



A Quantitative Approach to Decision-Making

Nick L. Aduana

MANAGEMENT SCIENCE | A Quantitative Approach to Decision-Making

Nick L. Aduana



C & E Publishing, Inc.
2021



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Publishing, Inc.**

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established in 1993, and is a
member of ABAP, PBA,
NBDB, and PEPA.

Management Science: A Quantitative Approach to Decision-Making
Published in 2021 by C & E Publishing, Inc.
839 EDSA, South Triangle, Quezon City
Tel. No.: (02) 8929-5088
E-mail: info@cebookshop.com

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Cataloguing in Publication Data

HD30. Aduana, Nick L., author.

28

.Ad91

2021

Management science: A quantitative approach to decision-
making/by Nick Aduana.—Quezon City, Philippines: C & E Publishing,
Inc., ©2021.

ix, 239 pages; 8 in x 10.25 in

Includes bibliographical references and index.

ISBN: 978-971-98-1333-0

1. Decision-making – Mathematical models. 2. Operations
research. I. Title.

Book Design: Nikita Mae L. De Pereira

Cover Design: Ruth Anne D. Ellorin

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THE BOOK

Management Science: A Quantitative Approach to Decision-Making simplifies quantitative concepts and principles by adopting a procedural approach, as illustrated by various cases throughout the book. This textbook is written with the scope and coverage of the CPA licensure examination carefully considered. Hence, it consists of nine chapters structured as follows. Chapter 1 introduces the need and the importance of having a better understanding of management science. Chapters 2 and 3 discuss the linear programming tools using the graphical and simplex methods. Chapter 4 presents the transportation and assignment models that are used in solving special linear programming problems. Chapter 5 describes the quantitative models used when making decisions with several alternatives under different decision environments. Chapters 6 and 7 explain the procedures and methods for solving a management problem using a network. Finally, Chapters 8 and 9 discuss the quantitative techniques used in handling inventories and sales volume levels.

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Published by:
C & E Publishing, Inc.
839 EDSA, South Triangle
Quezon City, Philippines
Tel. No.: (02) 8929-5088
E-mail: info@cebookshop.com
Website: www.cepublishing.com



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ISBN 978-971-98-1333-0



9 789719 813330

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Management Science

A Quantitative Approach to Decision-Making

21-070-1119-1

1496 12021 ADUANA