Advances in Intelligent System for Control and Complex Optimization Problems

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Message from the Guest Editor

Intelligent systems are defined with attributes such as high degree of autonomy, reasoning under conditions of uncertainty, higher performance in pursuit of goals, high level of abstraction, merging of data from a multitude of sensors, with the ability of learning and adaptation in a heterogeneous environment for complex problem.

This Special Issue highlights current new research and applications, addresses problems encountered in Control and Complex Optimization Problems, and can be addressed with a wide range of intelligent systems techniques, including neural networks, fuzzy logic, evolutionary strategy, and genetic algorithms.

Keywords:

Intelligent control;

Complex optimization problem;

Neural Networks;

Evolutionary strategy;

Genetic algorithms;

Multidisciplinary optimization problems;

Multi-criteria optimization;

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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