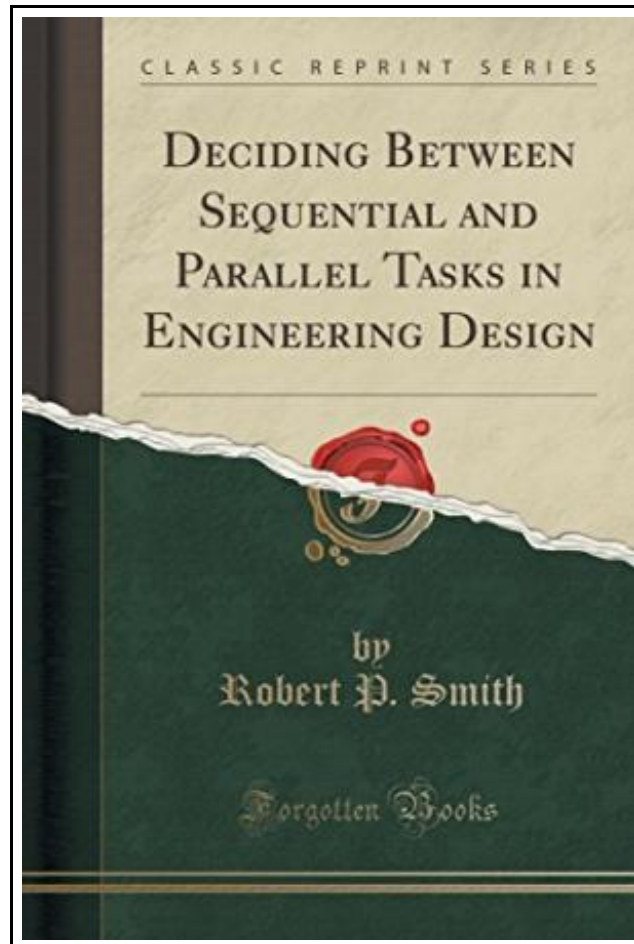


Deciding Between Sequential and Parallel Tasks in Engineering Design (Classic Reprint) (Paperback)



Filesize: 1.33 MB

Reviews

This book is definitely not straightforward to get started on studying but extremely exciting to read. It is really simplistic but shocks in the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Ally Reichel)

DECIDING BETWEEN SEQUENTIAL AND PARALLEL TASKS IN ENGINEERING DESIGN (CLASSIC REPRINT) (PAPERBACK)



Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Deciding Between Sequential and Parallel Tasks in Engineering Design It is generally desirable to complete design tasks in parallel in order to reduce the overall development time. However, completing tasks in parallel may sometimes increase the total amount of rework that must be done, thereby increasing the total engineering effort, the development cost and the lead time. The technique described in this paper helps to decide between serial and parallel scheduling of multiple tasks in a two-stage design process. Using information about task interdependencies, this method calculates the amount of time and the amount of effort (in engineer-weeks) required for any suggested assignment of tasks to the two stages. The paper suggests an approach for minimizing time, or effort, or both by adjusting the schedule of which tasks should be completed at which time. The method is applied to data from a computer workstation design problem. 1. Introduction Concurrent engineering has become increasingly important in recent years. Concurrent engineering is a philosophy that suggests the need to consider design issues simultaneously where they may have been considered sequentially in the past [Nevins and Whitney 1989, Susman 1992]. The division between sequential design phases arose historically because one set of design issues (typically product performance issues) were considered of greater importance, and this portion of the design space was considered first. The secondary set of design issues (typically manufacturing process design) were considered only after the initial set of design issues had been decided (throw it over the wall .) In recent years the sequential design process has been considered inefficient, since this type of design process typically leads to a greater development time, greater...



Read Deciding Between Sequential and Parallel Tasks in Engineering Design (Classic Reprint) (Paperback) Online



Download PDF Deciding Between Sequential and Parallel Tasks in Engineering Design (Classic Reprint) (Paperback)

Other Kindle Books



31 Moralistic Motivational Bedtime Short Stories for Kids: 1 Story Daily on Bedtime for 30 Days Which Are Full of Morals, Motivations Inspirations (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Reading to children is a wonderful activity and past time that both parents...

[Read Document »](#)



The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching...

[Read Document »](#)



Talking Digital: A Parent s Guide for Teaching Kids to Share Smart and Stay Safe Online (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book. It is time for the digital talk. Today, kids are growing up in a wired world. Their...

[Read Document »](#)



No Friends?: How to Make Friends Fast and Keep Them (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Do You Have NO Friends ? Are you tired of not having any...

[Read Document »](#)



History of the Town of Sutton Massachusetts from 1704 to 1876 (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This version of the History of the Town of Sutton Massachusetts...

[Read Document »](#)