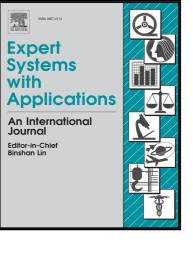
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Genetic Local Search Algorithm for a New Bi-Objective Arc Routing Problem with Profit Collection and Dispersion of Vehicles

Guilherme Dhein, Olinto César Bassi de Araújo, Ghendy Cardoso Junior

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Highlights

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- The proposed problem has two objectives: profit collection and vehicles dispersion
- Vehicles collect rewards for arcs traversed while traveling scattered in environment
- We propose a Multi-objective Genetic Local Search method to find approximation sets
- It uses specialized chromosome, genetic operators and local search strategy
- Our MOGLS presents better approximation sets than a NSGA II implementation

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