

## عنوان مقاله:

Pure cycles in dual gripper robotic cells

## محل انتشار:

نهمین کنفرانس بین المللی مهندسی صنایع (سال: 1391)

تعداد صفحات اصل مقاله: 7

## نویسندگان:

Saiedeh Gholami - Department of industrial engineering, K. N. Toosi University of Technology

Sina Sotoodeh

Nima Babaie

## خلاصه مقاله:

The focus of this study is on a dual-gripper robot centered cell, consisting of machines producing identical parts. These machines are flexible. They can perform all operations that each part needs. In this study a new class of robot move cycles, called pure cycles is considered. Within the restricted class of pure cycles, our objective is finding the processing times on machines to minimize the cycle time. In this paper, a dual-gripper robotic cell in the pure cycle environment is studied. It is assumed that the processing times on each machine are constant as well as controllable. The performance of dual-gripper robotic in the pure cycle environment is analyzed. Finally, it is determined a new lower bound for the cycle time

## کلمات کلیدی:

pure cycles; flexible robotic cell; dual-gripper robot

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/188927>

