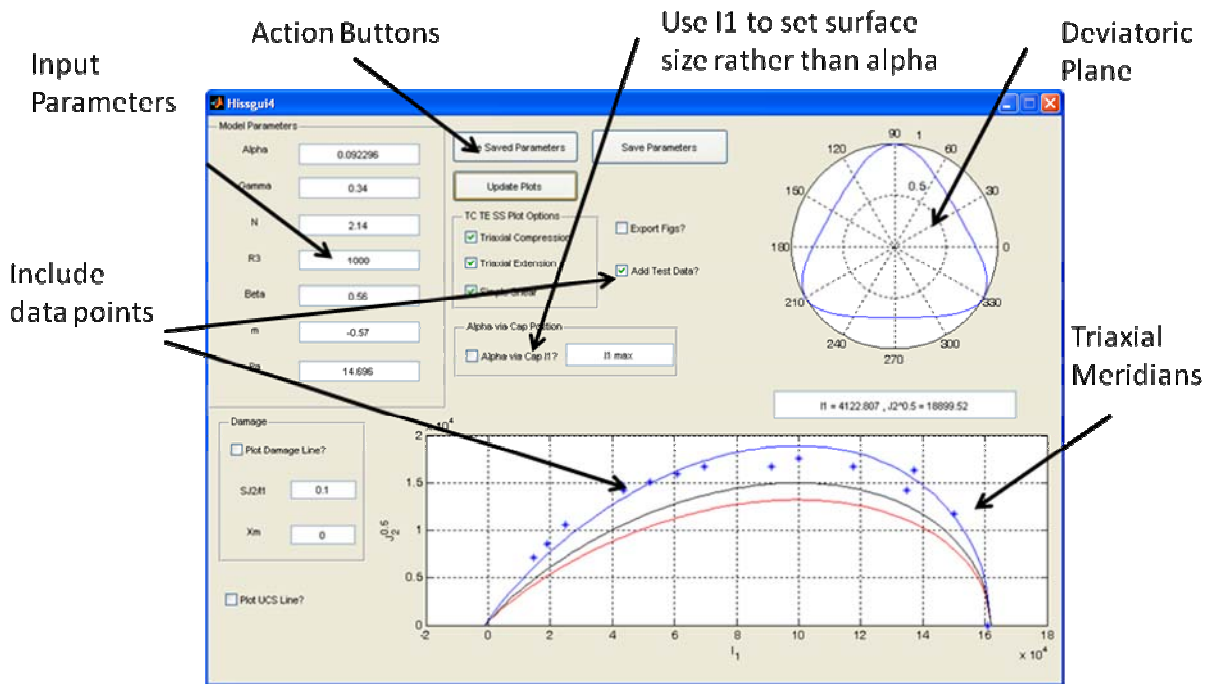


# MATLAB GUI to Display HISS Surface



The purpose is to assist in calibration of the HISS surface. Model parameters can be entered or read in from a file. Lab data can also be plotted (also read in from a file).

- 1) Read in the data or enter in fields.
- 2) Click 'Update Plots' button to display
- 3) You can check displayed values by holding mouse pointer over plots
- 4) Add lab data by checking boxes (it will ask every time the 'Update Plot' button is hit, so some changes might be made to overcome this limitation)
- 5) You can check 'Plot UCS Line?' to see that stress path, and you can enter a particular value of  $J_2^{0.5}/I_1$  to see that path.