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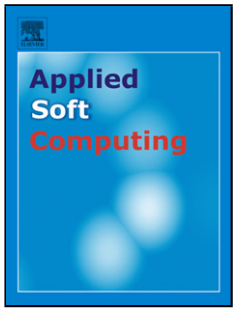

Title: A Multi-population Algorithm for Multi-Objective Knapsack problem

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Highlights

- We propose a novel multi-population based cooperative framework (Wε-CMOLS).
- Wε-CMOLS involves different configurations of local search algorithms (IBMOLS).
- Wε-CMOLS is tested on widely used multi-objective knapsack problem instances.
- Wε-CMOLS successfully competes against the basic version of IBMOLS.
- Wε-CMOLS is competitive with regards to well-known state-of-the-art algorithms.

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