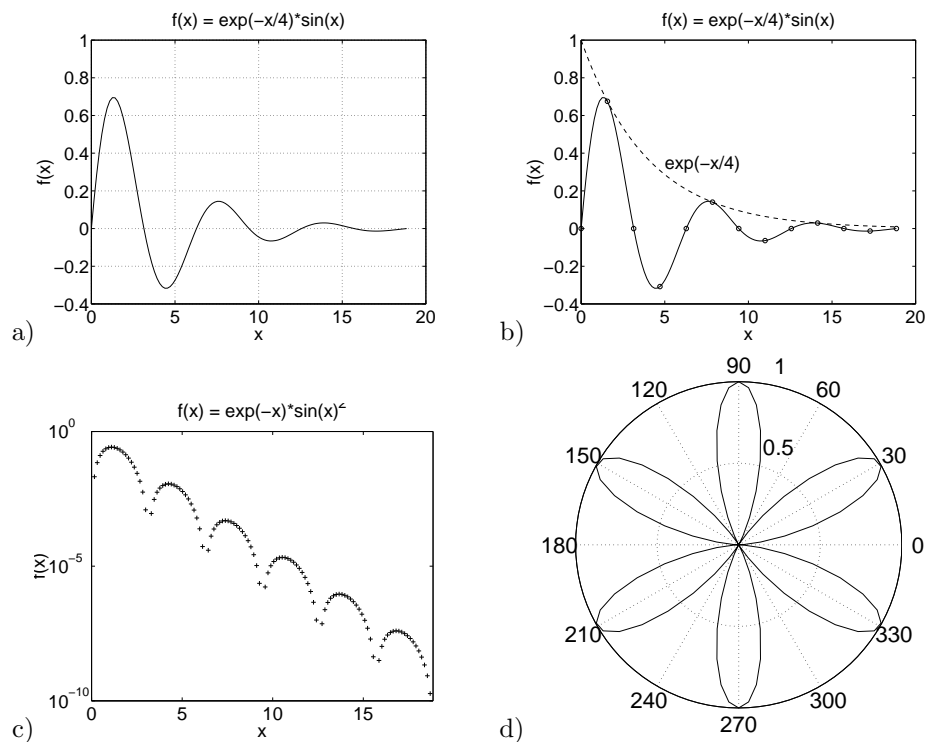


**PHYS 240 homework #2 – due Jan 31 2013, 4:55pm, upload to Canvas**

**Plotting with Python and L<sup>A</sup>T<sub>E</sub>X set-up**

1. Add NumPy, SciPy, and matplotlib to your Python installation. The procedure will be different for every system, but you can see the homework #1 for some possible insights. Document briefly what you did.
2. The figures below were produced using MATLAB. Try to reproduce them as faithfully as you can using Python (you may have to search through some manuals for the relevant commands). Include your source code and copies of your figures all in one document.



3. Install L<sup>A</sup>T<sub>E</sub>X on your machine: see [www.latex-project.org](http://www.latex-project.org). If you already have it, then see if there are any updated packages that you need (styles for certain journals, etc.). Document briefly what you did.