



# Computational Methods For Reliability And Risk Analysis (Series on Quality, Reliability & Engineering Statistics)

By Enrico Zio

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Contents: Markov Reliability and Availability Analysis; Monte Carlo Simulations for Reliability and Availability Analysis; Markov Chain Monte Carlo for Applications to Reliability and Availability Analysis; Basics of Genetic Algorithms with Application to System Reliability and Availability Optimization; Dependent Failures; Importance Measures; Basic Concepts of Uncertainty and Sensitivity Analysis.

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