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The makespan problem of scheduling multi groups of jobs on multi processors at different speeds

Wei Ding

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Article abstract

In the paper we mainly study the makespan problem of scheduling n groups of jobs on n special-purpose processors and m general-purpose processors at different speeds. We first propose an improved LPT algorithm and investigate several properties of this algorithm. We then obtain an upper bound for the ratio of the approximate solution T to the optimal solution T^* under the improved LPT algorithm.

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Department of Mathematics Sun Yet-sen University Guangzhou 510275 China e-mail: dingwei@mail.sysu.edu.cn

February 28, 2011

Dear Editor,

I would be very glad if the paper "The makespan problem of scheduling multi groups of jobs on multi processors at different speeds" could be considered for publication in Algorithmic Operations Research.

Attached you will find the pdf-file of the paper ((Ding.pdf)).

Could you please inform me in connection with your decision?

Sincerely yours,

Wei Ding