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Dynamic Facility Layout Problem Based on Open Queuing Network Theory

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Highlights

- The layout objectives concern handling and restarting costs and work-in-process.
- Cloud based multi-objective simulated annealing is used.
- An open queuing network is used to allow material handling and work-in-process to be estimated.
- Results are verified through the use of simulation experiments.
- Extensive experiments show the efficiency of the approach.

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