A little header
me
February 4, 2013

This is a sample to show how to incorporate graphs within a latex document the basic idea is to produce the graph in (Encapsulated) Postscript using `matlab` or `mathematica`, and the import it here. The formats `.ps` and `.eps` will work, but `.eps` is preferred. The `.dvi` file produced by LaTeX does not actually include the figures, but `xdvi` will usually render them. To actually include them, convert to postscript using `dvips`.

For this file to work properly, the file `lfig.eps` must be in the same directory. You can download it from the class web page. This file was created by `matlab`, using the "Export…" option on the "File" menu *of the Figure window*.

1 a section

This text was written before Figure 1, which we *request* appear right after it.

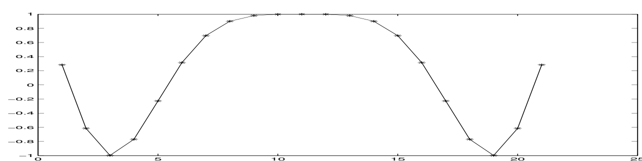

Figure 1: adjusts the figure width and height

Then we have more text, and request Figure 2 appear at the top of a page.

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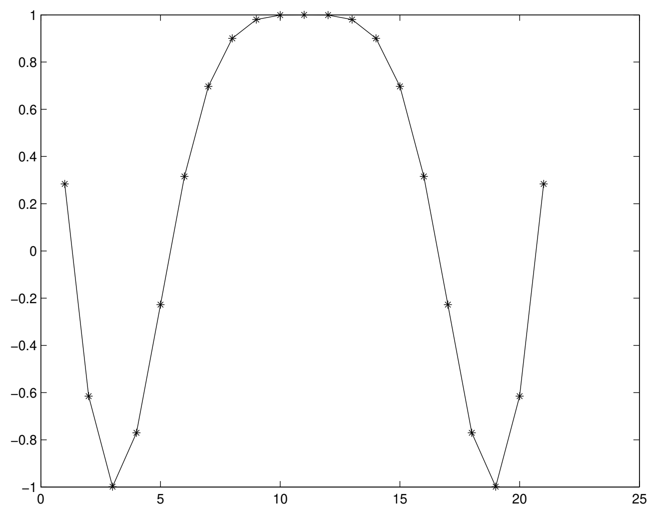

Figure 2: adjusts the figure width, letting the height change automatically

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You can alse do things like rotate and box (see Figure 3).

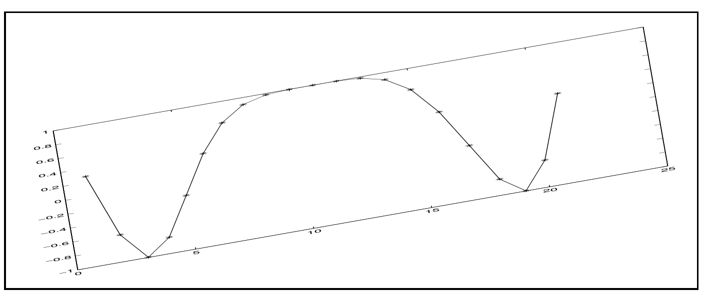

Figure 3: rotates

More text, and a big Figure 4, which we ask to go on a page with only figures.

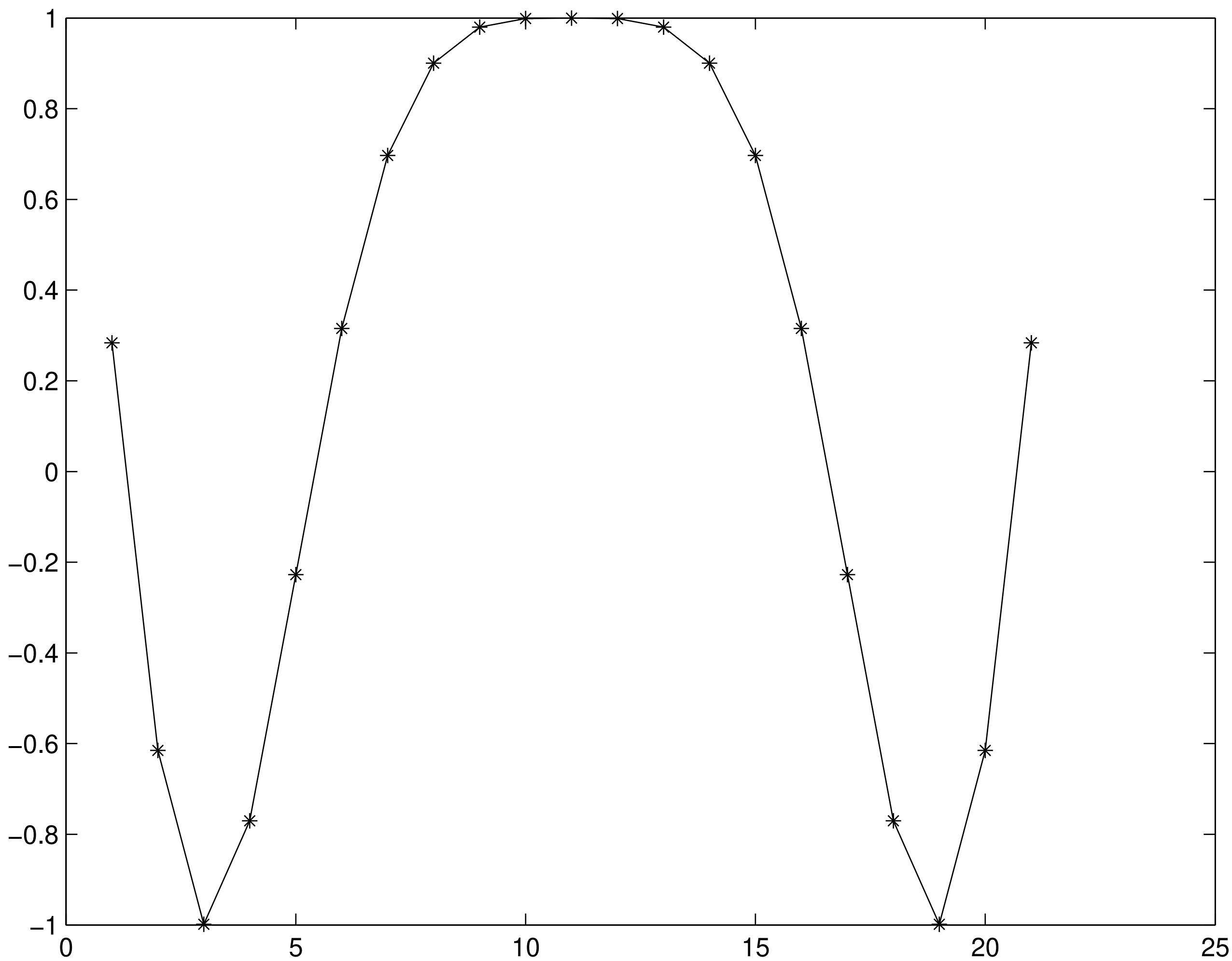

Figure 4: lets the figure be its natural size