Matlab notes for HW #2

Plotting a trace on a surface.

```
syms t x y
fplot3(sym(1), tan(t), -sec(t), [-pi/2.1 pi/2.1],'-k','linewidth',2)
hold on
fmesh(-sqrt(x^2+y^2))
```

If you select the figure, you will have a rotation option and the option to change the code automatically. Matlab made the numbers for the "view" command below. I changed the x and y intervals using the "axis" command to make the figure look like a cone.

```
view([82.80 39.55])
axis([-15 15 -15 15])
```