



Advances in Reliability Modeling, Optimization and Applications

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Message from the Guest Editor

Dear Colleagues,

The Special Issue of Mathematics entitled “Advances in Reliability Modeling, Optimization and Applications” would be focused on the development and application of new mathematic methodologies for the enhancement of reliability systems in multiple fields such as electronics and industrial engineering among others. Other objective is to foster a rich exchange among researcher and practitioners in the engineering, mathematics and statistics community. An interesting aspect to take into account is the development of new methodologies to solve real-life problems which could cause significant damage.

The following topics are within the scope of this special issue: methods for reliability and probabilistic safety assessment, matrix-analytic methods in reliability, complex systems, non-parametric methodology in reliability, engineering judgement and expert opinions; maintenance policies, models for ageing and life extension, dynamic reliability, methods and applications of automatic fault detection and diagnosis, repairable systems and repairment policies, design innovation for safety and reliability, order reliability methods, and coherent systems.





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Message from the Editor-in-Chief

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