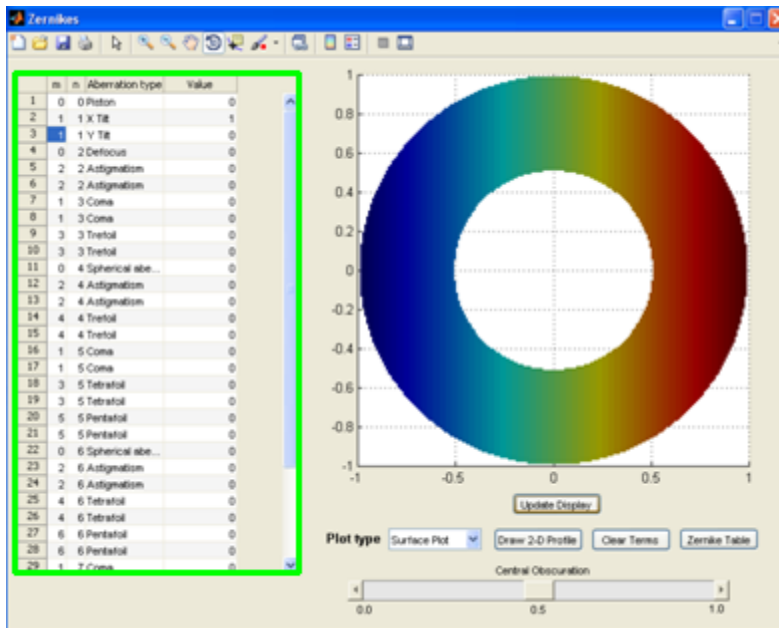
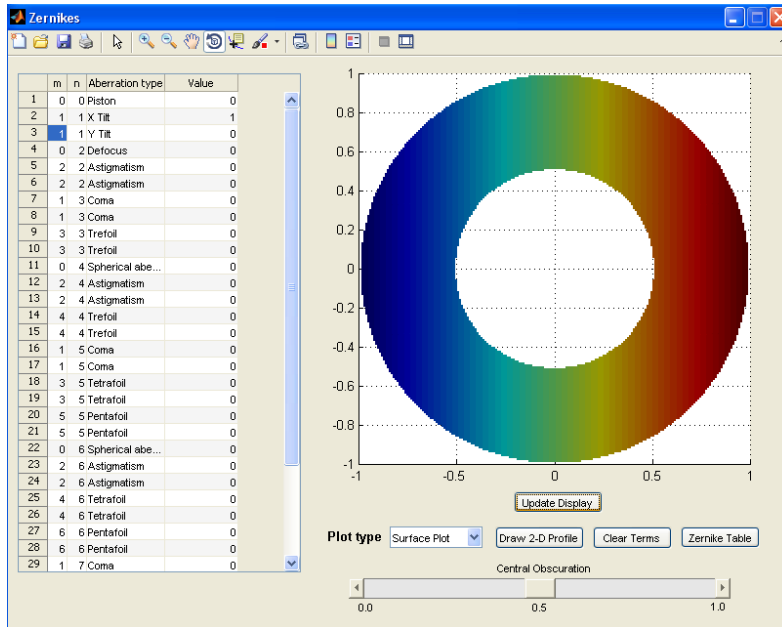
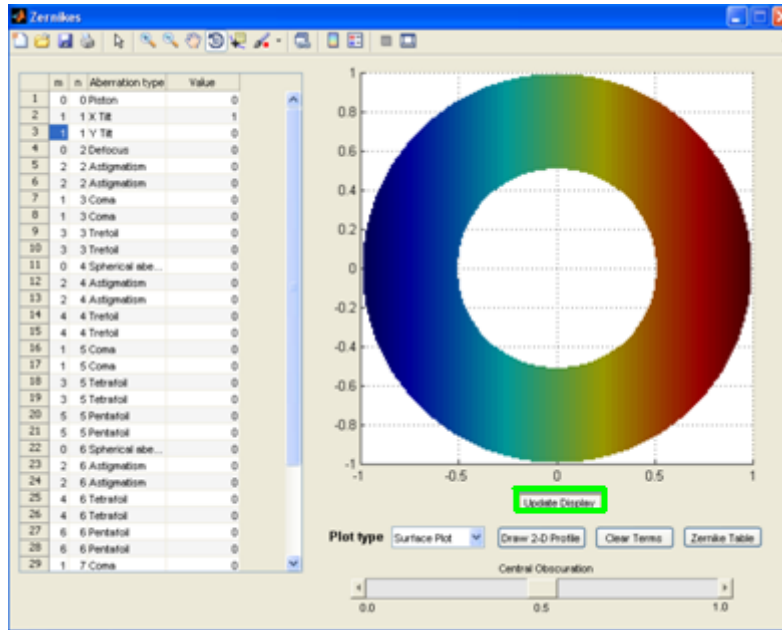


