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Evaluation of the Migrated Solutions for Distributing Reference Point-based Multi-objective Optimization Algorithms

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Highlights

- Propose an improved method for distributing multiobjective optimization algorithm.
- A new way to evaluate the migrated members by using crossover.
- Efficient metric is proposed for evaluation of the performance of the distribution approach.
- This metric gives the approximate minimum number of function evaluations to reach the solution.
- Proposals can be able to applied to many-objective decomposition based algorithms.

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