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What are the worst cases in constrained last-in, first-out pick-up and delivery problems?

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Highlights

- We consider last-in, first-out constrained pick-up and delivery transportation tasks.
- We determine the minimum number of stacks needed in the worst case scenarios.
- Some simple operations are allowed to be executed over the delivery route.
- We formalize the problem in graph theoretical terms.
- For each set of parameters considered we determine lower and upper bounds.

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