

# Gnuplot and LaTeX

Son To

June 6,2017

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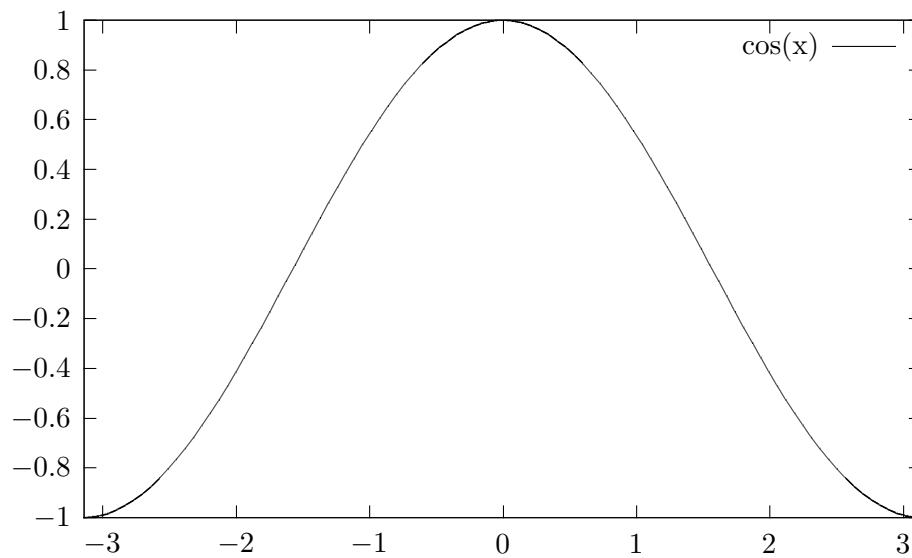


Figure 1: A basic gnuplot

## 1 Using gnuplot for LaTeX: A tutorial

Figure 1 is a basic plot, using with ‘set key’/‘unset key’ command to add/remove legends.

Figure 2 embellishes the plot.

Figure 3 has multiples curves on the same plot.

Figure 4 has the axis labeled in  $\pi$  and provides manual tic marks.

Figure 5 introduces an alternative form of figure 4, allowing us to specify the label and position of each tic individually.

