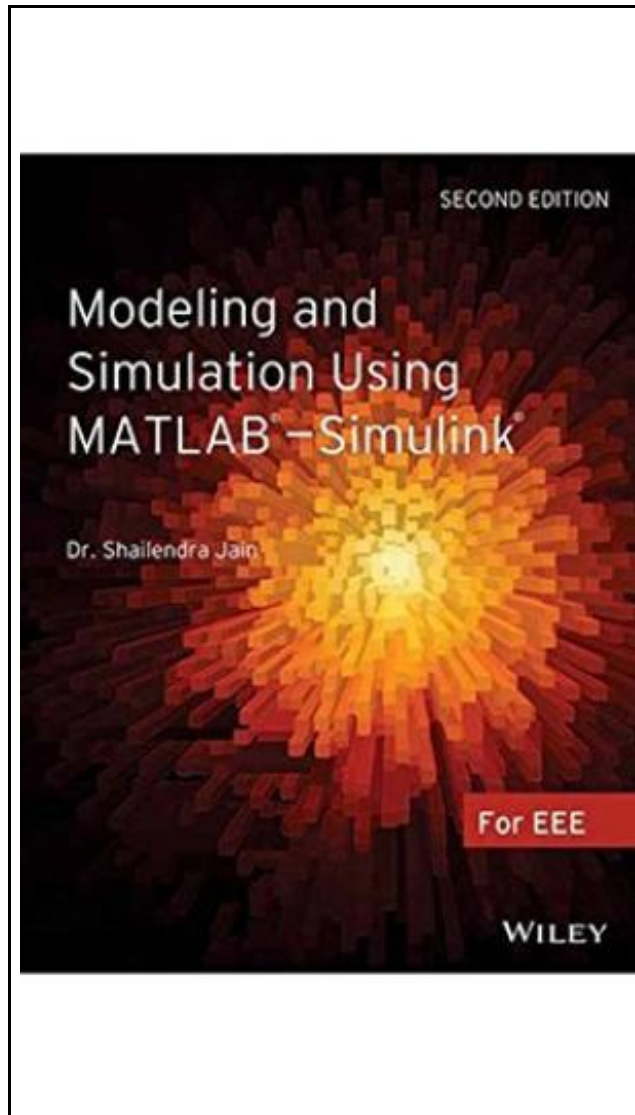


Modeling and Simulation Using MATLAB-Simuling (Second Edition)



Filesize: 2.33 MB

Reviews

A whole new eBook with a brand new point of view. It is definitely simplistic but shocks in the 50 percent of the publication. I am just pleased to explain how this is the greatest ebook i have read during my very own daily life and could be he best ebook for possibly.

(Mitchell Kuhn III)

MODELING AND SIMULATION USING MATLAB-SIMULING (SECOND EDITION)



Wiley India Pvt. Ltd, 2015. Softcover. Book Condition: New. 2nd edition. The engineering profession has long been a pioneer in regard to integration of computers in the curriculum as well as teaching. Computing resources can be effectively incorporated into the subjects of electrical and electronics engineering. A brief review of current text-books from major publishers reveals that, to a large extent, the computer is now considered a support tool for the study of subjects. Development on the integration of the computing resources is now reflected in courses implemented at several universities and institutions.

Preface Preface to the First Edition

1 Simulation Mechanism and Simulation Tools

1.1 Virtual Experimentation

1.2 Simulation Mechanics

1.3 Exploring Simulation Tools

1.4 Advantages and Disadvantages of MATLAB

1.5 Scope of the Book

2 Introduction to MATLAB

2.1 Introduction

2.2 Starting and Ending MATLAB

2.3 MATLAB Desktop

2.4 Help Browser

2.5 Types of Files

2.6 MATLAB Search Path

2.7 Command Input Assistance

2.8 Exploring Function Browser

3 MATLAB Basics

3.1 Basic Arithmetic Operations

3.2 Variables and Arrays

3.3 Handling Arrays (Vectors and Matrix)

3.4 Some Useful Built-in Functions

3.5 Operators and Special Characters

3.6 Control Structures

3.7 Input/Output Commands

3.8 File Handling

4 Introduction to Plotting

4.1 Introduction

4.2 The plot Command

4.3 Formatting a Plot

4.4 Multiple Plots

4.5 Adding Legend to a Plot

4.6 Sub-Plots

4.7 Plotting Complex Data

4.8 Additional 2-D Plots

4.9 Plotting a Function

4.10 Three-Dimensional Plots

4.11 Formatting a Plot using the Plot Editor

4.12 Interactive Plotting Using Plotting Tools

5 Programming in MATLAB

5.1 Introduction

5.2 MATLAB Editor

5.3 MATLAB Programming

5.4 Debugging MATLAB Programs

5.5 MATLAB Debugger

5.6 Functions and Function Files

5.7 Differential Equation Solver

5.8 Calculus Functions using Symbolic Mathematics

5.9 Programming Examples

6 Basic Electrical and Networks Applications

6.1 Analysis of Electrical Networks

6.2 Network Theorems

6.3...



[Read Modeling and Simulation Using MATLAB-Simuling \(Second Edition\) Online](#)



[Download PDF Modeling and Simulation Using MATLAB-Simuling \(Second Edition\)](#)

Other PDFs



Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home

Random House USA Inc, United States, 2009. Paperback. Book Condition: New. 2nd. 229 x 185 mm. Language: English . Brand New Book. Provide a solid education at home without breaking the bank. Introduced in 2000,...

[Download ePub »](#)



Froebel s Occupations

Theclassics.Us, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually...

[Download ePub »](#)



Forest Fairytale Knits

Paperback. Book Condition: New. Not Signed; Stephanie Dosen has quickly gained iconic status among knitters: her patterns readily sell out online, and she has been given feature coverage in both mainstream and knitting magazines, including...

[Download ePub »](#)



The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds

Anness Publishing. Paperback. Book Condition: new. BRAND NEW, The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds, Nicola Baxter, Geoff Ball, This is a super-size first reading book for 3-5 year...

[Download ePub »](#)



Comic Maths: Sue: Fantasy-Based Learning for 4, 5 and 6 Year Olds

The Captain Papadopoulos Publishing Company, United Kingdom, 2012. Paperback. Book Condition: New. Brian Williamson (illustrator). 276 x 214 mm. Language: English . Brand New Book ***** Print on Demand *****.Comic Maths: Sue (Key Stage 1,...

[Download ePub »](#)