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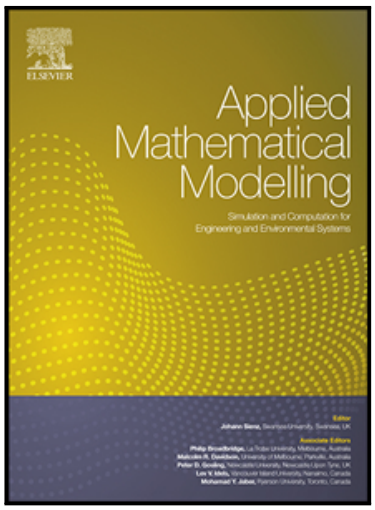

Analysis of a busy period queuing system with balking, reneging and motivating

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Highlights：

1. We develop a model for analyzing the multi-server busy period queuing system with balking, reneging and motivating.
2. The piecewise curves with threshold structure are introduced.
3. The effectiveness of the proposed model is shown with the empirical example.

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