A reference is in Figure 6

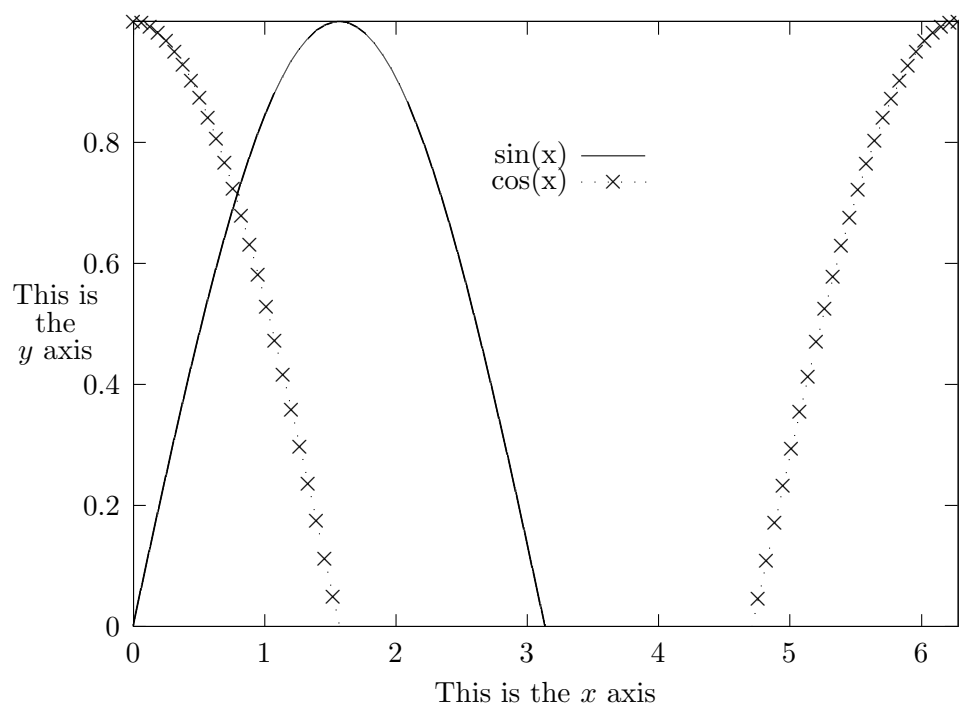


Figure 2: An embellished gnuplot

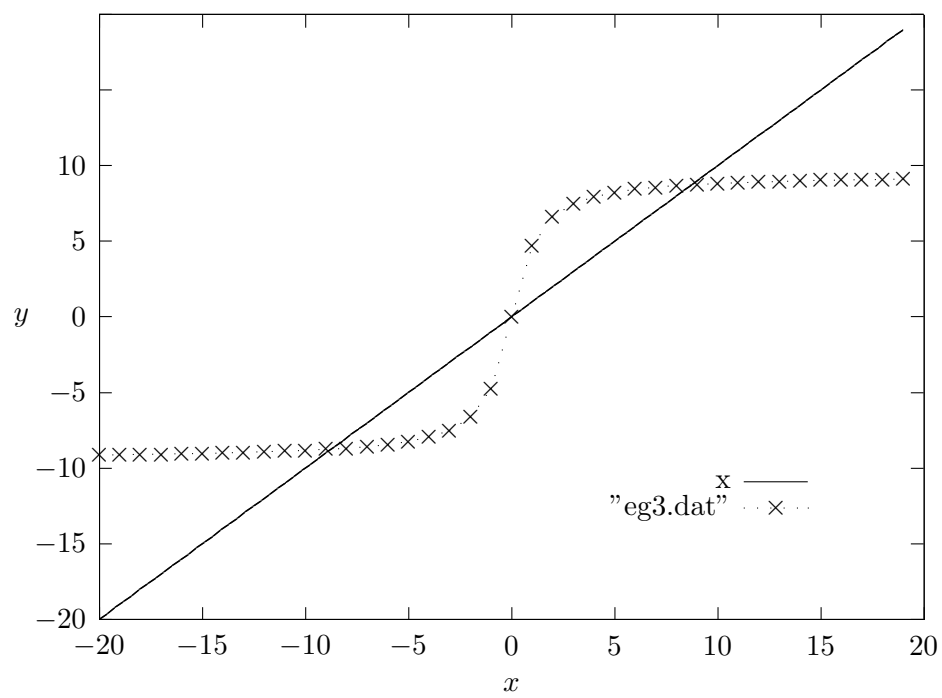


Figure 3: Another plot

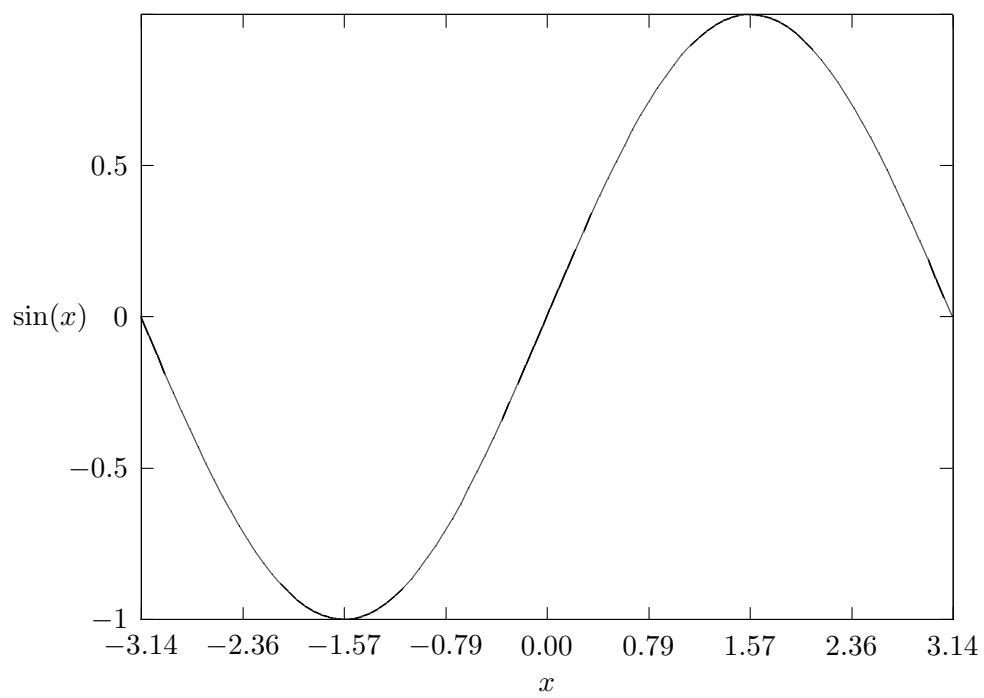


Figure 4: An example of the `set xtics` command.

