



Reliability and Maintenance Scheduling: Methods, Theory and applications

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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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