



Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems)

By Ching-Lai Hwang, Kwangsun Yoon

Download now

Read Online 

Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon

This monograph is intended for an advanced undergraduate or graduate course as well as for the researchers who want a compilation of developments in this rapidly growing field of operations research. This is a sequel to our previous work entitled "Multiple Objective Decision Making--Methods and Applications: A State-of-the-Art Survey," (No. 164 of the Lecture Notes). The literature on methods and applications of Multiple Attribute Decision Making (MADM) has been reviewed and classified systematically. This study provides readers with a capsule look into the existing methods, their characteristics, and applicability to analysis of MADM problems. The basic MADM concepts are defined and a standard notation is introduced in Part I. Also introduced are foundations such as models for MADM, transformation of attributes, fuzzy decision rules, and methods for assessing weight. A system of classifying seventeen major MADM methods is presented. These methods have been proposed by researchers in diversified disciplines; half of them are classical ones, but the other half have appeared recently. The basic concept, the computational procedure, and the characteristics of each of these methods are presented concisely in Part II. The computational procedure of each method is illustrated by solving a simple numerical example. Part IV of the survey deals with the applications of these MADM methods.

 [Download Multiple Attribute Decision Making: Methods and Ap ...pdf](#)

 [Read Online Multiple Attribute Decision Making: Methods and ...pdf](#)

Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems)

By Ching-Lai Hwang, Kwangsun Yoon

Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon

This monograph is intended for an advanced undergraduate or graduate course as well as for the researchers who want a compilation of developments in this rapidly growing field of operations research. This is a sequel to our previous work entitled "Multiple Objective Decision Making--Methods and Applications: A State-of-the-Art Survey," (No. 164 of the Lecture Notes). The literature on methods and applications of Multiple Attribute Decision Making (MADM) has been reviewed and classified systematically. This study provides readers with a capsule look into the existing methods, their characteristics, and applicability to analysis of MADM problems. The basic MADM concepts are defined and a standard notation is introduced in Part I. Also introduced are foundations such as models for MADM, transformation of attributes, fuzzy decision rules, and methods for assessing weight. A system of classifying seventeen major MADM methods is presented. These methods have been proposed by researchers in diversified disciplines; half of them are classical ones, but the other half have appeared recently. The basic concept, the computational procedure, and the characteristics of each of these methods are presented concisely in Part II. The computational procedure of each method is illustrated by solving a simple numerical example. Part III of the survey deals with the applications of these MADM methods.

Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon Bibliography

- Sales Rank: #5560419 in Books
- Published on: 1981-02-01
- Released on: 1981-02-01
- Ingredients: Example Ingredients
- Original language: English
- Number of items: 1
- Dimensions: 9.61" h x .64" w x 6.69" l, 1.00 pounds
- Binding: Paperback
- 269 pages

 [Download Multiple Attribute Decision Making: Methods and Ap ...pdf](#)

 [Read Online Multiple Attribute Decision Making: Methods and ...pdf](#)

Download and Read Free Online Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon

Editorial Review

Users Review

From reader reviews:

James Boyd:

Have you spare time for just a day? What do you do when you have a lot more or little spare time? Yeah, you can choose the suitable activity for spend your time. Any person spent their particular spare time to take a go walking, shopping, or went to the particular Mall. How about open or read a book entitled Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems)? Maybe it is being best activity for you. You already know beside you can spend your time using your favorite's book, you can better than before. Do you agree with its opinion or you have other opinion?

Stacy Perry:

The book Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) can give more knowledge and also the precise product information about everything you want. So just why must we leave the great thing like a book Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems)? Some of you have a different opinion about reserve. But one aim in which book can give many information for us. It is absolutely proper. Right now, try to closer using your book. Knowledge or facts that you take for that, you are able to give for each other; you may share all of these. Book Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) has simple shape but the truth is know: it has great and massive function for you. You can appear the enormous world by open up and read a reserve. So it is very wonderful.

Camille Wolfe:

In this particular era which is the greater particular person or who has ability to do something more are more special than other. Do you want to become considered one of it? It is just simple solution to have that. What you need to do is just spending your time almost no but quite enough to get a look at some books. One of the books in the top list in your reading list is Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems). This book that is certainly qualified as The Hungry Mountains can get you closer in becoming precious person. By looking upward and review this reserve you can get many advantages.

Steven Delorme:

What is your hobby? Have you heard that will question when you got students? We believe that that issue was given by teacher with their students. Many kinds of hobby, Every person has different hobby. And also you know that little person similar to reading or as studying become their hobby. You have to know that reading is very important along with book as to be the matter. Book is important thing to add you knowledge, except your current teacher or lecturer. You will find good news or update in relation to something by book. Many kinds of books that can you choose to adopt be your object. One of them is Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems).

Download and Read Online Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon #F9DTIPCV8MJ

Read Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon for online ebook

Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon books to read online.

Online Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon ebook PDF download

Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon Doc

Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon Mobipocket

Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon EPub

F9DTIPC8MJ: Multiple Attribute Decision Making: Methods and Applications A State-of-the-Art Survey (Lecture Notes in Economics and Mathematical Systems) By Ching-Lai Hwang, Kwangsun Yoon