Special Issue

Modeling, Monitoring, Diagnosis, Prognosis and Control in Electromechanical Systems

Message from the Guest Editors

This Special Issue will collate original research articles as well as review articles. Potential topics include, but are not limited to:

- Modeling methodology of complex electromechanical systems;
- Fault detection;
- Image- and signal-based diagnosis;
- Prognosis of remaining useful life of core equipment;
- System modeling, identification and prediction;
- Intelligent control and automation;
- Process control, motion control, force control, vibration control and fault-tolerant control;
- Fuzzy logic systems;
- Swarm intelligence and evolutionary algorithms;
- Machine learning methods;
- Signal processing and pattern recognition;
- Hybrid algorithms in intelligent transportation;
- The control of intelligent and unmanned systems.

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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