Special Issue

Adaptive Fuzzy Control

Message from the Guest Editors

This Special Issue is to present the state-of-the-art results in the area of adaptive intelligent control theory and applications. Adaptive control is a technique of applying some methods to obtain a model of the process and using this model to design a controller. Especially, fuzzy adaptive control has been an important area of active research. Significant developments have been seen, including theoretical success and practical design. One of the reasons for the rapid growth of fuzzy adaptive control is its ability to control plants with uncertainties during its operation. The papers in this Special Issue will present the most advanced techniques and algorithms of adaptive control including various robust techniques, performance enhancement techniques, techniques with less a-priori knowledge, and nonlinear intelligent adaptive control techniques. The main aim is to provide an opportunity for international researchers to share and review recent advances in the foundations, integration architectures, and applications of hybrid and adaptive systems. We want to offer an opportunity for researchers and practitioners to identify new promising research directions in this area.

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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