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ON POISSON BULK ARRIVAL QUEUE WITH BALKING, RENEGING AND HETEROGENEOUS SERVICES

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Abstract

The main aim is to derive the analytical solution of the queue: $M^X/M/2/N$ for batch arrival system with balking, renegeing and two heterogeneous servers. We modify the method FIFO under generalise condition by suitable application of steady-state probabilities having effective probability measure.

Key Words : *Heterogeneous servers, Batch arrival, Balking, Reneging.*

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