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Title: Many-objective Evolutionary Optimization Based on Reference Points

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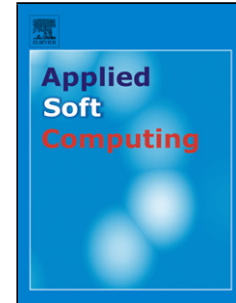
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Highlights:

- A general framework of reference points-based evolutionary algorithm for many-objective optimization is proposed.
- An approach for adaptively generating reference points with good performances in convergence and distribution is proposed.
- A method of selecting superior individuals based on reference points is proposed.
- The experiment results empirically demonstrate that the proposed algorithm performs better than MOEA/D and NSGA-III on problems with irregular Pareto fronts.

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