

test

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## 1 Hello, world!

This is our hello world notebook!

```
In []: print("Hello world!")
```

Here we continue with some formula

$$f(x) = \sin(\pi x), \tag{1}$$

which we would like to plot

```
In []: %matplotlib inline
import matplotlib as mpl
import matplotlib.pyplot as plt
import numpy as np
```

```
In []: x = np.linspace(0., 2.)
plt.plot(x, np.sin(np.pi * x))
plt.show()
```

This is the end of the file.