Quarto Basics

For a demonstration of a line plot on a polar axis, see Figure 1.

```python
import numpy as np
import matplotlib.pyplot as plt

r = np.arange(0, 2, 0.01)
theta = 2 * np.pi * r
fig, ax = plt.subplots(
  subplot_kw = {'projection': 'polar'}
)
ax.plot(theta, r)
ax.set_rticks([0.5, 1, 1.5, 2])
ax.grid(True)
plt.show()
```
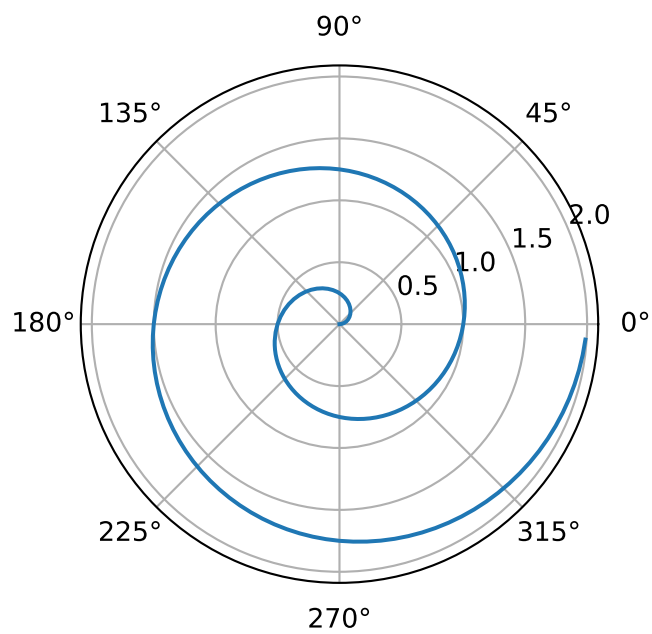
Figure 1: A line plot on a polar axis

$$\frac{1}{2} \int x dx = \frac{1}{4} x^2$$