

Accepted Manuscript

Production Lot-Sizing with Dynamic Capacity Adjustment

Jinwen Ou, Jiejian Feng

PII: S0377-2217(18)30565-4
DOI: [10.1016/j.ejor.2018.06.030](https://doi.org/10.1016/j.ejor.2018.06.030)
Reference: EOR 15215



To appear in: *European Journal of Operational Research*

Received date: 15 July 2017
Revised date: 10 June 2018
Accepted date: 14 June 2018

Please cite this article as: Jinwen Ou, Jiejian Feng, Production Lot-Sizing with Dynamic Capacity Adjustment, *European Journal of Operational Research* (2018), doi: [10.1016/j.ejor.2018.06.030](https://doi.org/10.1016/j.ejor.2018.06.030)

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Highlights

- Production lot-sizing where capacity can be adjusted from time to time.
- Both capacity adjustment costs and capacity acquisition costs are considered.
- Both Production costs and inventory costs are general concave and time-varying.
- Efficient polynomial-time optimal algorithms are developed.
- Experiments show that cost can be reduced significantly through flexible capacity adjustment.

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