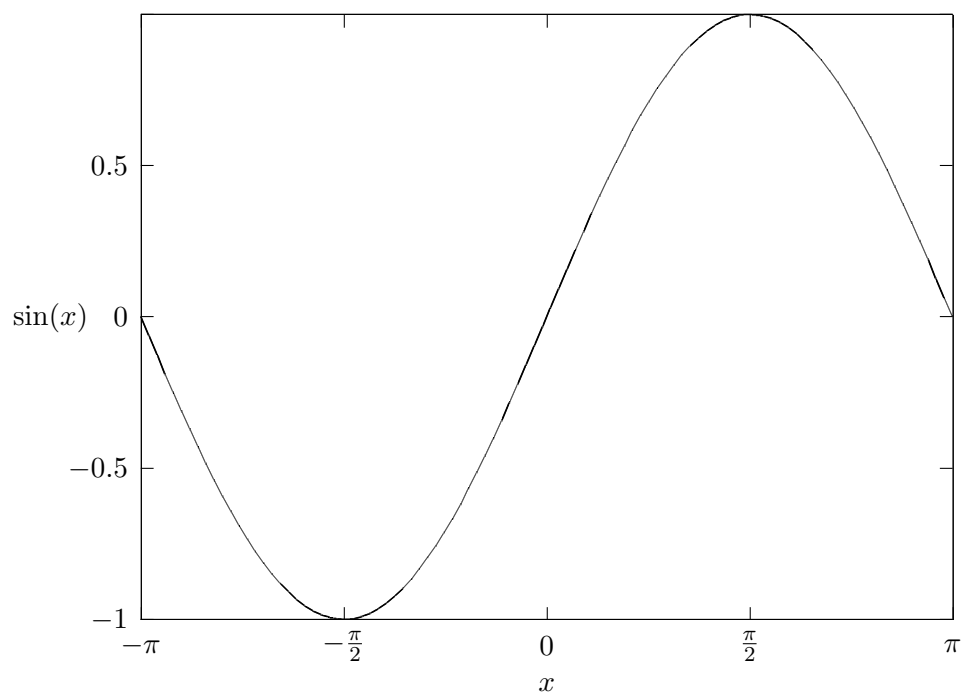


Figure 5: A refined version of figure 4

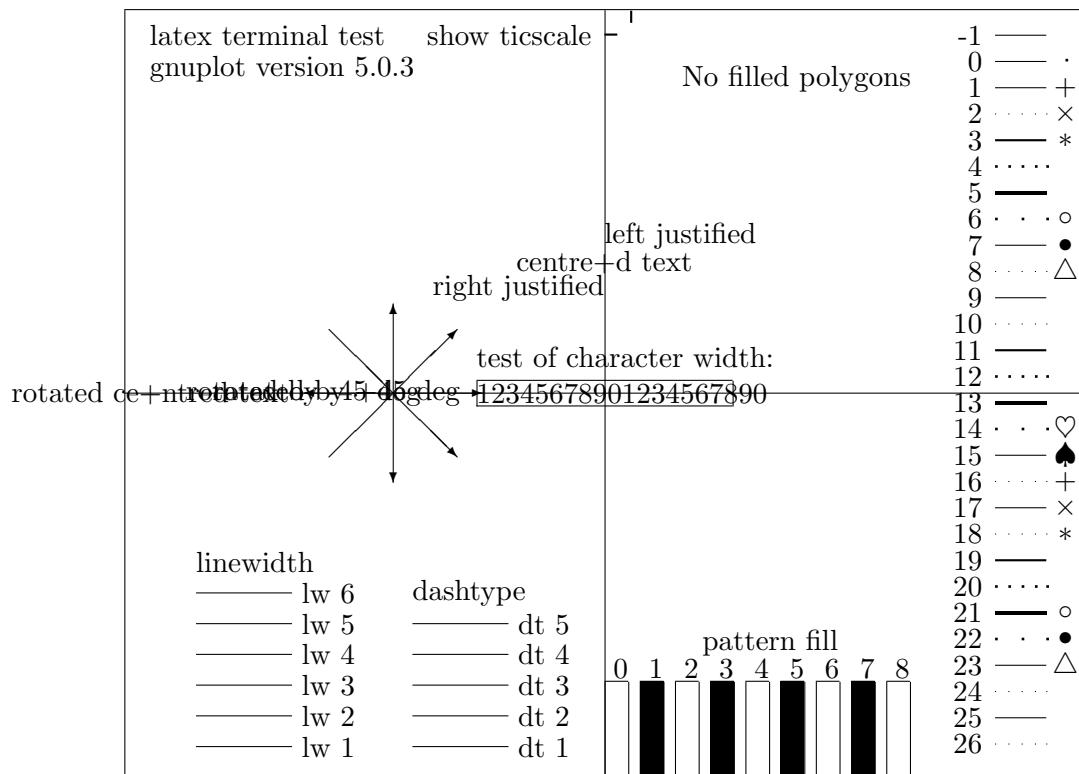


Figure 6: A reference figure