

# Neutrosophic Sets in Decision Analysis and Operations Research

Part of the Advances in Logistics, Operations, and Management Science Book Series

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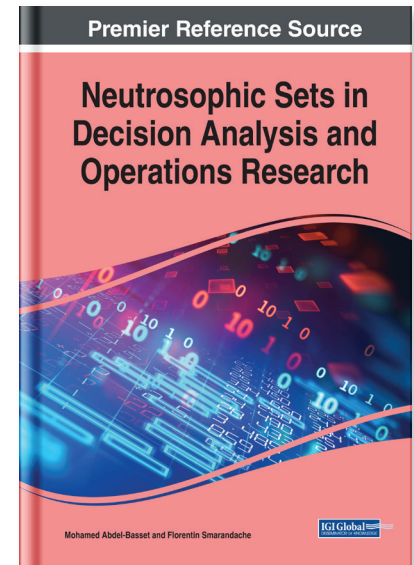
## Description:

In information technology, the concepts of cost, time, delivery, space, quality, durability, and price have gained greater importance in solving managerial decision-making problems in supply chain models, transportation problems, and inventory control problems.

Moreover, competition is becoming tougher in imprecise environments.

Neutrosophic sets and logic are gaining significant attention in solving real-life problems that involve uncertainty, impreciseness, vagueness, incompleteness, inconsistency, and indeterminacy.

**Neutrosophic Sets in Decision Analysis and Operations Research** is a critical, scholarly publication that examines various aspects of organizational research through mathematical equations and algorithms and presents neutrosophic theories and their applications in various optimization fields. Featuring a wide range of topics such as information retrieval, decision making, and matrices, this book is ideal for engineers, technicians, designers, mathematicians, practitioners of mathematics in economy and technology, scientists, academicians, professionals, managers, researchers, and students.



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## Topics Covered:

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- Communication Network
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- Information Retrieval
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- Neutrosophic Sets
- Python
- Relational Equations

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