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A Comparison of Formulations and Relaxations for Cross-dock Door Assignment Problems

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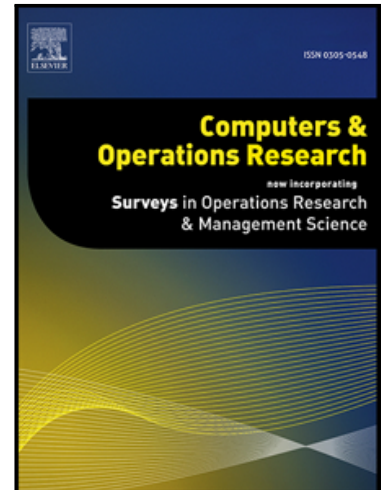
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**Highlights**

- Two new MIP mathematical formulations for Cross-dock Door Assignment Problems (CDAPs)
- A column generation algorithm
- Theoretical comparisons of different lower bounds
- Comparative computational experiments involving different formulations and algorithms
- Sensitivity analysis with respect to several CDAP parameters

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