



Applied Probability and Statistical Inference in Reliability Engineering

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Message from the Guest Editors

Probability theory and statistics play a fundamental role in the research of various scientific fields, such as engineering, computer science, medicine, biology, or economics. Several statistical methods and probabilistic approaches, such as order statistics, Markov chain imbedding, computational statistics, generating functions approaches, or nonparametric statistics have attracted a considerable research interest during recent decades.

The aim of this Special Issue is to provide some evidence which reflects the importance of statistical techniques and probabilistic modelling in applied scientific areas, related to reliability engineering. We welcome articles establishing theoretical methodologies in these fields, but papers providing interesting and innovative applications, including solutions of important practical problems and case studies, of probability and statistics shall also be considered. Thus, the Special Issue is expected to be a collective work by a number of leading researchers and practitioners in their respective fields of expertise and, in general, experts who have been working at the forefront of applied probability, statistics, and reliability theory.





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Message from the Editor-in-Chief

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