短文

离散系统快速递推仿真算法及其在柔性制造系统中的应用

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摘要

关键词　排队网络　仿真　FMS

分类号

A Fast Recursive Algorithm for the Simulation of Discrete event Dynamic Systems and It's Application to the FMS

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Abstract
This paper introduces the BCMP network [1] into a closed system which has only one cental server, and sets up a new multivariable queueing network model for the system. This method can not only give a measure of the error by approximation, but also minimizes the error. In addition, the algorithm is recursive, and it requires little amount of computation.

Key words　Queueing network model　simulation　FMS

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