Untitled

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```
In [2]: import numpy as np
        import matplotlib.pyplot as plt
        import sys
        import math

        t = 0
        x = np.linspace(-4, 4, 100)
        f = np.exp(-(x - 3 * t) ** 2) * np.sin(3 * math.pi * (x - t))

        plt.plot(x, f)
        plt.xlabel = 'x'
        plt.ylabel = 'f'
        plt.show()
```