Matlab : a practical introduction to programming and problem solving / Stormy Attaway

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Abstrak

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 through 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.
The third edition of MATLAB: A Practical Introduction to Programming and Problem Solving has been updated to reflect the functionality of the current version of MATLAB. It features new and revised end-of-chapter exercises, stronger coverage of loops and vectorizing, and more engineering applications to help the reader learn this software tool in context.