Special Issue

Recent Progresses and Applications in Automatic Intelligent Control

Message from the Guest Editors

As an important field in the computer simulation of human intelligence, automatic intelligent control is a type of automatic control that can autonomously drive intelligent systems to achieve their goals without human intervention. Automatic intelligent control can cope with control problems in complicated systems characterized by non-determined mathematical models, high degree of nonlinearity and complex task requirements based on artificial-intelligence-driven learning, reasoning and decision making. In recent decades, automatic intelligent control has been widely applied in industrial and socioeconomic systems. The primary objective of this Special Issue is to focus on the up-to-date methodologies and applications of automatic intelligent control.The topics of interest include but are not limited to:

- Artificial intelligence based automatic intelligent control
- Reinforcement learning in automatic intelligent control
- Data-driven automatic intelligent control
- Learning human by demonstrations in automatic intelligent control
- Application of automatic intelligent control in real-world control systems

Guest Editors

Prof. Dr. Hongfeng Wang

Prof. Dr. Yulong Wang

Prof. Dr. Qingkui Li

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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