

For each of the problems below, you should hand in your code and a hardcopy of your plots.

- 1) (4 pts) The datafile `hw32.dat` contains three columns of numbers. The first is a set of  $x$ -coordinates, the second is a set of  $y$ -coordinates and the third is a set of  $z$ -coordinates. Write a Python script that reads these columns into `numpy` arrays, then plots the points as a 3D surface using the `plot_trisurf` function.