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ACCUMULATION PROCESSES CONNECTED
WITH WAITING TIME OF CUSTOMERS IN
MULTITERMINAL QUEUING SYSTEMS

Abstract

Multiterminal queueing systems with cyclic service are considered, asymptotic expansions of expectation and variance, asymptotic distributions of waiting time and waiting expense of customers are found at each terminal. Similar results are obtained for the cases when control is conducted in one terminal and when customers arrive with mixed Poisson's flow.