

Flatto, Leopold

Two parallel queues created by arrivals with two demands. II. (English) Zbl 0579.90033
SIAM J. Appl. Math. 45, 861-878 (1985).

In part I of this paper [see the author and *S. Hahn*, *ibid.* 44, 1041-1053 (1984; [Zbl 0554.90041](#))] the author considered the two-dimensional queue length process that arises when each arrival at a queueing system places two demands handled independently by two servers. In this paper the author investigates the asymptotic behaviour of the state probabilities of this process assumed to be in equilibrium.

Reviewer: [N.U.Prabhu](#)

MSC:

[90B22](#) Queues and service in operations research
[60K25](#) Queueing theory (aspects of probability theory)

Cited in **23** Documents

Keywords:

two-dimensional queue length process; asymptotic behaviour; state probabilities

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