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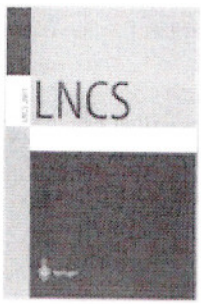


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Networks and Security

## Multi-threshold Guard Channel Policy for Next Generation Wireless Networks

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In this paper, we consider the call admission problem in next generation wireless networks, which must handles multi-media traffics. We give an algorithm, which finds the optimal number of guard channels, which minimizes the overall blocking probability calls with lowest level of QoS in a multi-cell cellular network subject to the hard constraint on the blocking probabilities of other calls.

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