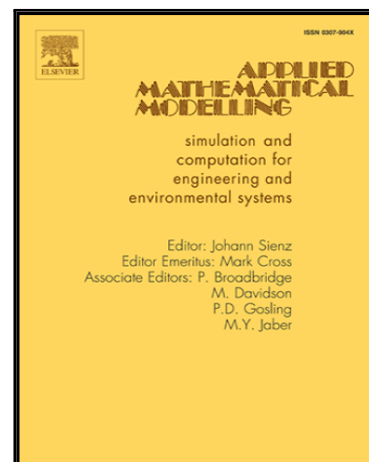


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On the multi-item economic lot-sizing with remanufacturing and uncapacitated production

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**Highlights**

- We consider the multi-item lot-sizing with remanufacturing and uncapacitated;
- We show how very high quality solutions by solving each item separately;
- Improves the best known feasible solutions and bounds for the available instances;
- We solved to optimality more than 50% of available instances.

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