MATLAB

Tutorial 5

Exercise 1

- **Exercise 1**

- Linear system of equations.
- Solve the following system of equations

$$3a + 6b + 4c = 1$$

$$a + 5b = 2$$

$$7b + 7c = 3$$

Exercise 2

- **Exercise 2**

- Find out all solutions f(x)=0.
  Where

$$f(x) = \cos(e^x) + x^2 - 3x$$

Exercise 3

- **Exercise 3**

- For the vector **x(1:N**) create **N** random variables **y**

  Fit set of pairs (x,y) using several different degree polynomials. Plot everything simultaneously in one figure.