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International Journal of Systems Science > Volume 37, 2006 - Issue 15

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Original Articles

An EOQ model for deteriorating items with price- and stock-dependent selling rates under inflation and time value of money

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Pages 1131-1139 | Received 17 Jun 2004, Accepted 16 Aug 2006, Published online: 23 Feb 2007

66 Cite this article ⚠ https://doi.org/10.1080/00207720601014206

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Abstract

This study applies the discounted cash flow (DCF) approach for the analysis of a replenishment problem over a finite planning horizon. Thus, a deterministic economic order quantity (EOQ) inventory model taking into account inflation and time value of money is developed for deteriorating items with price- and stock-dependent selling

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Acknowledgements

The authors thank the editor, associate editor and anonymous referees for their constructive suggestions in the improvement of the paper. The study was partially supported by the National Science Research Council of the ROC under Grant NSC94-2213-E-123-004.



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