Matlab: A Practical Introduction to Programming and Problem Solving

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MATLAB: A Practical Introduction to Programming and Problem Solving, Fourth Edition, has been updated to reflect the functionality of the current version of MATLAB, including the new H2 Graphics system. It features new and revised end-of-chapter exercises, more engineering applications to help the reader learn this software tool in context, and a new section on object-oriented programming in MATLAB. MATLAB has become the standard software tool for solving scientific and engineering problems due to its powerful built-in functions and its ability to program.

Assuming no knowledge of programming, this book guides the reader both programming and built-in functions to easily exploit MATLAB's extensive capabilities for tackling engineering problems. The book starts with programming concepts, such as variables, assignments, and selection statements, moves on to loops, and then solves problems using both the programming concept and the power of MATLAB. In-depth coverage is given to input/output, a topic fundamental to many engineering applications.

- Presents programming concepts and MATLAB built-in functions side-by-side
- Offers a systematic, step-by-step approach, building on concepts throughout the book and facilitating easier learning
- Includes sections on common pitfalls and programming guidelines to direct students toward best practices
- Combines basic programming concepts, built-in functions, and advanced topics for problem solving with MATLAB to make this book uniquely suitable for a wide range of courses teaching or using MATLAB across the curriculum

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The ability that you get from Matlab: A Practical Introduction to Programming and Problem Solving will be the more deep you searching the information that hide inside the words the more you get thinking about reading it. It does not mean that this book is hard to comprehend but Matlab: A Practical Introduction to Programming and Problem Solving giving you enjoyment feeling of reading. The article writer conveys their point in certain way that can be understood simply by anyone who read this because the author of this guide is well-known enough. This particular book also makes your current vocabulary increase well. It is therefore easy to understand then can go along, both in printed or e-book style are available. We highly recommend you for having this particular Matlab: A Practical Introduction to Programming and Problem Solving instantly.

Romana Linder:

Reading a book tends to be new life style in this particular era globalization. With looking at you can get a lot of information that will give you benefit in your life. Together with book everyone in this world can easily share their idea. Textbooks can also inspire a lot of people. Many author can inspire all their reader with their story or perhaps their experience. Not only the story that share in the publications. But also they write about advantage about something that you need instance. How to get the good score toefl, or how to teach your children, there are many kinds of book that exist now. The authors nowadays always try to improve their expertise in writing, they also doing some research before they write for their book. One of them is this Matlab: A Practical Introduction to Programming and Problem Solving.

Dale Randolph:

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