

**ZMATH 1995a.00420**

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**Comparison of queuing systems.**

Pi Mu Epsilon J. 10, No. 1, 34-36 (1994).

In this note, we investigate an intermittent one-server queue, where the server works until the queue length is zero and then takes a break for time  $d$ . If at this time the queue length is still zero, the server takes another break for time  $d$ . We will calculate the expected time between breaks, the expected length of the queue, and the expected waiting time for a customer for various values of  $d$ . (orig.)

*Classification:* K65

*Keywords:* poisson processes