

1 Figures

Including the following line in your preamble

```
\DeclareGraphicsExtensions{.png, .jpg, .pdf}
```

you tell tex to check for graphics in that order. In other words, by not supplying an extension to `\includegraphics{./figname}`, tex will automatically choose .png before .pdf or .tikz. You can later change the priority order if you want.

A second or additional, alternative is to order your graphics into different folders. `./figs/pdf/`, `./figs/pgf/`, `./figs/png/`, `./figs/tikz/`, and add to your preamble

```
\graphicspath{{./figs/pics/}{./figs/pdf/}}
```

The code above will tell tex to look for figures in `./figs/pics/` and `./figs/pdf/`. You can then either supply

```
\includegraphics{some_fig}
```

which tex will look for in the mentioned folders, in prioritized format.

or

```
\includegraphics{absolute/path/to/figure.jpg}
```

2 TikZ externalize

The .tikz image was generated using the *externalize* option.

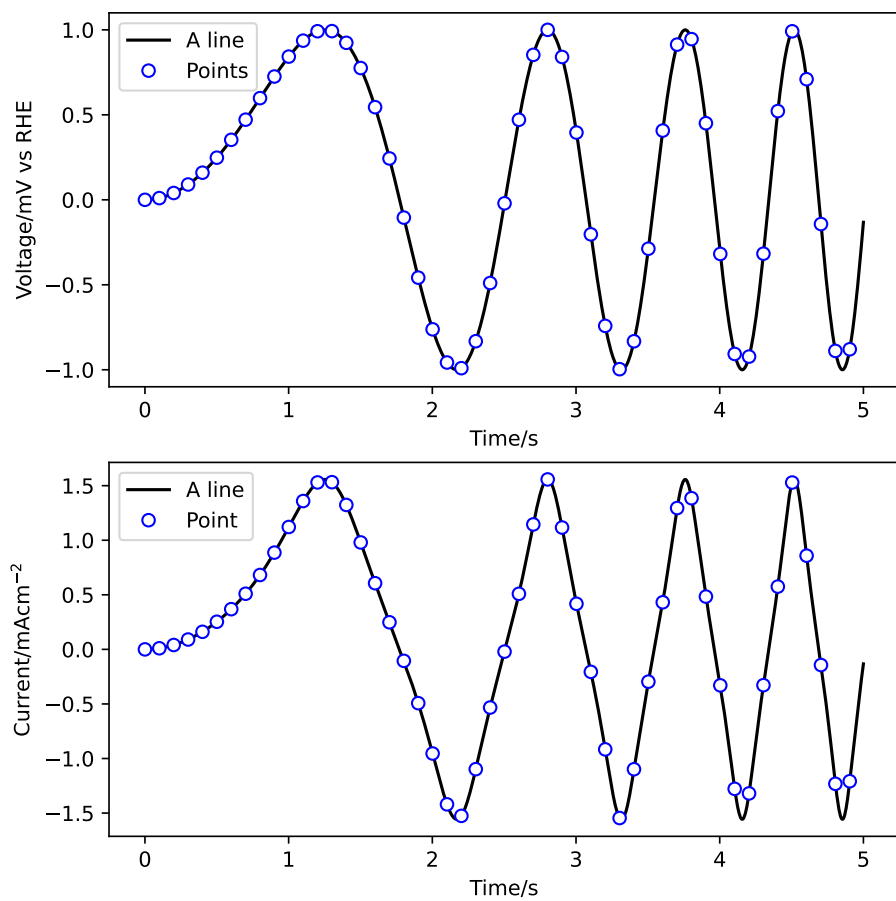
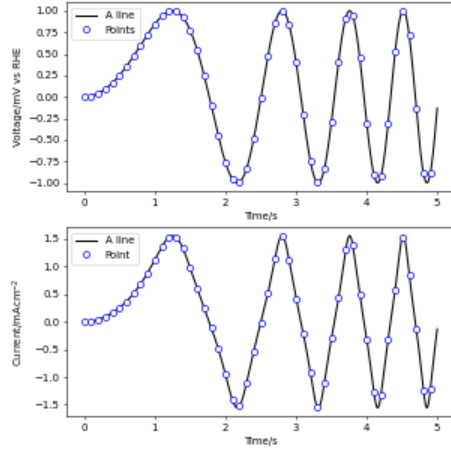
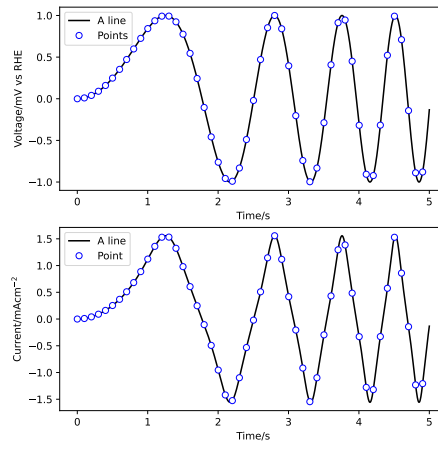


