Accepted Manuscript

Coordination Mechanisms for Scheduling Games with Proportional Deterioration

Qianqian CHEN, Ling LIN, Zhiyi TAN, Yujie YAN

PII: S0377-2217(17)30449-6
DOI: 10.1016/j.ejor.2017.05.021
Reference: EOR 14449

To appear in: *European Journal of Operational Research*

Received date: 12 November 2015
Revised date: 26 March 2017
Accepted date: 11 May 2017

Please cite this article as: Qianqian CHEN, Ling LIN, Zhiyi TAN, Yujie YAN, Coordination Mechanisms for Scheduling Games with Proportional Deterioration, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.05.021

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- We consider coordination mechanisms for scheduling games with proportional deterioration.
- We study the inefficiency of Nash Equilibrium with social cost of minimizing makespan/total load.
- We obtain parametrically tight bounds on the Price of Anarchy of Nash Equilibrium.
- Convex programming is used to obtain tight bounds.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/4959374

Download Persian Version:

https://daneshyari.com/article/4959374

Daneshyari.com