

1. GRAPHICS

The package to load is `\usepackage[pdftex]{graphicx}`. The command `includegraphics` loads a file, in this case `example.pdf`. Replace with your own file.

The file needs to be in the same directory as the latex file. An easy way to generate plots is to use Mathematica, see code on blackboard. The different options for the `'figure'` environment are listed in the latex guide on blackboard, same with the options for `'includegraphics'`.

```
1. LIST ENVIRONMENTS

Create the following list
(1) The main list environments are enumerate and itemize.
(2) Separate items are created with the command \item.
(3) Counters change automatically when generating sublists, or they can be changed
    manually.
    (a) First and
    (b) second item
(4) This is the fourth item

Generate the following itemized list.
• Item 1
• Item 2 contains another list:
  - Item 3
  - Item 4

Change counters:
(I) The main list environments are enumerate and itemize.
(II) Separate items are created with the command \item.
(III) Counters change automatically when generating sublists, or they can be changed
    manually.
    (a) First and
    (b) second item
(IV) This is the fourth item
```

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FIGURE 1. A simple graph