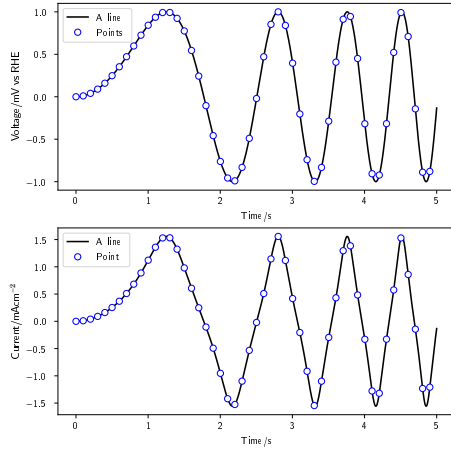
Figure 1: Figure example included without file extension



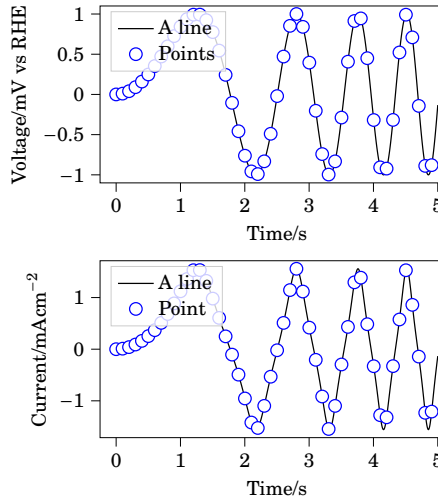
(a) .png



(b) .pdf



(c) .pgf



(d) .tikz

Figure 2: Figures included by specifying file extension.

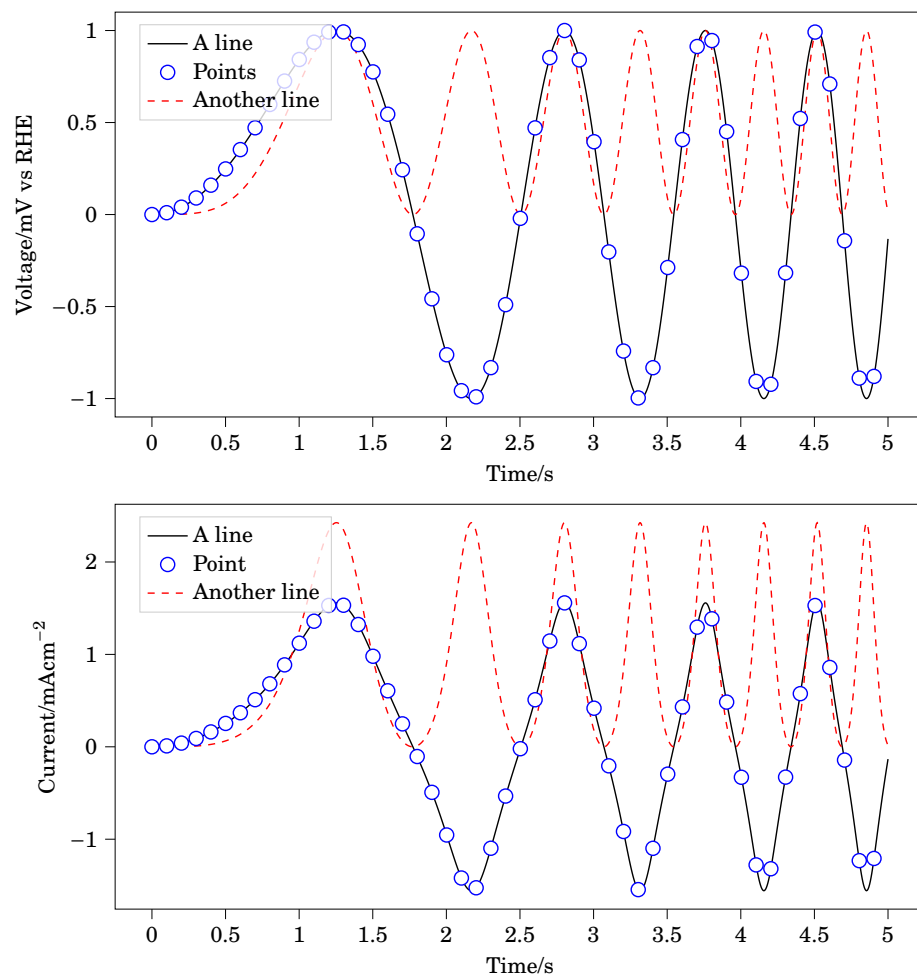


Figure 3: Same plot from tikzfile again