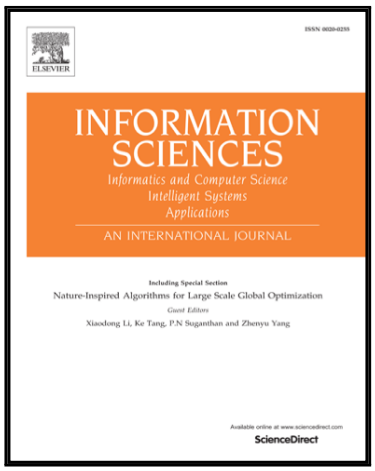

An Effective Bacterial Foraging Optimizer for Global Optimization

Weiguo Zhao, Liying Wang

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Highlights

- An effective bacterial foraging optimizer for global optimization is presented.
- The optimization utilizes combination of gravitational search and swarm diversity strategies.
- The algorithm is used to solve various types of benchmark functions and identify parameters of a chaotic system.
- The results are compared with the results of its competitors presented in the literatures.