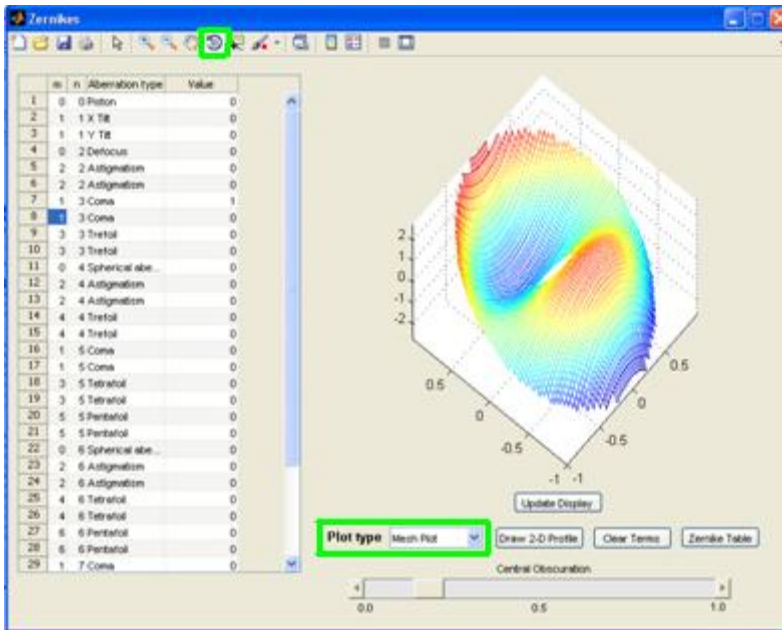
Zernike Polynomial Calculator



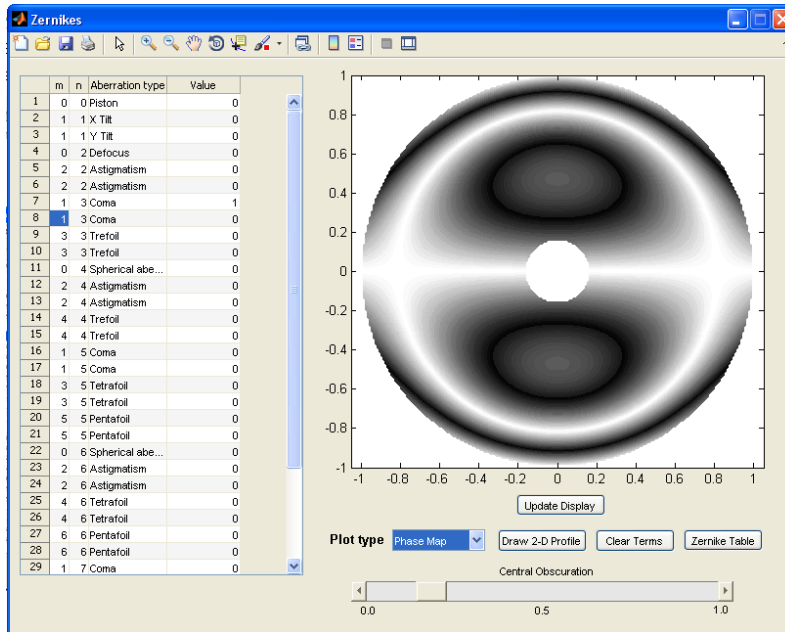
Input the amplitude of each Zernike polynomial to be plotted in the table.



