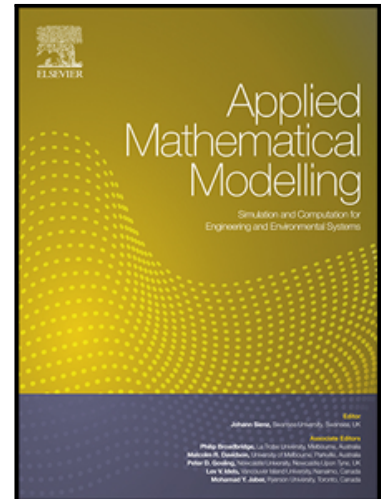


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Transient solution for the queue-size distribution in a finite-buffer model with general independent input stream and single working vacation policy

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Highlights

- Transient queue-size distribution in GI/M/1/N-type model with working vacation policy is studied
- The idea of embedded Markov chain, total probability law and linear algebra are applied
- Final result is given for the Laplace transform in a compact form
- Illustrative numerical examples are attached

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