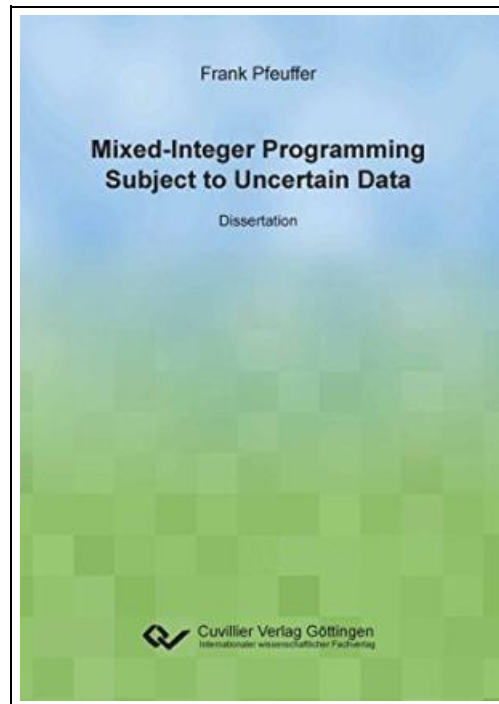


## Mixed-Integer Programming Subject to Uncertain Data



Filesize: 5.57 MB

### ***Reviews***

*The ideal book i possibly read. It is among the most remarkable pdf i have go through. I am easily could get a enjoyment of reading through a created ebook.*

***(Elise Wehner)***

## MIXED-INTEGER PROGRAMMING SUBJECT TO UNCERTAIN DATA

[DOWNLOAD](#)

To save **Mixed-Integer Programming Subject to Uncertain Data** eBook, please access the button beneath and download the file or have accessibility to additional information which are highly relevant to MIXED-INTEGER PROGRAMMING SUBJECT TO UNCERTAIN DATA book.

Cuvillier Verlag Okt 2012, 2012. Taschenbuch. Condition: Neu. Neuware - AbstractThe here presented thesis deals with optimization problems where the underlying problem data are subject to uncertainty. Sources of data uncertainty in practical problems are manifold, and so are the ways to model uncertainty in a mathematical programming context. The position taken in this thesis is that the underlying problem is a linear or mixedinteger program where some part of the problem data, e.g., the constraint matrix, is described by a set of possible matrices instead of a single one. There are two opposite viewpoints on this: The optimist assumes that he can influence the uncertainty and, thus, can choose a constraint matrix along with values for the variables of the underlying problem. The pessimist, however, assumes that he has to take a decision without having this possibility to choose and, therefore, assumes the worst case. The former viewpoint is expressed by a so called generalized mixed-integer program, the latter by a so called robust mixed-integer program. In the first part of this thesis, robust problems with uncertainty in the cost vector are investigated. Here, the emphasis lies on considering simply structured uncertainties that allow the reduction of a problem with uncertainty to a series of problems of the same type but without uncertainty. It is known from the literature that this is possible for robust 0-1 programs and the robust minimum-cost flow problem if the uncertainty is a (higher dimensional) interval where the upper bound corner is cut off by a single cardinality constraint; this constraint permits control over the amount of robustness in the problem. In this thesis, it is demonstrated that this is still possible for uncertainties where the upper bound is cut off by arbitrarily many knapsack constraints with non-negative coefficients, which permits more detailed control. For...

[Read Mixed-Integer Programming Subject to Uncertain Data Online](#)[Download PDF Mixed-Integer Programming Subject to Uncertain Data](#)

## Relevant PDFs



**[PDF] More Disney Solos for Kids (Mixed media product)**

Follow the web link under to download "More Disney Solos for Kids (Mixed media product)" document.

[Read ePub »](#)



**[PDF] Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade**

Follow the web link under to download "Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade" document.

[Read ePub »](#)



**[PDF] Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**

Follow the web link under to download "Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade" document.

[Read ePub »](#)



**[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Follow the web link under to download "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." document.

[Read ePub »](#)



**[PDF] Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: ( Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)**

Follow the web link under to download "Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: ( Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)" document.

[Read ePub »](#)



**[PDF] Pickles To Pittsburgh: Cloudy with a Chance of Meatballs 2**

Follow the web link under to download "Pickles To Pittsburgh: Cloudy with a Chance of Meatballs 2" document.

[Read ePub »](#)