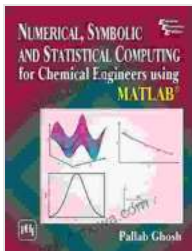


Numerical, Symbolic, and Statistical Computing for Chemical Engineers Using MATLAB

This book provides a comprehensive to numerical, symbolic, and statistical computing for chemical engineers using MATLAB. It is written in a clear and concise style, with plenty of examples and exercises to help students learn the material.

Numerical Computing

The first part of the book covers numerical computing. This includes topics such as:



NUMERICAL, SYMBOLIC AND STATISTICAL COMPUTING FOR CHEMICAL ENGINEERS USING

MATLAB by Gerald E Marsh

★★★★☆ 4.4 out of 5

Language : English
File size : 21544 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 556 pages



- Solving linear and nonlinear equations
- Approximating integrals and derivatives

- Solving differential equations
- Optimizing functions

Symbolic Computing

The second part of the book covers symbolic computing. This includes topics such as:

- Solving algebraic equations
- Simplifying expressions
- Integrating and differentiating functions
- Solving differential equations symbolically

Statistical Computing

The third part of the book covers statistical computing. This includes topics such as:

- Descriptive statistics
- Inferential statistics
- Regression analysis
- Analysis of variance

Benefits of Using MATLAB

MATLAB is a powerful software package that is ideal for numerical, symbolic, and statistical computing. It is:

- Easy to learn and use

- Versatile and can be used to solve a wide variety of problems
- Fast and efficient
- Well-documented and supported

Who Should Read This Book?

This book is ideal for:

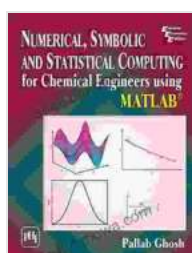
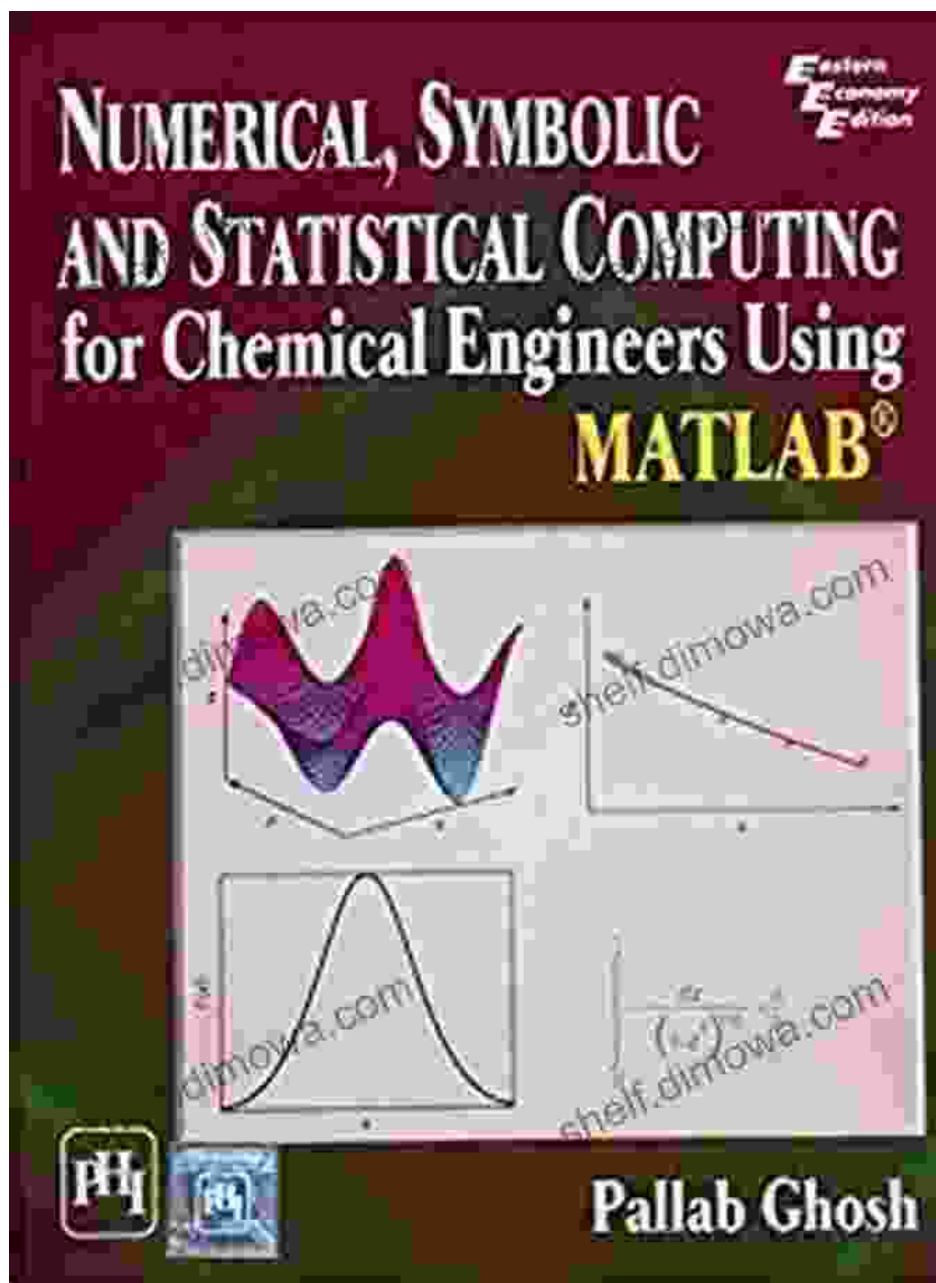
- Chemical engineering students
- Chemical engineers who want to learn more about numerical, symbolic, and statistical computing
- Anyone who wants to use MATLAB for scientific or engineering applications

Table of Contents

- 1.
2. Numerical Computing
3. Symbolic Computing
4. Statistical Computing
5. Appendix A: MATLAB Tutorial
6. Appendix B: Answers to Selected Exercises

Free Download Your Copy Today!

Numerical, Symbolic, and Statistical Computing for Chemical Engineers Using MATLAB is available now from Our Book Library.com. [Click here to Free Download your copy today!](#)



NUMERICAL, SYMBOLIC AND STATISTICAL COMPUTING FOR CHEMICAL ENGINEERS USING

MATLAB by Gerald E Marsh

★★★★☆ 4.4 out of 5

Language : English
File size : 21544 KB
Text-to-Speech : Enabled
Screen Reader : Supported

Enhanced typesetting : Enabled

Print length : 556 pages

FREE

DOWNLOAD E-BOOK



Uncover the Secrets of Cinematic Storytelling with "Knew The Poetic Screenplay Sanders"

Embark on a Transformative Journey into the Art of Screenwriting
Immerse yourself in the captivating world of screenwriting with "Knew The Poetic Screenplay Sanders," a...



Abdus Salam: The First Muslim Nobel Scientist

In the annals of scientific history, few names shine as brightly as that of Abdus Salam. Born in Jhang, Pakistan in 1926,...