Special Issue

Evolutionary Computation: Theories, Techniques, and Applications

Message from the Guest Editor

This Special Issue invites submissions on recent advances in the theory and applications of evolutionary computation. Papers on all forms of evolutionary computation are welcome, including but not limited to genetic algorithms, genetic programming, evolution strategies, evolutionary programming, and memetic algorithms, as well as papers at the intersection of evolutionary computation and machine learning, such as neuroevolution. Additionally, we welcome papers that employ closely related techniques such as simulated annealing, ant colony optimization, particle swarm optimization, artificial immune systems, and other metaheuristics. All application areas are welcome, but submissions that deal with problems in the applied sciences are especially encouraged.

Guest Editor

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Deadline for manuscript submissions

closed (30 January 2024)

Applied Sciences

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About the Journal

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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