

MATLAB Language

1- Definition of the program

- A. Open and close the program
- B. Program windows
- C. Use some commands in the menu bars

2- Know the variables and constants

3- Definition of matrices

4- Operations with matrices

- A. Addition
- B. Subtraction
- C. Multiplication
- D. Division

5- Drawing using MATLAB

6- Repeating and controlling phrases

- A. For
- B. While
- C. If
- D. Break

7- Functions and formulas

- A. Built-in functions
- B. Special mathematic functions
- C. Functions of defined by the user

8- Numerical analysis using MATLAB

- A. Finding the roots of an equation
- B. Solve the system of linear equations
- C. Solving numerical differential equations