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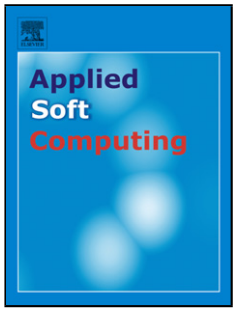

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A bi-objective batch processing problem with dual-resources on unrelated-parallel machines

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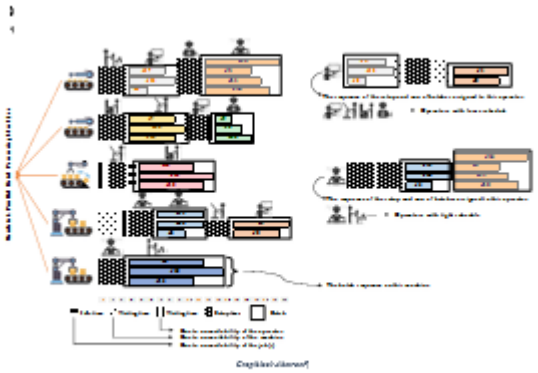
Graphical abstract



Highlights

- A batch processing problem with dual-resources on unrelated-parallel machines.
- Bi-objective to minimize production time and cost.
- A bi-objective MILP model developed in four layers to address the problem.
- A Pareto optimal set obtained by augmented ε-constraint method.

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