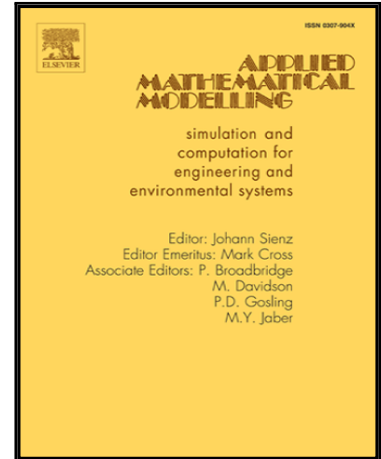


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Achieving Optimal Performance of Supply Chain under Cost Information Asymmetry

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## **Highlights**

- We model an innovative contract under cost information asymmetry.
- We examine how the reservation profits and balance parameter affect the profit improvement.
- The increasing supplier's reservation profit decreases the lower and the upper bounds of the balance parameter.
- The supplier with a higher production cost prefers a smaller balance parameter whereas the retailer prefers a larger one.
- The intervals length of supply chain's profit improvement decreases in the balance parameter.

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