

International Journal of
Metaheuristics

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Scope of the Journal

ISSN: 1755-2176 (Print), ISSN: 1755-2184 (Online)

IJMHeur publishes high-quality, state-of-the-art research in the field of metaheuristics, and provides a worldwide forum for the analysis and development of these techniques. The journal publishes studies concerning all aspects of metaheuristic practice, including theoretical studies, empirical investigations, comparisons, and real-world applications. Papers describing methods that have shown to produce financial or environmental improvements in a real-world setting are particularly welcome.

Contents

IJMHeur publishes high-quality papers, review articles and case studies. As a rule, only original work that has not been published elsewhere will be considered, though conference papers etc. may be accepted if they have been substantially enhanced. Special issues of the journal that focus in on a particular aspect of the field are also published from time-to-time. All papers are submitted to a sub-editor and are peer-reviewed by at least two referees.

Topics covered include:

- Neighbourhood search algorithms
- Evolutionary algorithms, ant systems, particle swarms
- Variable neighbourhood search
- Combinatorial/multiobjective optimisation
- Neural networks
- Parallel metaheuristics, new metaheuristic approaches/operators
- Theory/practice of metaheuristics
- Constraint handling techniques
- Representation and encoding issues
- Case studies and real-world applications
- Applications to machine learning
- Artificial immune systems
- Comparison papers
- Hybrid methods (including use of non-metaheuristic techniques)
- Parameter analysis



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