

More LaTeX Examples

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1 Citing

As discussed in the writing guide [1], citations should numbers in square brackets. This is what LaTeX does by default.

2 Monospace Font for Code

You can use the `texttt` command or the `verb` command to make inline monospace font. For a monospace block you can use a `verbatim` block.

```
for x in collection:
    print(x)
```

If you want to add line numbers or to use pseudocode there are several ways to do that, feel free to search around.

3 Figures

You can include images as figures. You can give each figure a reference name, and then when you want to refer to the figure you can use the reference name and LaTeX will automatically insert the figure number for you.

Figure 1 shows the first two periods of the sine function. If you look at the source file for this document, you will see that this figure has the label `sine`. Rather than writing **Figure 1** explicitly, we can write **Figure \ref{sine}** and LaTeX will handle converting the reference to a number for you. This way if you add and remove figures, you don't have to update the numbers yourself. Note that you have to compile the document twice for the reference to be created correctly.

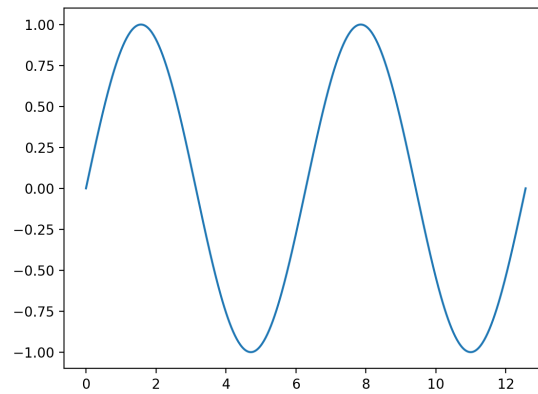


Figure 1: The first two periods of the sine function.

The image in Figure 1 is half the width of the text itself. This was achieved by setting the width to be `0.5\textwidth`.

References

- [1] N. Sommer. Writing in computer science. <http://csweb.wooster.edu/nsommer/cs200/writing-in-cs.html>, accessed 2021-03-26.