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Empty Container Management and Coordination in Intermodal Transport

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Highlights

- We study empty container sharing problem in sea-rail intermodal transport.
- We characterize the optimal policy for empty container delivery.
- We prove the existence of unique Nash equilibrium of the stochastic inventory game.
- We design a contract to coordinate the sea-rail intermodal transport system.
- We show the notable performance improvement of coordination with numerical study.

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