Mathematical Modelling and Statistical Methods of Quality Engineering

Guest Editor:

Prof. Dr. Changyun Lin
Department of Applied Mathematics and Institute of Statistics, National Chung Hsing University, Taichung City, Taiwan

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Message from the Guest Editor

The aim of this Special Issue on "Mathematical Modelling and Statistical Methods of Quality Engineering" is to showcase innovative research that integrates mathematical modelling and statistical methods to address challenges and enhance the understanding of quality-related phenomena. Contributions are sought in areas such as statistical process control, design of experiments, reliability analysis, quality optimization, Six Sigma, lean manufacturing, quality management systems, and more.

The scope of this issue also includes the application of mathematical models, statistical techniques, data analysis, simulation, or optimization methods in quality engineering. We encourage submissions of original research articles, reviews, and case studies that present novel concepts, methodologies, and practical applications. By sharing diverse perspectives and experiences, this Special Issue aims to facilitate interdisciplinary collaboration and foster the exchange of knowledge and best practices in quality engineering.

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Special Issue

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

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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