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# Preemptive scheduling of two uniform parallel machines to minimize total tardiness

#### Abstract

We consider the problem of preemptive scheduling n jobs on two uniform parallel machines. All jobs have equal processing requirements. For each job we are given its due date. The objective is to find a schedule minimizing total tardiness  $\Sigma^{Ti}$ . We suggest an O(n log n) algorithm to solve this problem. © 2011 Elsevier B.V. All rights reserved.

## Author keywords

Polynomial algorithm; Scheduling; Total tardiness; Uniform machines

### Indexed keywords

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