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Solving discrete multi-objective optimization problems using modified augmented weighted Tchebychev scalarizations

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Highlights

- We contribute the modified augmented weighted Tchebychev (MAWT) norm.
- We describe an algorithm which, under very general assumptions, generates the full non-dominated set for a discrete multi-objective problem.
- Our algorithm performs comparably with two recently published algorithms, and appears to excel in comparison as the number of objectives increases.

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