental Design

Sommario/riassunto

The first book to integrate axiomatic design and robust design for a comprehensive quality approachAs the adoption of quality methods grows across various industries, its implementation is challenged by situations where statistical tools are inadequate, yet the earlier a proactive quality system is introduced into a given process, the greater the payback these methods will yield.Axiomatic Quality brings together two well-established theories, axiomatic design and robust design, to eliminate or reduce both conceptual and operational weaknesses. Providing a complete framework for