



Recent Developments on Time-Delay Systems and Its Applications

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Message from the Guest Editor

The purpose of this Special Issue is to advance the time-delay system method and further promote the research activities in estimation and control for networked (distributed) control systems, including sensor networks, complex networks and neural networks. The Special Issue is targeted at original works to address some emerging issues and challenges from time-delays systems and networked (distributed) control systems and their applications to areas, such as power systems, smart grids, robotics, etc.

The list of possible topics includes, but is not limited to:

- Delay effects on vibration control systems, e.g., offshore platforms, etc.
- Estimation and control of time-delay systems
- Global asymptotic stability analysis and state estimation of delayed neural networks
- Event-triggered control and estimation of (distributed) networked control systems
- Consensus and cooperative control of multi-agent systems subject to time-delays
- Applications of time-delay system approaches in smart grid, wireless robotics, repetitive control, some other industrial control systems, etc.

Welcome to contribute!





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Message from the Editor-in-Chief

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