

Special Issue

Reliability and Maintenance Scheduling: Methods, Theory and applications

Message from the Guest Editor

This Special Issue on “Reliability and Maintenance Scheduling: Methods, Theory and Applications” presents a platform where researchers from academy and industry can present methodologies of coping with uncertainty in reliability optimization through the use of concepts and various techniques, such as soft computing, fuzzy optimization, uncertainty, maintenance scheduling, Markov chain, Stochastic process, etc.

Keywords

- Reliability optimization.
- Risk assessment
- Reliability redundancy allocation problems
- Maintenance scheduling
- Reliability-based Design Optimization
- Hazard rate, fault tree analysis
- Maintenance Models and Methodologies
- Big Data and IoT Applications for Reliability Improvement
- Reliability Growth Analysis
- Markov systems
- Stochastic process
- Evolutionary algorithms
- Fuzzy reliability analysis

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Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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