

Special Issue

Deep Learning and Adaptive Control, 3rd Edition

Message from the Guest Editors

This Special Issue aims to introduce the latest progress in adaptive control theory and application. The key points are system modeling, parameter identification, structural analysis, controller design, performance analysis, and the application research results of adaptive control algorithms. We are looking for the latest research results in deep learning and adaptive control. Topics of interest include, but are not limited to, the keywords listed below. Keywords

- deep learning, CNN, RNN, transformer model
- optimization of deep learning
- applications of deep learning
- reinforcement-learning-based control
- applications of reinforcement learning
- adaptive iterative learning control
- modeling of adaptive systems
- design of adaptive controllers
- application of adaptive control

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Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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