

## Call for Book Chapters

in

### Modeling and Applications in Operations Research (Book Series: *Mathematical Engineering, Manufacturing, and Management Sciences*)

#### Topics to be Covered

- Operations Research
  - Optimization and their Applications
  - Fuzzy Optimization
  - Inventory Control
  - Stochastic Modeling
  - Optimal Control
  - Decision Theory
  - Reliability and Availability Analysis
  - Machine Repair Problem
  - Supply Chain Management
  - Models and Optimal Strategies Applicable in COVID-19
  - Optimization using Heuristics and Metaheuristics
- (But not limited to these topics only)

## ABOUT THE EDITORS



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## About The Book

This book covers multi-disciplinary real-time problems such as queueing and fuzzy optimization, optimization of transportation problems, inventory control with dynamic pricing, time-table problem with ant colony optimization, Knapsack problem, Markovian modeling using the nature-inspired algorithm, multi-objective fuzzy linear programming, etc.

The proposed book aims to present some latest output of contemporary research work in the above mentioned fields. The models presented in this book aim to sensitize the recent age researchers to model the real-life problems, develop algorithms and execute the algorithms to obtain the optimal solution efficiently. The presented models not only serve the purpose of finding the optimal solutions to the discussed problems but also cover the analogous models, which come into the purview of the general subject area. The scope of all the chapters in this book is not restricted to a limited field of research (except the theoretical and analytical aspects), rather has the merit of applying a wide range of optimization problems.

## Submission Procedure

**Last Date of Full Chapter Submission:**

**August 15, 2022**

(Submit at [editor.maor2022@gmail.com](mailto:editor.maor2022@gmail.com))

**Publication Date (Tentative): April, 2023**

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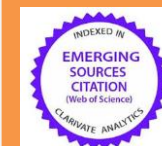
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The book may be indexed in



**Note: There is no publication charge.**