

Special Issue

System Reliability and Quality Management in Industrial Engineering, 2nd Edition

Message from the Guest Editors

The main scope of this issue focuses on advances in the reliability modelling and analysis of engineering systems, maintenance and operation optimization problems of engineering systems, theory and methods of quality management, and applications of stochastic models in industrial engineering. The reliability of engineering systems has become the main concern of customers and companies. System reliability has great importance because it determines the realization result of system functions. Diverse maintenance and operation policies are designed and optimized for engineering systems in practice, which can enhance the system's reliability, prolong the system's lifetime, and so on. Furthermore, quality has become a major business strategy for increasing productivity and gaining a competitive advantage. The theory and methods of quality management play a vital role in guiding companies to achieve their business goals. To conclude, the research achievements of system reliability and quality management in industrial engineering can provide support for decisions that companies make when managing system reliability and quality.

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The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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