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An integrated approach for production lot sizing and raw material purchasing

Artur Lovato Cunha, Maristela Oliveira Santos, Reinaldo Morabito, Ana Barbosa-Póvoa

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Highlights

- Integration of raw material purchasing and production lot sizing.
- Raw material purchasing: various suppliers and different discount rates.
- Lot sizing: batch problem, multistage product structure and alternative tasks.
- Modelling approaches: integrated (one model) and subsequent (two models).
- Integrated model outperform subsequent model in all 192 instances.

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