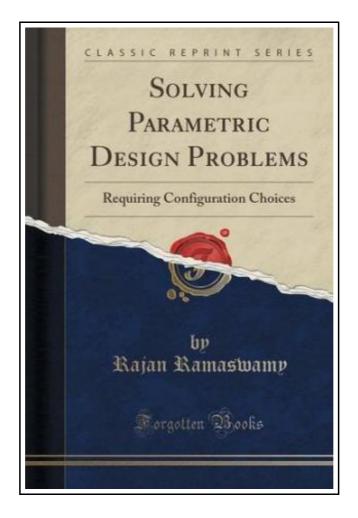
# Solving Parametric Design Problems: Requiring Configuration Choices (Classic Reprint) (Paperback)



Filesize: 9.37 MB

#### Reviews

This ebook will not be effortless to get going on studying but very enjoyable to learn. Of course, it can be play, still an amazing and interesting literature. Your daily life period will probably be enhance once you complete looking at this book.

(Mr. Osborne Homenick)

# SOLVING PARAMETRIC DESIGN PROBLEMS: REQUIRING CONFIGURATION CHOICES (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 Solving Parametric Design Problems: Requiring Configuration Choices Many design tasks involve selection from a set of configurations followed by parametric optimization of the chosen configuration. The models used for these tasks tend to be large, non-linear and involve both discrete and continuous variables. It is rarely possible to use any single formal algorithm to solve these problems and as a result there are very few tools to help designers solve such problems. We believe computer environments that allow flexible access to a varied set of computer tools will help designers rapidly generate high quality solutions. We demonstrate our arguments on a design problem taken from a commercial auto manufacturer, propose a framework for dealing with the general class of problems and describe a preliminary implementation of a novel design system that integrates math programming, knowledge-based and graph theoretic tools. Keywords: Knowledge-based systems, mathematical programming, hybrid systems, graph theory, design. Number of Words (text): 5800, (abstract, appendices etc): 1100 1 Introduction This paper explores decision support tools for engineers who deal with complex input-output models. An input-output model is used to compute a set of performance parameters from a set of input parameters, based on a set of equations (see Figure 1). About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair...

- Read Solving Parametric Design Problems: Requiring Configuration Choices (Classic Reprint) (Paperback) Online
- Download PDF Solving Parametric Design Problems: Requiring Configuration Choices (Classic Reprint) (Paperback)

#### **Relevant Books**



#### 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 PDF »



## Valley Forge: The History and Legacy of the Most Famous Military Camp of the Revolutionary War (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*\*Includes pictures \*Includes accounts of Valley Forge written by Washington and other generals...

Read PDF »



## The Right Kind of Pride: A Chronicle of Character, Caregiving and Community (Paperback)

Right Kind of Pride, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. After 20 years of marriage author Christopher Cudworth and his...

Read PDF »



#### The Diary of a Goose Girl (Illustrated Edition) (Dodo Press) (Paperback)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. Claude A Shepperson (illustrator). Illustrated. 229 x 152 mm. Language: English. Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Kate Douglas Wiggin, nee Smith (1856-1923) was...

Read PDF »



#### The Story of Patsy (Illustrated Edition) (Dodo Press) (Paperback)

Dodo Press, United Kingdom, 2007. Paperback. Book Condition: New. Illustrated. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Kate Douglas Wiggin, nee Smith (1856-1923) was an American children s...

Read PDF »