







Home ▶ All Journals ▶ International Journal of Production Research ▶ List of Issues ▶ Volume 49, Issue 6 ▶ Economic production order quantity and q

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Economic production order quantity and quality

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Abstract

The purpose of this study is to integrate a conventional production-inventory

management approach and a process-quality design approach so as to promote quality

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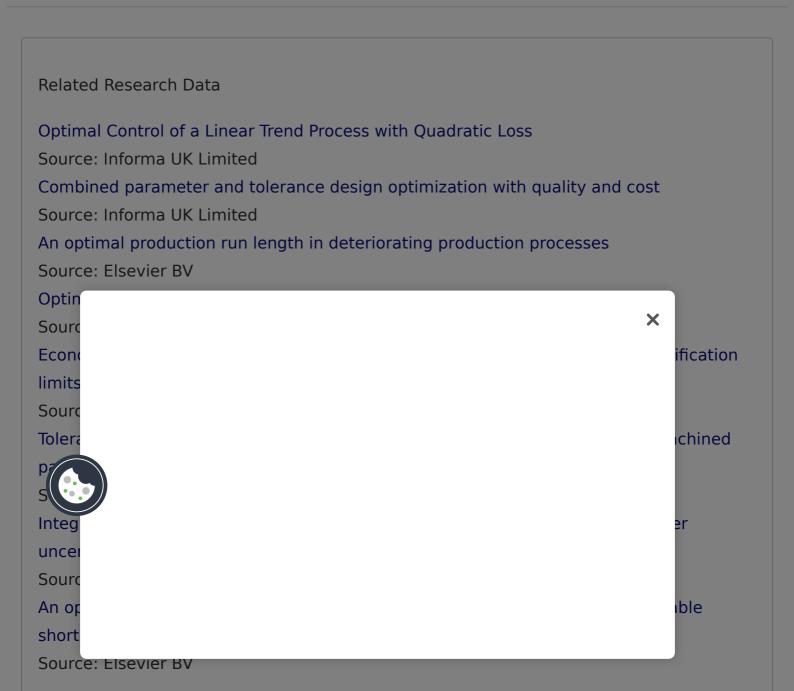
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simultaneously to minimise the average total cost for a cycle time. An example is presented to demonstrate the proposed approach.

Q Keywords: initial setting process tolerance production order quantity quality cost deterioration process optimisation

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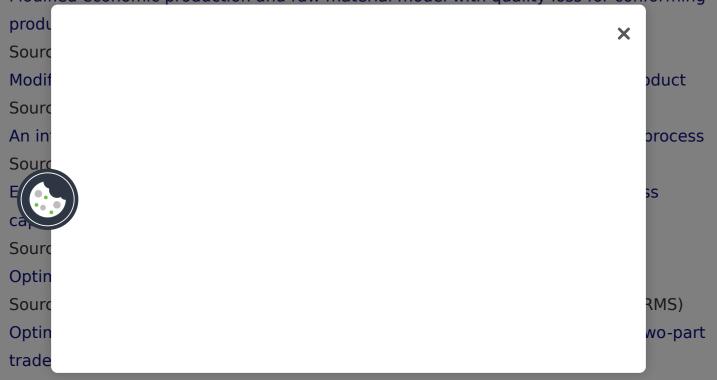
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