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gb_python - math_1.py

1 import numpy as np
2 import matplotlib.pyplot as plt
3
4 k1 = 1
5 k2 = 4
6
7 x = lambda x, k: np.cos(k*x)
8
9 fig = plt.subplots()
10
11 x = np.linspace(-3, 3, 100)
12
13 plt.plot(x, y(x, k1))
14 plt.plot(x, y(x, k2))
15
16 plt.show()
17
```

math\_1.py

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math\_1

Run:  $x=1.38$   $y=0.414$

/Users/yurybandarenka/work/geekbrains/git/gb\_python/math\_1.py