Special Issue

Recent Advances in Swarm Intelligence Algorithms: Optimization and Application

Message from the Guest Editor

We welcome submissions focusing on the various evolutionary methods used in many tasks, including Particle Swarm Optimization, Differential Evolution, Ant Colony Optimization, Whale Optimization, Gray Wolf Optimizer, Bacterial Foraging Optimization, Artificial Fish Swarm (AFS), Artificial Bee Colony (ABC), Gravitational Search algorithm, the BAT algorithm, the Salp Swarm algorithm, etc. In addition, publications on practical applications of the above techniques are welcome, such as discrete optimization problems, swarm grammars, swarming art, network optimization problems, robotics, signal processing, etc. Appropriate topics include, but are not limited to, the following:

- Evolutionary algorithms;
- Metaheuristics;
- Differential Evolution;
- Artificial Swarm Intelligence;
- Ant Colony Optimization;
- Firefly algorithms;
- Gray Wolf Optimizer;
- Whale Optimization;
- Cuckoo Search;
- Artificial Bee Colony;
- Giant Armadillo Optimization;
- Particle Swarm Optimization;
- Machine learning methods;
- Swarm Intelligence.

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Deadline for manuscript submissions

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About the Journal

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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