essai

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1 This is a test

In [1]:
```
import matplotlib.pyplot as plt
import numpy as np
from IPython.display import Image,HTML,YouTubeVideo,SVG
```

In [2]:
```
x = np.linspace(-5,5,100)
```

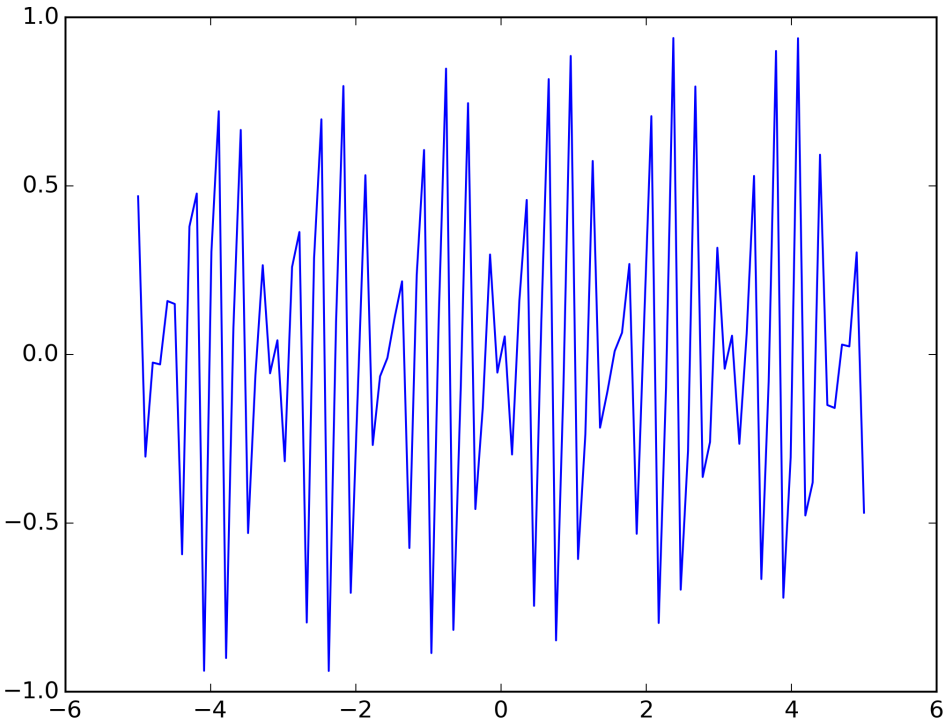
In [3]:
```
y = np.sin(2*x)*np.cos(20*x)
```

In [4]:
```
plt.plot(x,y)
plt.savefig('fig1.png',dpi=300)
```

$$E = mc^2$$

In [5]:
```
Image('fig1.png')
```

Out[5]:



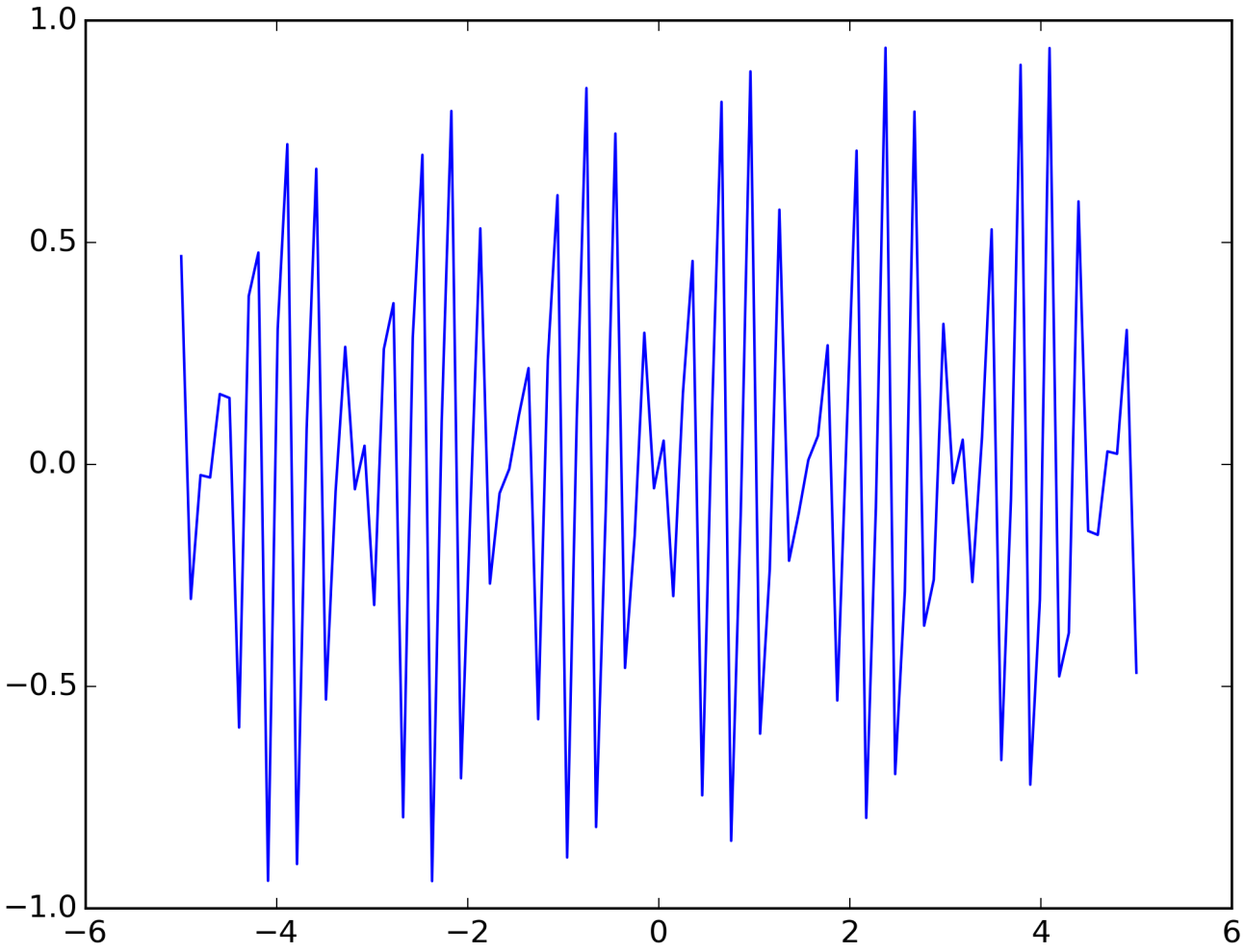


Figure 1: Ma figure

In [6]: