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Advances in Adaptive Control and Intelligent Control of Complex Nonlinear Systems

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

Adaptive control and intelligent control have received wide attention in the system and control area with symmetry, and the application examples in practice are widely available and cover areas as diverse as robotics, motion control, process control, automotive applications, aerospace systems, ships and underwater vehicles, thermal control, manufacturing, biological systems, and so on.

With the development and progress of science and technology, these systems are becoming increasingly complex and difficult to design and verify. At the same time, the requirements for dynamic performances and safety are also increasing. The development of systematic methods for efficient and reliable design of complex nonlinear systems is a key issue in control technology and industrial applications, and thus it is currently of high interest to control engineers, computer scientists and mathematicians in research institutions and industrial sectors.

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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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