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Multi-Criteria Decision Making Methods and Their Applications

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Message from the Guest Editors

The purpose of this Special Issue is to gather a collection of articles reflecting the latest developments in the mathematical programming methods of operations research for multi-criteria decision making processes for different fields of multi-criteria optimization approaches, models, applications and techniques. Submissions could cover not only multi-criteria theoretical algorithms, but also practical applications in logistics, supply chains, cybersecurity, healthcare and other area.

Keywords

- multi-criteria decision making
- mathematical programming
- mixed integer programming
- linear programming
- quadratic programming
- exact approach
- approximation approaches
- portfolio optimization
- fair decision making
- pareto frontier
- goal programming
- conditional value-at-risk
- value-at-risk
- weighting approach
- lexicographic approach
- reference point method
- reference sets
- fuzzy sets
- heuristics

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Message from the Editor-in-Chief

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