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Optimal dynamic pricing for deteriorating items with reference price effects when inventories stimulate demand

Tsu-Pang Hsieh, Chung-Yuan Dye

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## ACCEPTED MANUSCRIPT

## Highlights

- We incorporate reference price effects into a deteriorating inventory problem.
- The demand rate depends on displayed stock level and selling price simultaneously.
- The optimal pricing and inventory strategies are determined for each demand behavior scenario.
- The initial reference price plays an important role in making pricing strategies.

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