



Matlab: A Practical Introduction to Programming and Problem Solving

Stormy Attaway Ph.D. Boston University

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Matlab: A Practical Introduction to Programming and Problem Solving discusses the basic programming concepts and skills needed for problem solving using MATLAB software. The book differs from other texts in that it teaches programming concepts and the use of the built-in functions in MATLAB simultaneously. Starting with basic programming concepts, such as variables, assignments, input/output, selection, and loop statements, problems are introduced and solved throughout the book.

The book is organized into two parts. Part I covers the programming constructs and demonstrates programming versus efficient use of built-in functions to solve problems. Part II discusses the applications, including plotting, image processing, and mathematics, needed in basic problem solving. The chapters feature sections called “Quick Question!” as well as practice problems designed to test knowledge about the material covered. Problems are solved using both “The Programming Concept” and “The Efficient Method,” which facilitates understanding the efficient ways of using MATLAB, and also the programming concepts used in these efficient functions and operators.

- * Presents programming concepts and MATLAB built-in functions side-by-side, giving students the ability to program efficiently and exploit the power of MATLAB to solve problems.
- * In depth coverage of file input/output, a topic essential for many engineering applications
- * Systematic, step-by-step approach, building on concepts throughout the book, facilitating easier learning
- * Sections on ‘common pitfalls’ and ‘programming guidelines’ direct students towards best practice

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Typically the book Matlab: A Practical Introduction to Programming and Problem Solving will bring someone to the new experience of reading a new book. The author style to spell out the idea is very unique. If you try to find new book to study, this book very ideal to you. The book Matlab: A Practical Introduction to Programming and Problem Solving is much recommended to you you just read. You can also get the e-book through the official web site, so you can quicker to read the book.

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Reading a guide tends to be new life style with this era globalization. With looking at you can get a lot of information that may give you benefit in your life. Using book everyone in this world may share their idea. Textbooks can also inspire a lot of people. Plenty of author can inspire all their reader with their story or maybe their experience. Not only situation that share in the textbooks. But also they write about the knowledge about something that you need case in point. How to get the good score toefl, or how to teach your kids, there are many kinds of book that exist now. The authors on earth always try to improve their proficiency in writing, they also doing some study before they write with their book. One of them is this Matlab: A Practical Introduction to Programming and Problem Solving.

Awilda Kell:

A lot of people always spent their own free time to vacation as well as go to the outside with them loved ones or their friend. Were you aware? Many a lot of people spent they will free time just watching TV, or maybe playing video games all day long. If you would like try to find a new activity here is look different you can read any book. It is really fun in your case. If you enjoy the book that you simply read you can spent all day long to reading a reserve. The book Matlab: A Practical Introduction to Programming and Problem Solving it is rather good to read. There are a lot of folks that recommended this book. These people were enjoying reading this book. In the event you did not have enough space to bring this book you can buy the particular e-book. You can m0ore very easily to read this book from your smart phone. The price is not too costly but this book has high quality.

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