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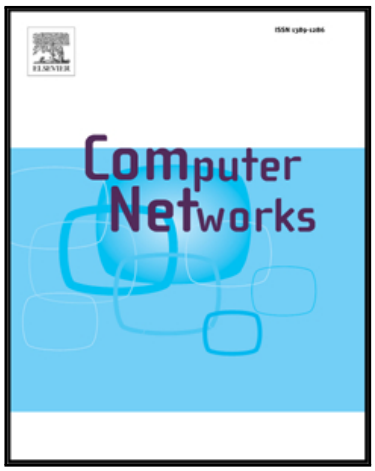

Analysis and optimization of Guard Channel Policy with buffering in cellular mobile networks

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Highlights

- Multi-server retrial queue as the model of a cell of a network is analyzed
- Arrival of handover and new customers is described by the marked Markovian process
- Phase type distribution of service time is various for handover and new customers
- Influence of servers reservation and queueing on performance measures is analysed

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