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7THE BI-OBJECTIVE INSULAR TRAVELING SALESMAN PROBLEM WITH MARITIME AND GROUND TRANSPORTATION COSTS

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HIGHLIGHTS

- A novel biobjective insular traveling salesman problem is presented and formulated
- Maritime and ground transportation costs are optimized in terms of dock selection
- The problem was applied on a set of small, rural real-world instances in Chile
- Tradeoff between maritime and ground transportation costs is meaningfully analyzed
- This trade-off is partially explained by the number of islands and visited docks

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