

## Highlights

### **An exact method for the multi-product p-batch processing time maximization problem**

Tatiana Balbi Fraga, Ítalo Ruan Barbosa de Aquino, Regilda da Costa e Silva Menêzes

- taxonomy and notation for the multi-product batch problems;
- multi-product p-batch processing time maximization (MBPTM) problem definition;
- integer programming model for the MBPTM problem;
- exact optimization method for solving the MBPTM problem.