Statistics and Modeling in Reliability Engineering

Guest Editor:

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Deadline for manuscript submissions:
closed (31 December 2019)

Message from the Guest Editor

Growing international competition has increased the need for all industries to produce reliable products at a minimum cost by integrating statistical methods and quantifying the reliability earlier in the design stages. Articles concerning new theoretical research and methods on statistical reliability, applied mathematics in reliability, and optimization are solicited. Preference will be given to papers with real-world applications over purely theoretical papers. Topics of interest include but are not limited to the following:

- Statistical methods in reliability;
- Reliability modeling and optimization;
- Mechanical reliability and life testing;
- Failure analysis in design;
- Field data analysis and case studies;
- Applied mathematics in reliability.

Special Issue

Editor-in-Chief

Prof. Dr. Francisco Chiclana
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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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