

Special Issue

System Reliability and Quality Management in Industrial Engineering

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. Research on the reliability modelling and analysis of systems has been a hot topic in the field of 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. To conclude, the research achievements of system reliability and quality management in industrial engineering can provide decision supports for companies conducting the management of system reliability and quality.

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Message from the Editor-in-Chief

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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