

## Two machine Flexible shop scheduling problem

SHINTARO MOHRI, TERUO MASUDA, HIROAKI ISHII,

Received September 1, 2000

ABSTRACT. We study two machine shop type scheduling problem in this paper. At shop type scheduling, one job is handled by plural machines. And it generally divided two types of problem. Flowshop type have been determined the order of operation at each machine. And it is not decided on Openshop type. In this paper, considering a problem with two machines and flexible jobs which have no strict order of machines, but have desirably order. The super shop problem which is mixed with flow shop and open shop is considered by Strusevich and suggests a solution method that based on 13 cases. In this paper, we extend this result and give more detailed condition on one case which include preemptive job. We also propose a solution to this problem by extending this result to flexible flowshop.