

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.

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