

Akinsete, A. A. (1999): Characterization of the exponential distribution in an unreliable service queueing system with withdrawal. *Italian Journal of Pure and Applied Mathematics*. **9**, 69 – 72. MR1842380 (2002e:90020).

Abstract:

We extend the work of Dimitrov and Khalil [5], and Harn and Steutel [6] on the characterization of exponential distribution in queueing system by allowing customers with interrupted service at server's failure period to withdraw. A new characterization property is found in respect of the withdrawal effect.