

عنوان مقاله:

Scheduling flexible manufacturing system consideration cost maintenance using hybrid algorithm and petrinet simulation modeling

محل انتشار:

کنفرانس بین المللی مدل سازی غیر خطی و بهینه سازی (سال: 1391)

تعداد صفحات اصل مقاله: 8

نویسندگان:

Aziz NoroziNodhi - *Department of industrial management, Islamic Azad University, Firoozkooh branch, Firoozkooh, Iran*

Damoun Tarzaban

Hassan Falahnzhadnodhi - *Department of management, Islamic Azad University, Research & Science branch, Mazandaran, Iran*

خلاصه مقاله:

Scheduling of flexible manufacturing systems is one of problems in NP-Hard optimization. The aim of scheduling of these systems is to maximize the system efficiency by finding an optimal planning for a better cooperation among various processes. In recent years many algorithms proposed to solve this problem, and most of them are based on heuristic methods. In This paper we have proposed a new algorithm namely MTPN, a Memetic algorithm combined with Timed Petri Net, for scheduling flexible manufacturing systems considering maintenance problem.

کلمات کلیدی:

Scheduling of flexible manufacturing systems, Memetic algorithm, Timed Petri Net, Maintenance

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/187642>

