

1 tikzplotlib

Use matplotlib to generate PGF/TikZ plots in L^AT_EX.
<https://github.com/nschloe/tikzplotlib>

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

plt.style.use("bmh")

t = np.arange(0.0, np.pi, 0.1)
s = np.sin(2 * np.pi * t)
s2 = np.cos(np.pi * t)
plt.plot(t, s, "o-", lw=4.1)
plt.plot(t, s2, "o-", lw=4.1)
plt.xlabel("time (s)")
plt.ylabel("Voltage (mV)")
plt.title("Simple plot  $\frac{\alpha}{2}$ ")
plt.grid(True)

import tikzplotlib

tikzplotlib.clean_figure()
tikzplotlib.save("plot1.tex")

plt.style.available
```

