Code-journal8

February 8, 2024

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

[ ]:
```
n = 100
x = np.linspace(0,1,n)
y1 = np.sin(x)
y2 = np.cos(x)
```

[ ]:
```
figure,axes = plt.subplots(1,2)

axes[0].plot(x,y1)
axes[0].set_xlabel('x')
axes[0].set_ylabel('sin(x)')
axes[0].set_title(r'$\sin(x)$')

axes[1].plot(x,y2)
axes[1].set_xlabel('x')
axes[1].set_ylabel('cos(x)')
axes[1].set_title(r'$\cos(x)$')

plt.savefig('sinx.png',bbox_inches='tight',dpi=600)
plt.show()
```

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```

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