

Soltan A. ALIEV, Yaroslav I. YELEYKO, Yuriy V. ZHERNOVYI

ERGODIC DISTRIBUTIONS FOR CERTAIN  
MODIFICATIONS OF THE  $M/M/n/m$  QUEUEING  
SYSTEM

Abstract

*Modifications of the  $M/M/n/m$  and  $M/M/n/\infty$  queueing systems are examined. These modifications consist in an opportunity of transition in a state of inaccessibility and blocking of an input flow. Ergodic distributions of number of customers in queueing systems are found.*