```
x = np.linspace(x1, x2, n)
plt.plot(x, f(x), 'r-', linewidth=2)
font = {'family': 'serif', 'color': 'blue', 'weight': 'normal', 'size': 16}
plt.title('Test for roots', fontdict=font)
plt.xlabel('x', fontdict=font)
plt.ylabel('f(x)', fontdict=font)
plt.ylabel('f(x)', fontdict=font)
plt.show()
                                           Простейшие пользовательские модули
"""
                                                                                                                                                                                                                                                          return (x-1.5)*(x+1.1)*(x-2.2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               r = a2.bisection(f, xx1, xx2, eps)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                plt.subplot(2, 1, 1)
plt.plot(x, y1, 'yo-')
plt.title('A tale of 2 subplots')
plt.xlabel('x')
                                                                                                       import mod_al as al
import mod_a2 as a2
import numpy as np
import matplotlib.pyplot as plt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               #########################
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           x = np.linspace(x1, x2, 101)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    y1 = a1.fun2(x)y2 = a1.fun3(1, x)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     temp = a2.info(r)
# coding: cp1251
"""
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  xx1 = 1.0

xx2 = 1.7

eps = 1.e-5
                                                                                                                                                                                                                                                                                                    x1 = -1.2
x2 = +2.3
                                                                                                                                                                                                                                       def f(x):
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        x1 = 0.0
x2 = 6.0
                                                                                                                                                                                                                                                                                                                                             n = 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                n = 101
```

```
plt.ylabel('y1(x)')
plt.subplot(2, 1, 2)
plt.plot(x, y2, 'r.-')
plt.xlabel('x')
plt.ylabel('y2(x)')
plt.show()
```