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Congestion avoiding heuristic path generation for the proactive route guidance

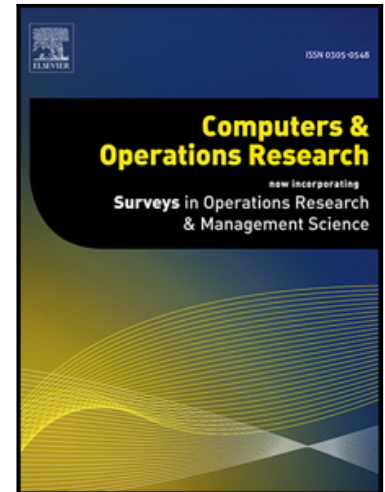
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Highlights

- A heuristic is presented to generate a subset of the feasible paths for the proactive route guidance approach
- The approach is based on linear programming models
- The number of generated paths is smaller with respect to the complete set by two or by higher orders of magnitude
- The results also show that the heuristic solution is very close to the optimal one
- Experiments were carried out on 40 benchmark instances with 150 nodes and 8 benchmark instances, with up to 330 nodes

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