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# Note on: An integrated vendor-buyer cooperative inventory model for items with imperfect quality

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## Abstract

Huang [Huang, C., 2002. An integrated vendor-buyer cooperative inventory model for items with imperfect quality. *Production Planning and Control*, 13 (4), 355–361] proposes an integrated inventory model which allows a vendor and a buyer to minimise their expected integrated total cost function when the vendor's production process is not perfect. This note identifies two errors in the paper and provides a reformulation of the model.

Keywords:

integrated approach

vendor and buyer

imperfect quality

## Related Research Data

Economic production quantity model for items with imperfect quality

Source: International Journal of Production Economics

Solving a vendor-buyer integrated problem with rework and a specific multi-delivery policy by a two-phase algebraic approach

Source: Economic Modelling

The optimal pricing and ordering policy for an integrated inventory model when trade credit linked to order quantity

Source: Applied Mathematical Modelling

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