



Applications of Multi-Objective Evolutionary Algorithms

Guest Editor:

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Message from the Guest Editor

Multi-objective evolutionary algorithms (MOEAs) are population-based metaheuristics that allow us to find, in a single run, multiple Pareto solutions for multi-objective problems. This property allows the decision maker to choose, in an "a posteriori" decision process, the most satisfactory solution according to the current decision environment. In this way, if the decision environment changes, it is not necessary to run the algorithm again, but simply to choose another solution from the set of Pareto solutions. MOEAs are very powerful techniques that have been applied successfully in numerous applications and multiple types of optimization, search and machine learning problems.

This Special Issue invites original research papers that report on the state-of-the-art and recent advancements in "Applications of Multi-Objective Evolutionary Algorithms". The scope of this Special Issue encompasses applications in engineering, artificial intelligence, physical science, social science, business, economy, market research, and medical and health care.





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