



Advancement of Fault Detection/Diagnosis and Fault-Tolerant Control with Applications

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Message from the Guest Editors

Dear Colleagues,

Fault Diagnosis and Fault-Tolerant Control has been the core technology which guarantees the high performance and high reliability of modern engineering systems in the presence of faults. The main purpose of this Special Issue is to provide a platform for researchers and control engineers to publish their latest novel and original contribution to the area of fault detection/diagnosis and fault-tolerant control in order to satisfy the increasing demands for system reliability as well as safety.

The topics of interest include, but are not limited to:

- Fault detectability analysis
- Model-based fault detection/diagnosis method and its performance analysis
- Fault detection/diagnosis via artificial intelligent method
- Fault detection/diagnosis for aircraft/spacecraft control systems, formation and swarm systems, traffic systems, and underwater vehicles, etc.
- Fault-tolerant control via adaptive, sliding-mode, fuzzy technique
- Fault-tolerant control for uncertain system, stochastic systems, multi-agent systems, etc.





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Message from the Editor-in-Chief

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