Построить график и найти корни уравнения

№ п/п	Уравнение $f(x) = 0$	Отрезок [a; b]
1	$x arctg - 1 = 0$	[1.0; $\sqrt{3}$]
2	$e^{x-2} - \ln(x+2) = 0$	[2.0; 3.0]
3	$x^3 - 9x^2 + 5x - 6 = 0$	[8.0; 9.0]
4	$e^x - \frac{1}{x} - 1 = 0$	[0.5; 1.0]
5	$arctg 2x - \frac{1}{1+x} = 0$	[0.0; 1.0]
6	$e^x - \ln x - 20 = 0$	[3.0; 3.2]
7	$\sqrt{x} - tgx(1-x) = 0$	[0.0; 1.0]
8	$\sin\sqrt{x} - \cos\sqrt{x} + 2\sqrt{x} = 0$	[0.0; 0.2]
9	$x^4 + 2x^3 - x - 1 = 0$	[0.8; 1.0]
10	$x^3 - e^{4x} - 5.5 = 0$	[2.6; 3.0]
11	$x^6 - 3x^2 + x - 1 = 0$	[1.0; 1.5]
12	$\sqrt[3]{5-x} - x = 0$	[1.0; 2.0]
13	$x^2 - \ln x = 0$	[0.0; 1.0]
14	$x^2 - \cos x = 0$	[0.0; 1.0]
15	$\ln x - arctgx = 0$	[3.0; 4.0]
16	$x^2 arctgx - 1 = 0$	[1.0; 1.2]
17	$x^2 + \ln x - 4 = 0$	[1.0; 2.0]
18	$x - arctg\sqrt[3]{x} = 0$	[0.0; 1.0]
19	$x^2 - e^x - 2 = 0$	[-0.2; -0.1]
20	$x^2 - \ln(x+1) = 0$	[0.1; 0.9]
21	$x^5 - x - 2 = 0$	[1.0; 1.4]
22	$x - 2 - \sqrt[4]{x} = 0$	[3.0; 4.0]
23	$x - tgx = 0$	[0.0; 1.5]
24	$x + \ln x - 0.5 = 0$	[0.0; 1.0]
25	$\ln x + \sqrt{x} = 0$	[0.1; 1.0]
26	$\sqrt{x} - \cos\sqrt{x} = 0$	[0.4; 0.6]
27	$x^2 - \ln(1+x^2) - 9.75 = 0$	[3.0; 4.0]
28	$x + \sqrt[3]{x} - 6.09 = 0$	[4.0; 5.0]
29	$x^3 - \sqrt[3]{x} - 9.5 = 0$	[2.0; 3.0]
30	$\arccos 2x - x^2 - 0.35 = 0$	[0.0; 0.48]