Special Issue

Nonlinear Intelligent Control and Its Applications

Message from the Guest Editors

In recent years, with the rapid development of artificial intelligence, robotics, advanced manufacturing, power systems, aerospace, and other fields, traditional control methods cannot meet their requirements of complex dynamic processes. Therefore, a variety of advanced intelligent control methods, such as fuzzy control, data-driven control, neural network control, and learning control, have emerged and achieved successful applications.

The main aim of this Special Issue is to seek high-quality submissions that highlight emerging theories and applications with advanced nonlinear intelligent control and address recent breakthroughs from theoretical and practical aspects. The topics of interest include but are not limited to:

- Fuzzy control;
- Neural network control;
- Reinforcement learning;
- Model-free control;
- Data-driven control;
- Nonlinear intelligent control: theory and applications;
- Intelligent control algorithms and their applications in power system, robotics, unmanned vehicles, etc.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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