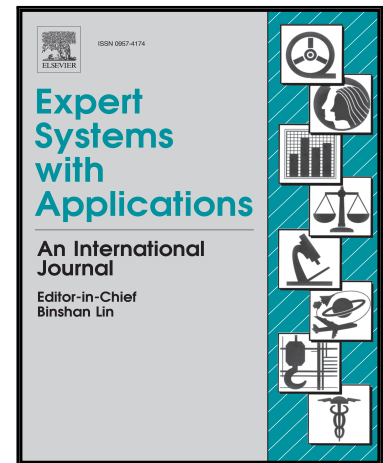


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The Heterogeneous Fleet Vehicle Routing Problem with Light Loads and Overtime: Formulation and Population Variable Neighbourhood Search with Adaptive Memory

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Highlights

- VNS-triggered memory extraction improves method performance up to 5.2%
- Incorporating real life aspects could improve daily total routing cost up to 8%
- Vehicle capacity and working time utilization could be improved by up to 12.5%
- Real life aspects could improve fleet composition at no extra cost
- Interesting managerial insights regarding real life routing trade-offs

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