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An Iterated Tabu Search for the Multi-compartment Vehicle Routing Problem

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Highlights

- We study a practical variant of the vehicle routing problem with compartments.
- We propose a heuristic solution using tabu search embedded in iterated local search.
- We report results of experiments which analyze the heuristic performance in detail.
- We find that the proposed approach dominates existing approaches in nearly all cases.
- We further find that allowing split demands have a limited effect.

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