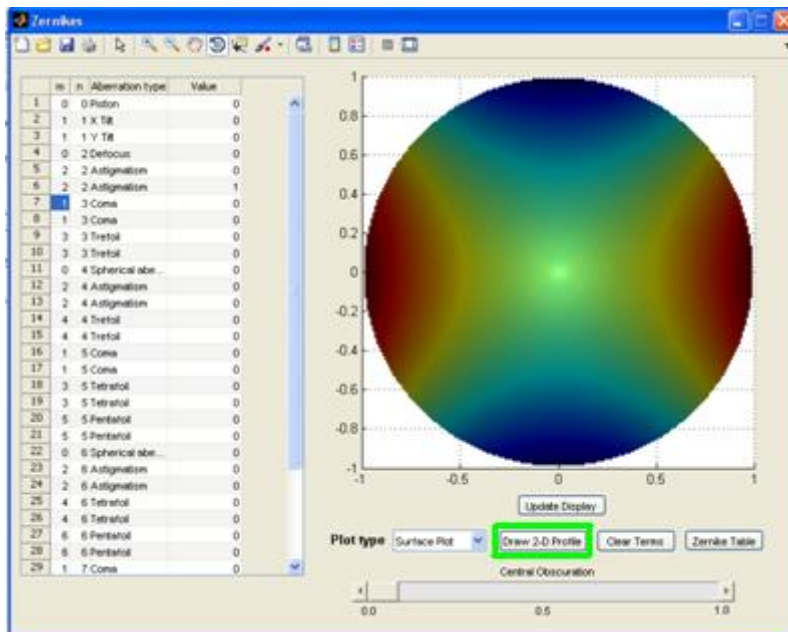
Plot the selected Zernikes by clicking the 'Update Display' button.



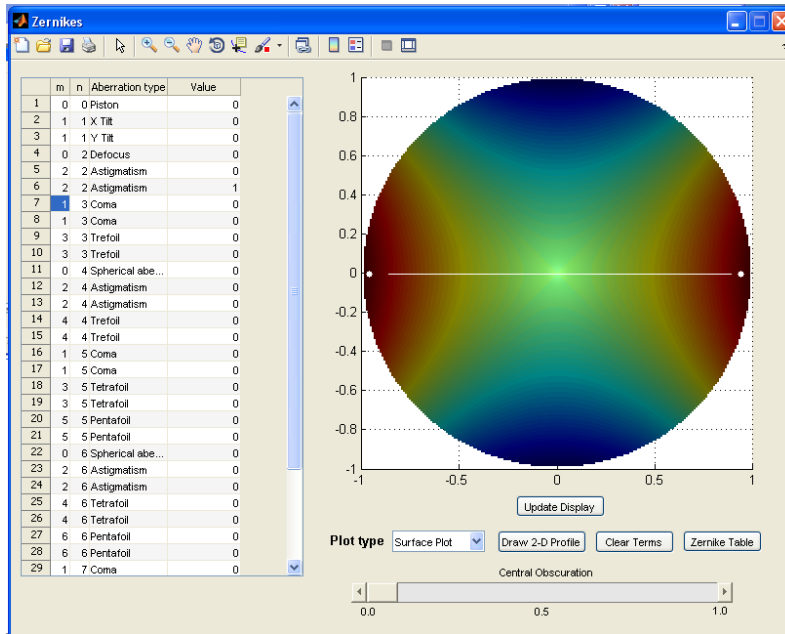
The 'Plot Type' menu includes three different plot styles: surface plot, mesh plot, or phase map. The surface and mesh plots can be rotated with the mouse after selecting the rotate button in the toolbar at the top of the interface.



