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.

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A Scheduling Perspective on the Monetary Value of Improving Process Control

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Highlights

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

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