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Editors

Modeling and Simulation in Industrial Engineering

 Springer

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Preface

Modeling and Simulation is arguably one of the most multidimensional topics that can face an industrial engineering nowadays. Modeling and simulation techniques contribute to simplification and economic favoring of the strategy, realization, and tests in industrial engineering. It can also be one of the most important to an organization, regardless of the industry. Reliability, quality, safety, and productivity are all affected by modeling and simulation, whether the issues occur in the office, on the industry floor, or in a warehouse.

The main aim of the book is to give theoretical as well as practical information about modeling and simulation in industrial engineering. This book “Modeling and Simulation in Industrial Engineering” gripped on a comprehensive range of modeling and simulations in industrial engineering areas for different tasks not only in a particular field. Several tools, techniques, and strategies in industrial engineering applications will be discussed in the book.

Dehradun, India
Aveiro, Portugal

Mangey Ram
J. Paulo Davim

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Contents

Optimization of Forming Processes for Gelled Propellant Manufacturing	1
J. Martínez-Pastor, Patricio Franco, Domingo Moratilla and Pedro J. Lopez-Garcia	
Random Excitation Technique for Measurement of Acoustic Properties	29
Gaurav Sharma and Arpan Gupta	
Optimal Inspection Intervals for Multi-One-Shot Systems	57
Li Liu, Young Jin Han, Ha Won Kim and Won Young Yun	
Industrial System Performance Under Multistate Failures with Standby Mode	85
Amit Kumar, Mangey Ram, Sangeeta Pant and Anuj Kumar	
An Insight into the Coanda Flow Through Mathematical Modeling	101
Maharshi Subhash, Michele Trancossi and José Páscoa	
Preliminary CDF Assessment of an Innovative Propelled Wing with Enhanced Performances by Coanda Effect	115
Michele Trancossi and Maharshi Subhash	
Stochastic Modeling in Industry and Management	131
Aliakbar Montazer Haghighi and Dimitar P. Mishev	
A Study on Optimal Preventive Maintenance Policies for Cumulative Damage Models	179
Naoto Kaio	

**Elevator System Analysis in Deliberation of Dependability,
Cost Under Coverage, and Copula Approaches** 189
Nupur Goyal, Akshat Tandon, Anshumaan Saxena, Mangey Ram
and J. Paulo Davim

Index 215

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