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Modeling Formulation and a New Heuristic for the Railroad Blocking Problem

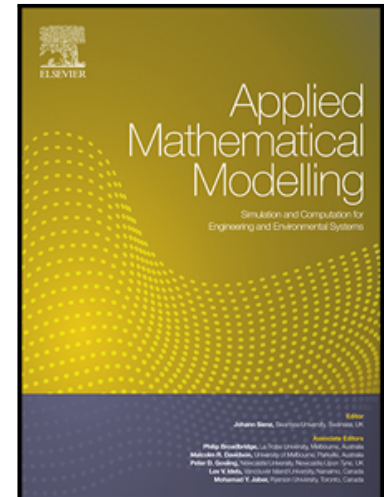
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Highlights

- We study a mixed-integer program to find the optimal strategy in a blocking problem.
- We propose a new heuristic to solve the model using the decomposition method.
- We show the effectiveness of the heuristic over instances compared with CPLEX solver.
- We present the results of the heuristic on data provided by railways of Iran.

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