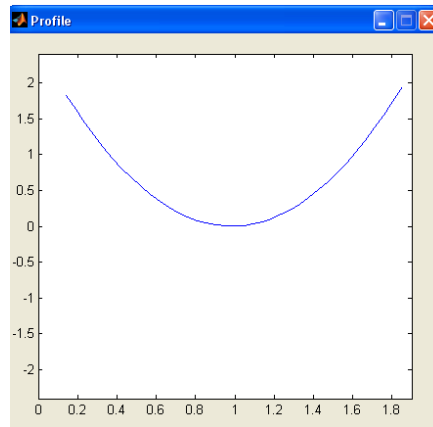
Phase map plot



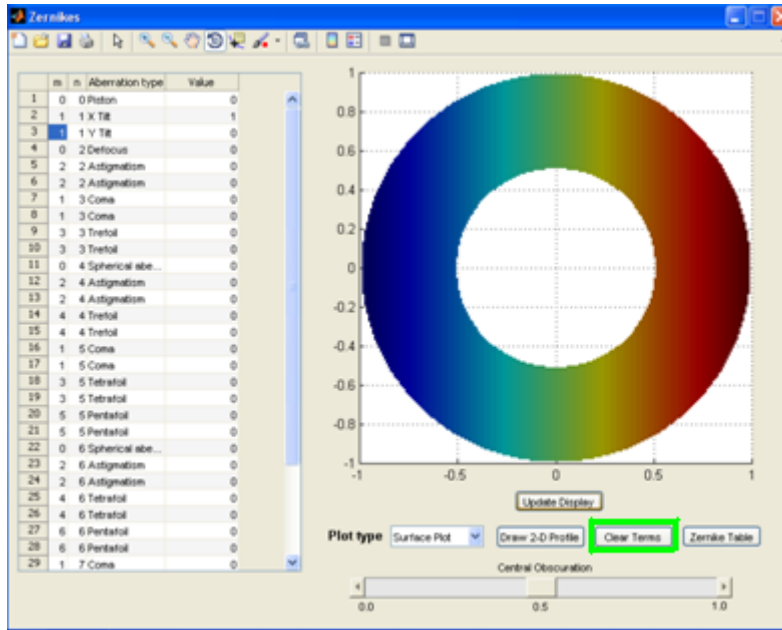
To see a two-dimensional profile anywhere along the surface, click the 'Draw 2-D Profile' button.



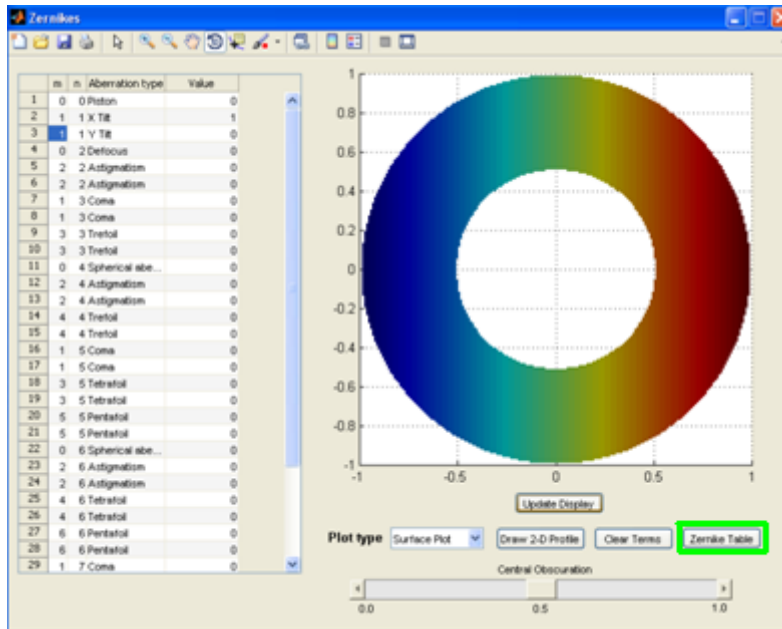
Use the mouse to select any two points on the surface.



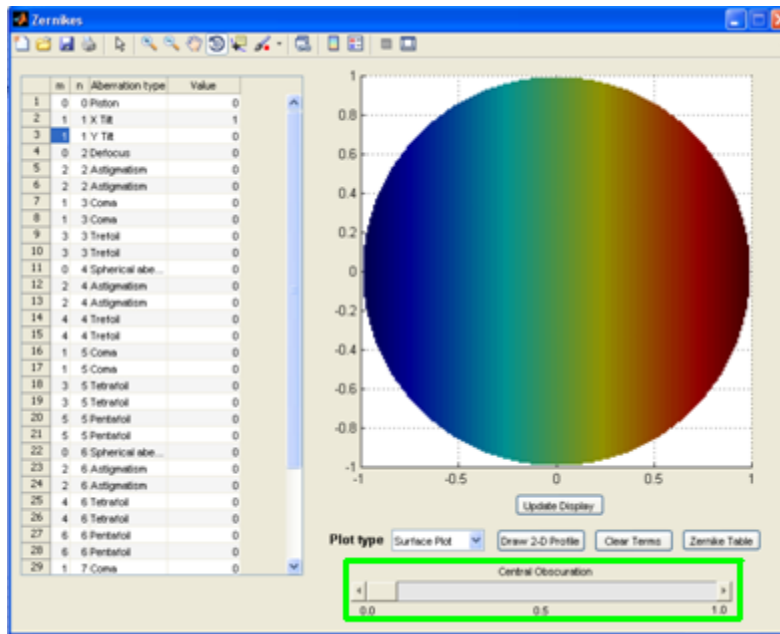
A new window will display the profile between those two points.



The 'Clear Terms' button clears the display and sets all values to zero.



The 'Zernike Terms' button will display a table of the first 16 Zernike polynomials.



The 'Central Obscuration' slider allows the obscuration to be varied from 0 (no obscuration) to 1 (obscuration fills entire aperture).