



Learning Control, Fault Diagnosis, and Actuator Applications of Complex Networked Systems

Guest Editors:

Dr. Guangtao Ran

Dr. Jian Liu

Dr. Yongbao Wu

**Prof. Dr. Rathinasamy
Sakthivel**

Deadline for manuscript
submissions:
closed (31 October 2023)

Message from the Guest Editors

This Special Issue aims to bring together researchers and practitioners in the field of fault diagnosis and learning-based control of networked system to share their latest findings and advancements. The scope of this Special Issue includes but is not limited to the following topics:

- (1) New control and fault detection methods for networked systems involve actuators;
- (2) Actuator applications in multi-agent systems, cyber-physical systems, or intelligence systems;
- (3) Machine learning and artificial intelligence for networked systems with smart actuators;
- (4) Model-based and data-driven approaches for fault diagnosis;
- (5) Learning-based control and fault tolerance control of networked systems with actuator fault;
- (6) Applications of actuator control systems in industrial, transportation, and aerospace systems.

