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Adaptive Fuzzy Control

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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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Special Issue



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Message from the Editor-in-Chief

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