

We dedicate this work to the memory of Professor Christodoulos Floudas, who was a true mentor, friend, and source of inspiration to all the authors of this work.

Accepted Manuscript

A Scheduling Perspective on the Monetary Value of Improving Process Control

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PII: S0098-1354(18)30043-7
DOI: [10.1016/j.compchemeng.2018.01.019](https://doi.org/10.1016/j.compchemeng.2018.01.019)
Reference: CACE 6008

To appear in: *Computers and Chemical Engineering*

Received date: 15 September 2017
Revised date: 23 January 2018
Accepted date: 25 January 2018

Please cite this article as: Joseph G. Costandy, Thomas F. Edgar, Michael Baldea, A Scheduling Perspective on the Monetary Value of Improving Process Control, *Computers and Chemical Engineering* (2018), doi: [10.1016/j.compchemeng.2018.01.019](https://doi.org/10.1016/j.compchemeng.2018.01.019)

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1 Highlights

- 2 • We delineate the influence of control on optimal production scheduling problems
- 3 • We examine the use of total or individual transition times as value metrics
- 4 • We demonstrate that both metrics are suitable for economic benefit analysis for process
5 control
- 6 • We illustrate the role of closed-loop system nonlinearity on the value of improving control

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