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An Efficient Three-level Heuristic for the Large-scaled Multi-product Production Routing Problem with Outsourcing

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Highlights

- Investigation of a new multi-product production-routing problem with outsourcing
- The classical production-routing problem is a special case of the studied problem
- Development of a three-level heuristic to solve the considered problem
- Extensive computational experiments on 1755 instances are carried out.
- New best solutions for 364 out of 1530 benchmark instances for special case.

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