Solution of nonlinear equations and systems.

The objectives of the task: Strengthen the skills of finding the roots of the polynomials.

Task Requirements: Find the roots of polynomials.

Instructions for performing:

    1. Find roots of polinomals with help graphs. - 1 point

    2. Find roots of polinomals with used command **fsolve**. - 1.5 points

    3. Available Comments - 0.5 points

Maximum evaluation are **3 points**

Variants of tasks.

1.
$$1, 1x^4 - x - 0, 9 = 0$$
$$x^3 + x - 4 = 0$$

2.
$$2x^4 - x - 1, 5 = 0$$
$$3x^3 - 5x^2 + 9x - 10 = 0$$

3.
$$2x^4 - 9, 25x^2 - 63x + 5 = 0$$
$$3x^3 - 21x + 2 = 0$$

4.
$$0, 9x^4 + 4, 2x^3 - 8, 5x^2 - 13 = 0$$
$$5x^3 + 13x - 11 = 0$$

5.
$$3x^4 + 4x^3 - 12x^2 - 5 = 0$$
$$x^3 + 2x^2 + 2 = 0$$

6.
$$3, 2x^4 + 7, 75x^3 + 6, 3x^2 - 10, 5 = 0$$
$$2x^3 + 0, 48x^2 + 1, 6x - 2, 6 = 0$$

7.
$$2x^4 - 3x^2 - 5 = 0$$
$$2x^3 - 0, 52x^2 + 5, 4x - 7, 4 = 0$$

8.
$$1, 05x^4 - 17x^2 + 6 = 0$$
$$2x^3 - 0, 35x^2 + 0, 85x + 1 = 0$$

9.
$$3, 25x^4 + 7, 67x^3 + 5x^2 - 11 = 0$$
$$2x^3 + 5x^2 + 11x + 7 = 0$$

10.
$$2, 2x^4 - 1, 2x^2 - 11 = 0$$
$$3x^3 - 0, 42x^2 + 0, 95x - 2 = 0$$

11.
$$-x^4 - 18x^2 + 6 = 0$$
$$2x^3 - 0, 08x^2 + 0, 94x + 1, 3 = 0$$

12.
$$-1, 21x^4 + x^3 + 2x^2 - 3x - 5 = 0$$
$$3x^3 - 13x^2 + 16x - 15 = 0$$

13.
$$0, 89x^4 + 3, 67x^3 - 7, 92x^2 - 13 = 0$$
$$2x^3 - 0, 35x^2 + 0, 47x - 1, 43 = 0$$

14.
$$6x^4 + 8x^3 - 23x^2 + 2, 1 = 0$$
$$5x^3 + 20x^2 + 5x + 8 = 0$$

15.
$$2x^4 - 2x^3 - 4x^2 + 6x - 7 = 0$$
$$1, 9x^3 + 7x - 11 = 0$$

You need to create a script file with graphic solution and enter few commands in the command window and get the numerical solution. Make a scan command window with the resulting solution. Send me the script file and the scan of command window with the solution

Criteria for evaluation: Available Comments, no mistakes.