代码

import math  
import numpy as np  
import matplotlib.pyplot as plt  
  
  
def f(z):  
 return 1 / (1 + math.e \*\* (-z))  
  
  
x = np.linspace(-10, 10, 20)  
plt.figure(num=3, figsize=(10, 5))  
plt.plot(x,f(x),color='blue')  
  
plt.xlim(-10,10)  
plt.xlabel('z')  
plt.ylabel('f(z)')  
  
plt.show()

图像

