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The single machine weighted mean squared deviation problem

Jordi Pereira, Óscar C. Vásquez

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Highlights

- We consider a single machine scheduling problem under a JIT objective.
- We describe structural properties of the problem and dominance properties among jobs.
- These properties are incorporated within a branch-and-cut procedure.
- The proposed algorithm is able to solve instances with up to 300 jobs within reduced running times.

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