

## **AHP Book Announcements**

Antonella Petrillo  
Parthenope University of Naples  
Department of Mechanical Engineering  
Italy  
a.petrillo@unicas.it

Enrique Mu  
Carlow University  
Department of Business Administration  
United States  
emu@carlow.edu

Two more books have been added to the AHP bibliography this month. The first is a book titled *Applications and Theory in Analytic Hierarchy Process - Decision Making for Strategic Decisions* which was edited by Fabio de Felice, Thomas L. Saaty and Antonella Petrillo. This book offers a very diverse compendium of AHP applications and some very interesting theoretical discussions. This book will constitute a valuable reference for the AHP scholar and practitioner. It is published by INTECH and is available both in open access (free) format and as a printed book.

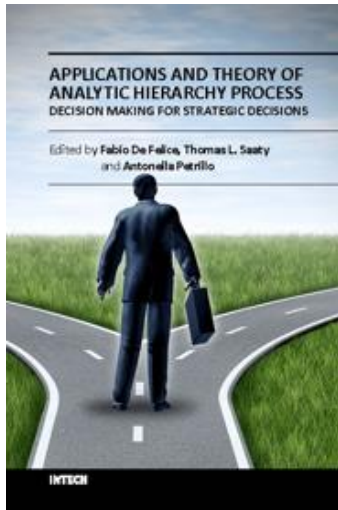
The second book is titled *Practical Decision Making: Introduction to the Analytic Hierarchy Process using Super Decisions v2* and is written by Enrique Mu and Milagros Pereyra-Rojas and published by Springer. This book is aimed at the novice who has a minimal mathematical background. The authors indicate that it was conceived to allow the reader to learn AHP on their own using the freely available software package Super Decisions v2. AHP scholars may also benefit from using this book for teaching purposes particularly because there are videos available to support the hands-on examples provided in the text. The flyer and general information for both books are provided below.

## Applications and Theory in Analytic Hierarchy Process - Decision Making for Strategic Decisions

---

Edited by [Fabio De Felice](#), [Thomas L. Saaty](#) and [Antonella Petrillo](#), ISBN 978-953-51-2561-7, Print ISBN 978-953-51-2560-0, 320 pages, Publisher: InTech, Chapters published August 31, 2016 under DOI: 10.5772/61387

---



This book is about making decisions the natural way which we call the Analytic Hierarchy Process (AHP). It involves assumptions about what people are observed to do with their biological equipment. They should not need to steep themselves for long in technical training to organize their thinking and discover what judgments they hold. They should be able to approach a decision problem by posing and answering the right kind of questions.

The motivation beyond the book is the consciousness that we make important decisions every day, simple choices and hard choices. Our lives are the sum of our decisions, whether in business or in personal spheres. Often, when we decide is as important as what we decide. Deciding too quickly can be hazardous; delaying too long can mean missed opportunities. In any case it is important to decide. Decision making is fundamental to furthering our goal of survival and ensuring the quality of our life. To be a person is to be a *decision maker*.

Thus, the purpose of this book is to provide an introduction to the theory and applications in the field of decision making, especially focused on Analytic Hierarchy Process. The idea of the book is to expand the reader's consciousness to deal with problems regarding the decision making.

This book presents some application examples of Analytic Hierarchy Process. It contains original research and application chapters from different perspectives, and covers different areas such as supply chain, environmental engineering, safety, and social issues. This book is intended to be a useful resource for anyone who deals with decision making problems.

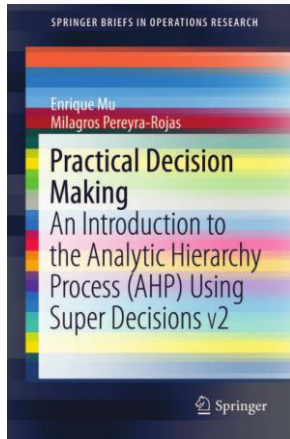
The book is intended to be a useful resource for anyone who deals with decision making problems. Furthermore, we hope that this book will provide useful resources ideas, techniques and methods for further research on Analytic Hierarchy Process.

### Link to download

<http://www.intechopen.com/books/applications-and-theory-of-analytic-hierarchy-process-decision-making-for-strategic-decisions>



springer.com



1st ed. 2017, XIII, 111 p. 137 illus., 85 illus. in color.

 **Printed book**

**Softcover**

- ▶ 49,99 € | £37.99 | \$54.99
- ▶ \*53,49 € (D) | 54,99 € (A) | CHF 55.00

 **eBook**

Available from your library or

- ▶ [springer.com/shop](http://springer.com/shop)

 **MyCopy**

Printed eBook for just

- ▶ € | \$ 24.99
- ▶ [springer.com/mycopy](http://springer.com/mycopy)



Enrique Mu, Milagros Pereyra-Rojas

**Practical Decision Making**

An Introduction to the Analytic Hierarchy Process (AHP) Using Super Decisions V2

Series: SpringerBriefs in Operations Research

- ▶ Presents a simple introduction to AHP fundamentals and applications without a sophisticated mathematical background as a pre-requisite
- ▶ Provides a quick and intuitive understanding of the AHP methodology using spreadsheet examples and explains in a step-by-step fashion how to use the method using SuperDecisions
- ▶ Offers a useful AHP guide for business executives and decision makers outside the operations research field

This book offers a simple introduction to the fundamentals and applications of the Analytic Hierarchy Process (AHP) without a pre-requisite for a sophisticated mathematical background. It provides a quick and intuitive understanding of the methodology using spreadsheet examples and explains in a step-by-step fashion how to use Super Decisions, a freely available software developed by the Creative Decisions Foundations. The book is intended to be a resource for decision makers with little or no exposure to the field of Operations Research (OR); however, the book can be used as a very gentle introduction to the AHP methodology and/or as an AHP hands-on supplement for standard OR textbooks. AHP is an intuitive and mathematically simple methodology in the field of multi-criteria decision making. Because of this, most AHP books assume the reader has basic OR mathematical background. However, AHP simplicity suggests that decision makers from all disciplines can take advantage of the methodology without struggling with the mathematics behind it. To fulfill this need, this book delivers a quick and practical understanding of the method that can be useful for corporate executives.

Order online at [springer.com](http://springer.com) ▶ or for the Americas call (toll free) 1-800-SPRINGER ▶ or email us at: [customerservice@springer.com](mailto:customerservice@springer.com). ▶ For outside the Americas call +49 (0) 6221-345-4301 ▶ or email us at: [customerservice@springer.com](mailto:customerservice@springer.com).

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with \* include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with \*\* include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted.