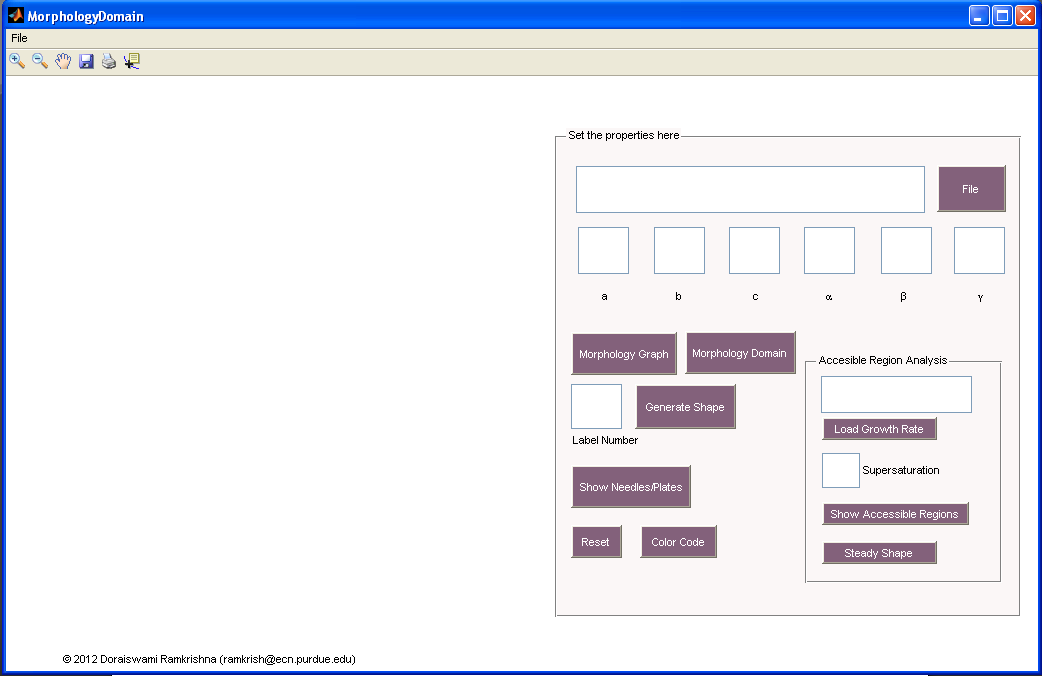
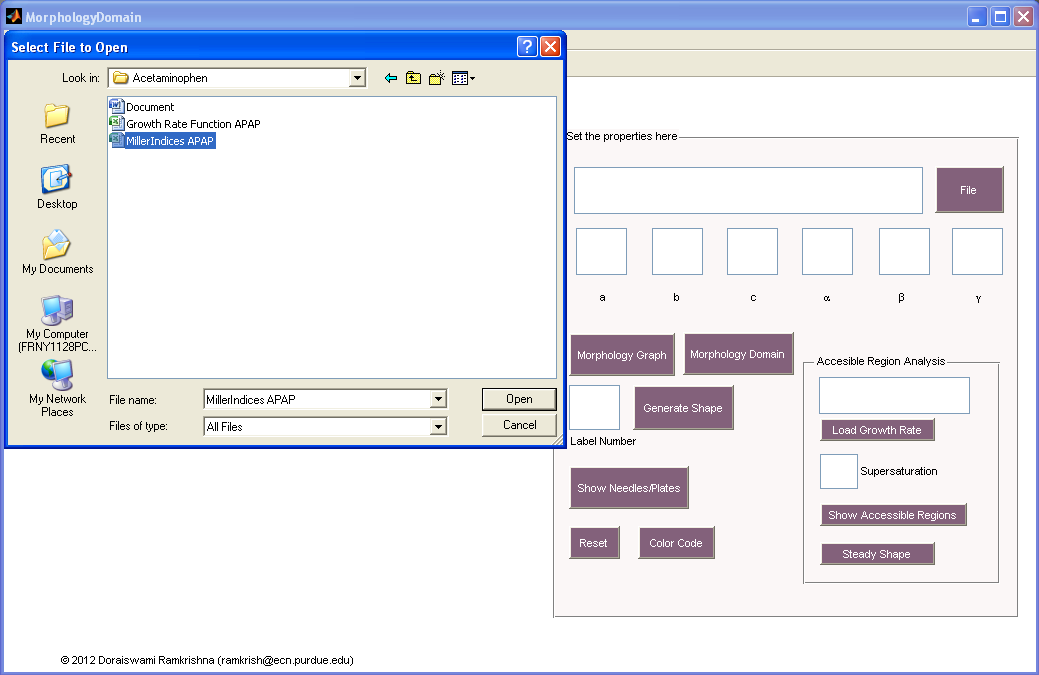
**EXAMPLE 2: ACETAMINOPHEN**

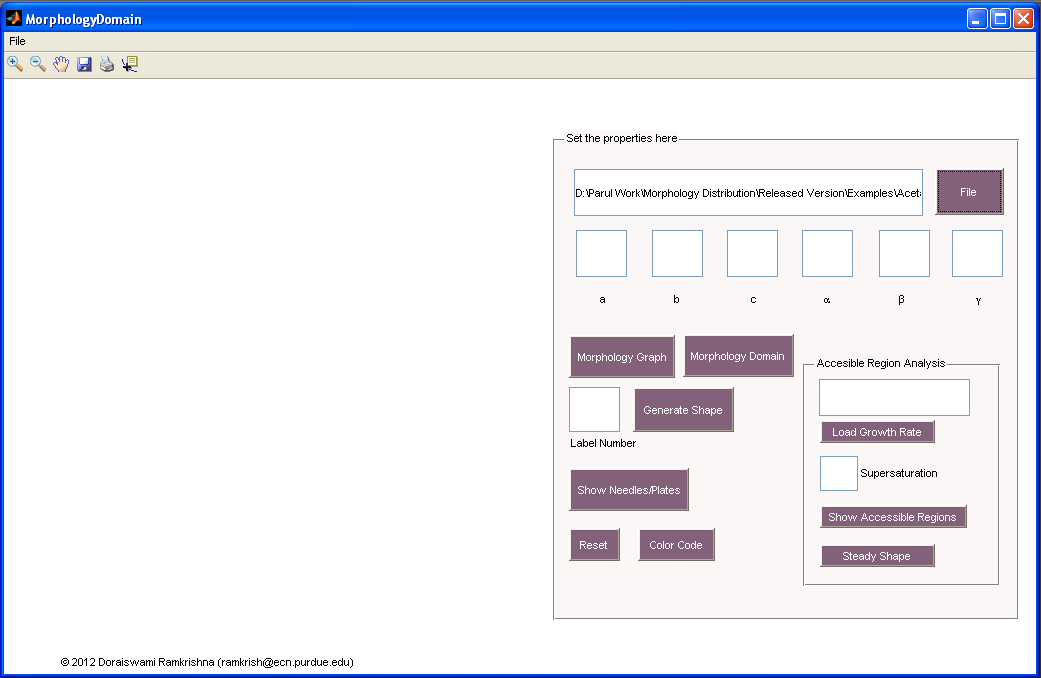
**Step 1:** Choose the Acetaminophen Miller Indices excel sheet after clicking on “File” button.



**Figure 1:** MorphologyDomain window opened on running the Morphologydomain.exe file

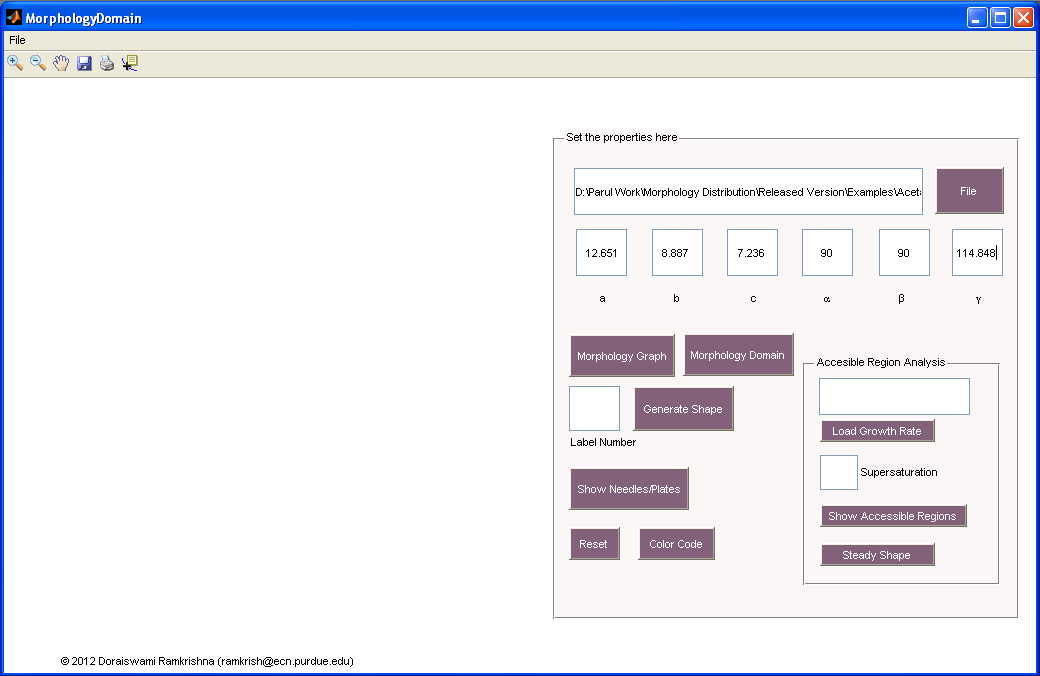


**Figure 2:** Selecting excel file with appropriate Miller indices



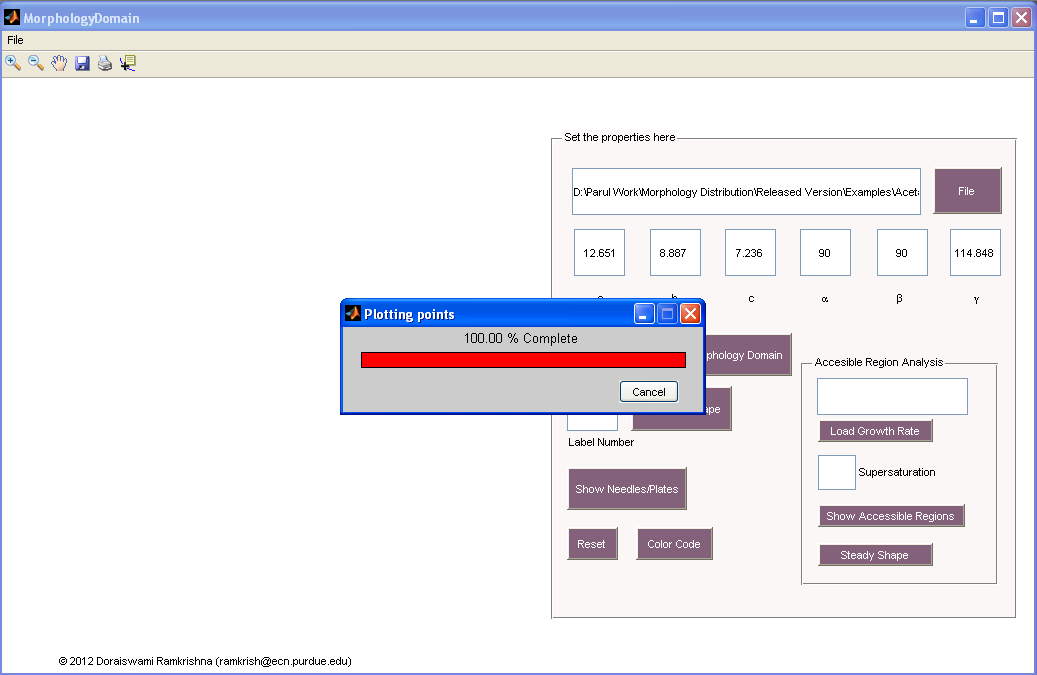
**Figure 3:** After excel file has been read

**Step 2:** Type the Lattice parameters.

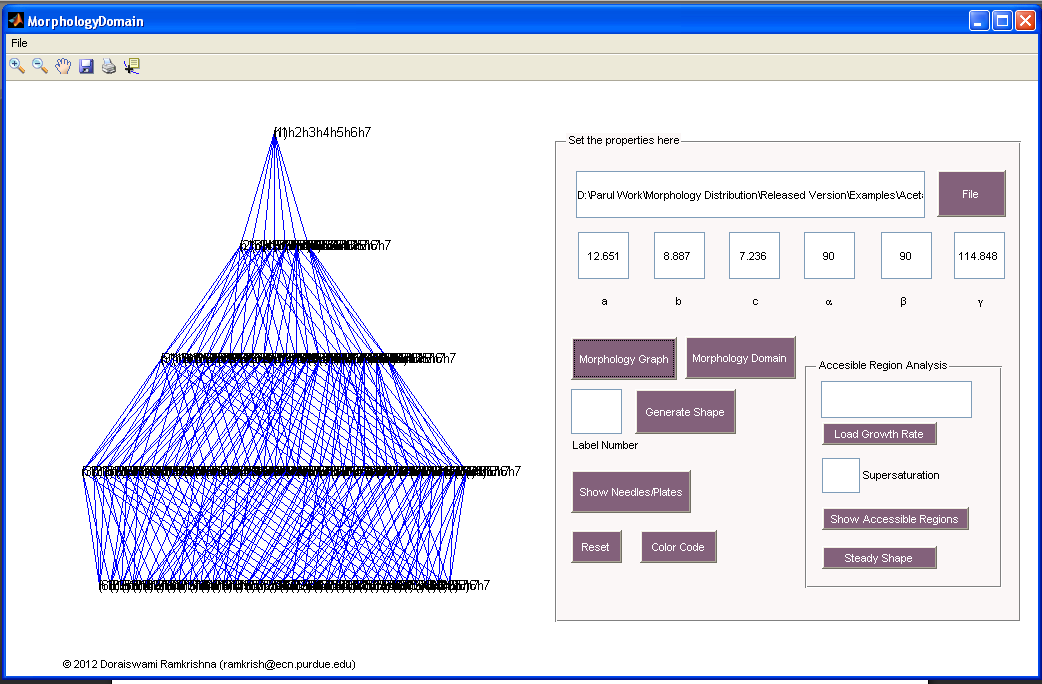


**Figure 4:** Typing Lattice parameters

**Step 3:** Click on “Morphology Graph” button to see the tree plot.

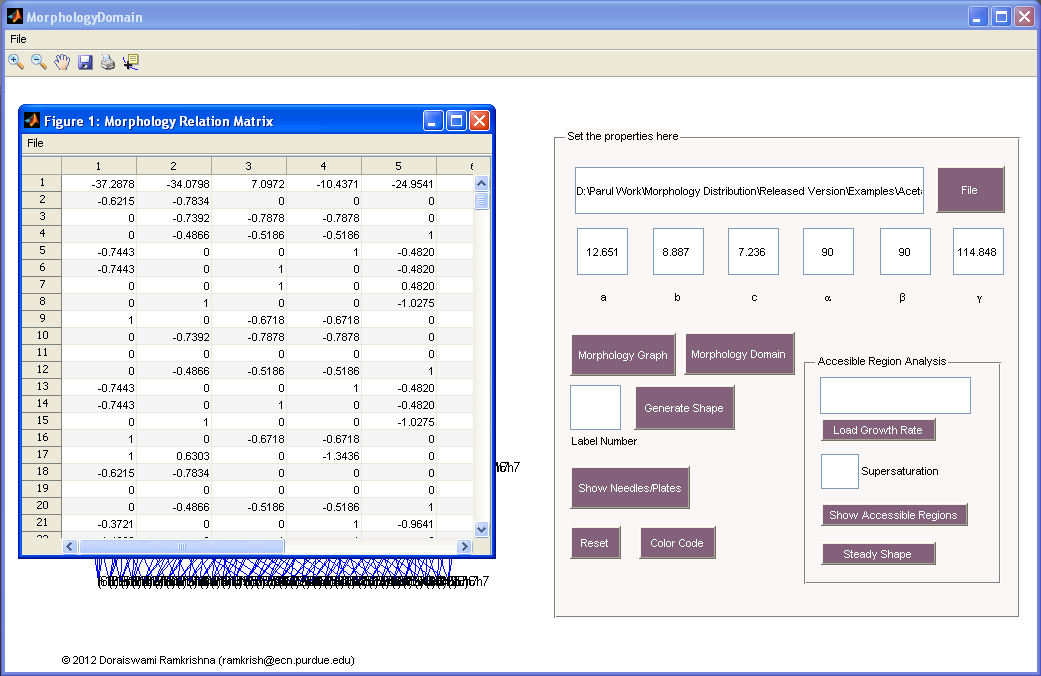


**Figure 5:** Waiting for the plot



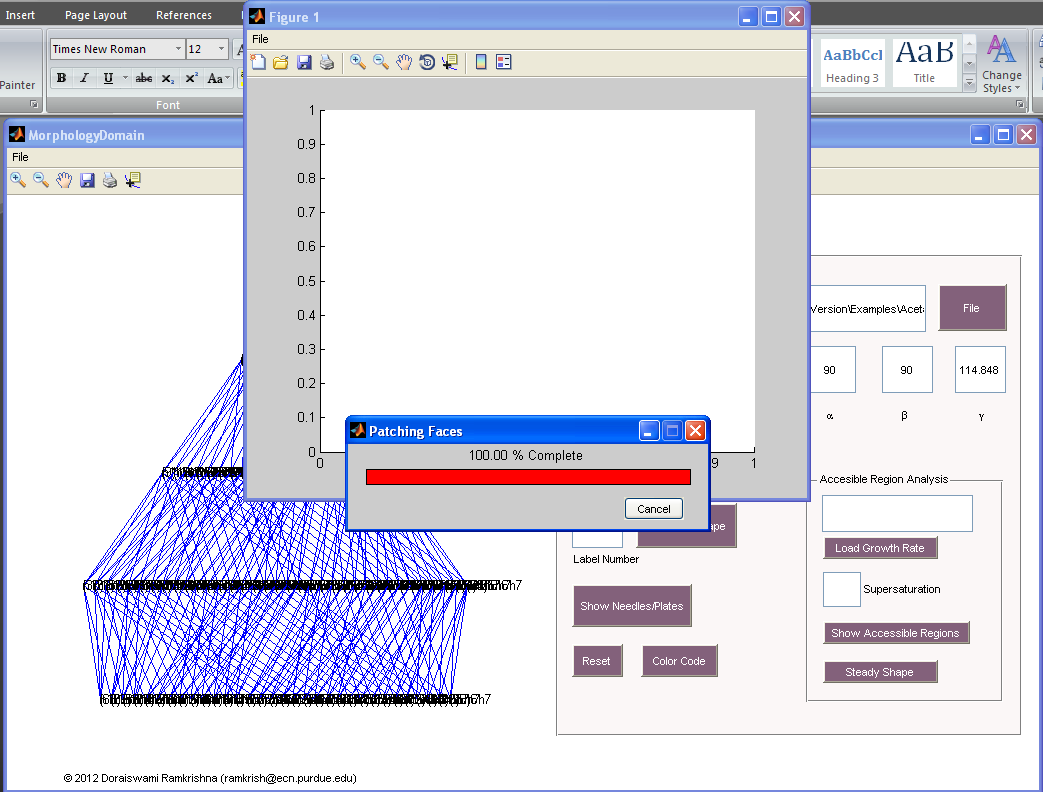
**Figure 6:** Tree plot

**Step 4:** Click on “Morphology Domain” to see the morphology relation matrix.

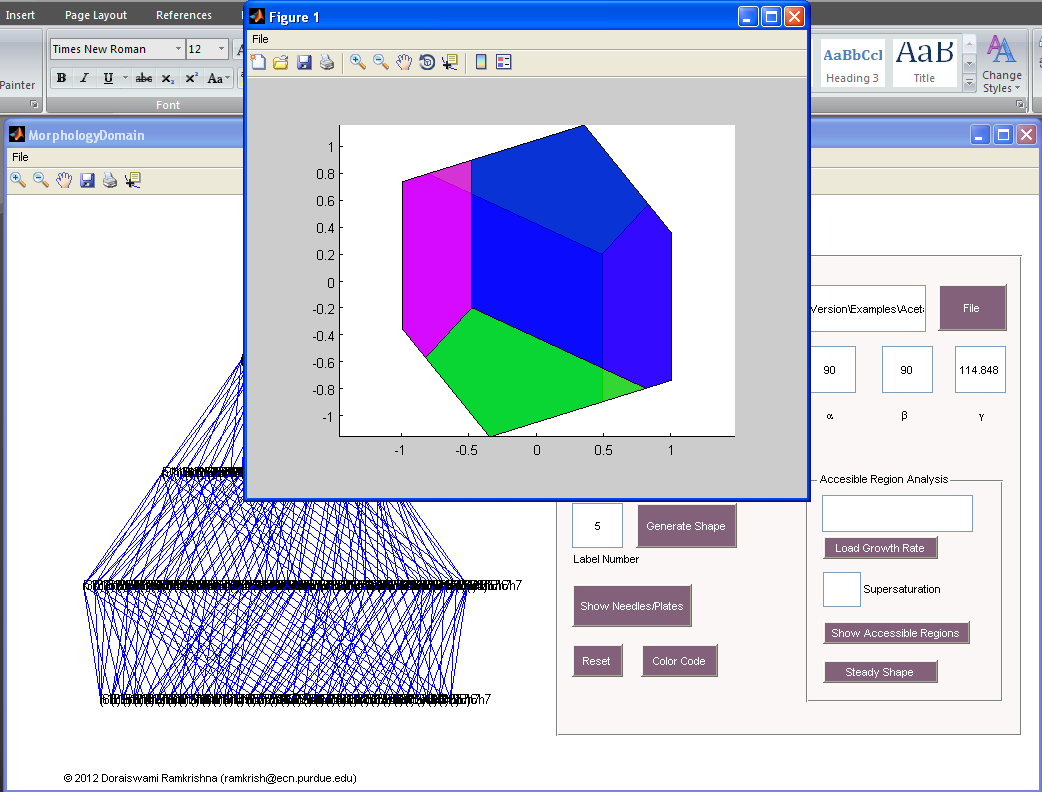


**Figure 7:** Morphology Relation Matrix

**Step 5:** Type the label number of the morphology which you want to see and then click on “Generate Shape” button.

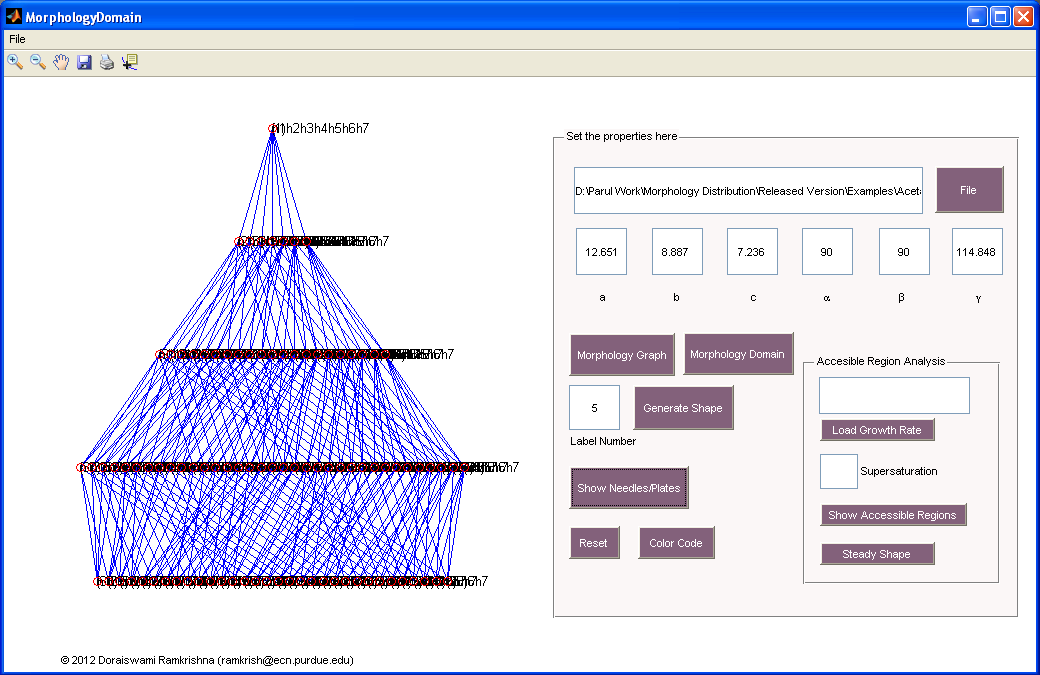


**Figure 8:** Waiting for shape to generate for the label number



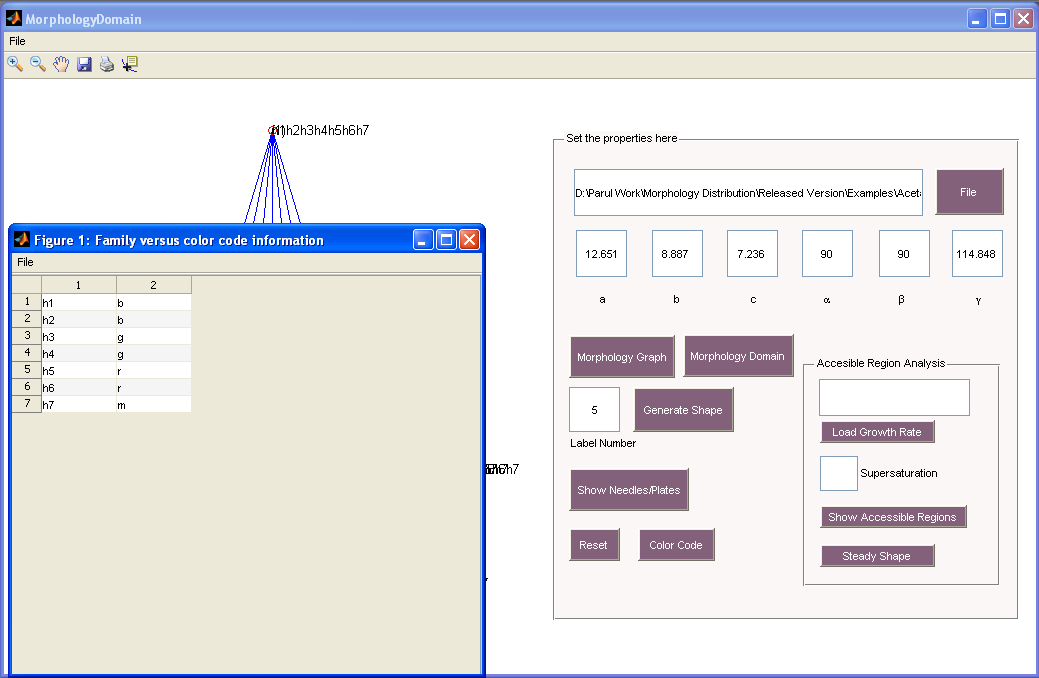
**Figure 9:** Generated shape for the given label number

**Step 6:** Click on “Show Needles/Plates” button to see potential needles/plates.



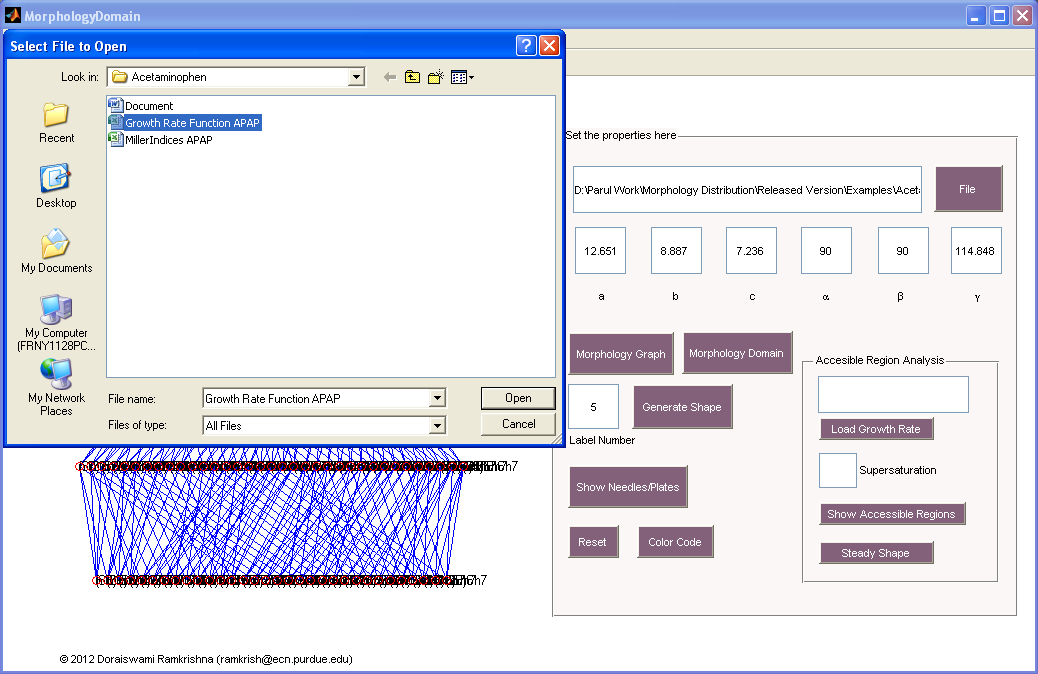
**Figure 10:** On clicking on “Show Needle/Plates”.

You can also see the family versus color code information by clicking on “Color Code”.



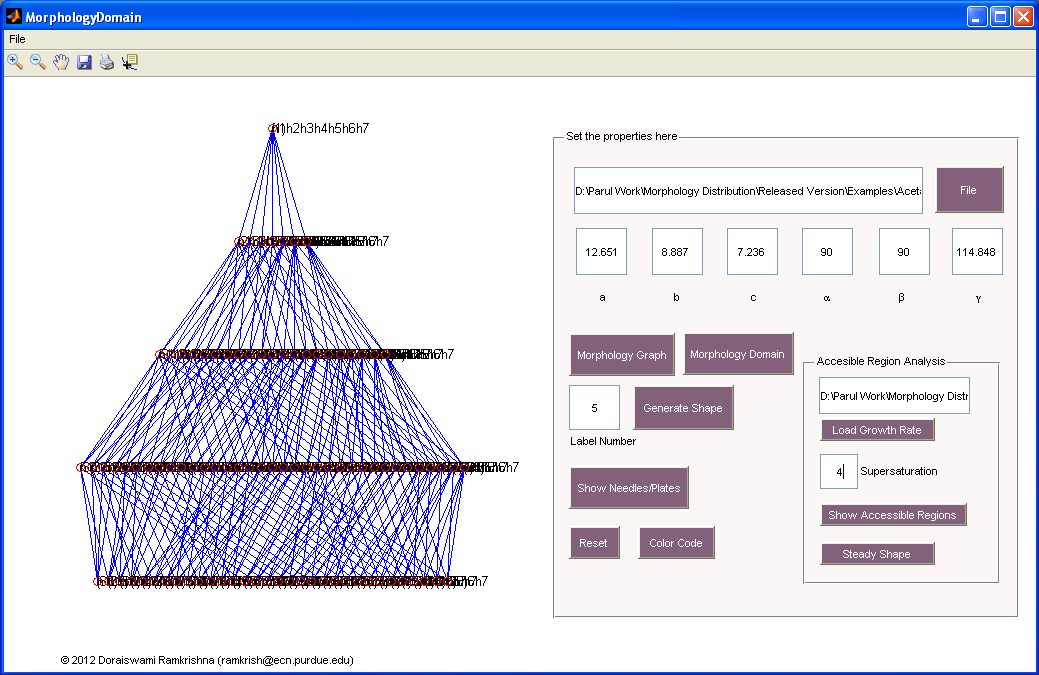
**Figure 11:** Geometric family versus color code information

**Step 7:** For accessible region analysis, firstly select the excel file with the growth rate for the crystal. For this, click on “Load Growth Rate” and then select the file.

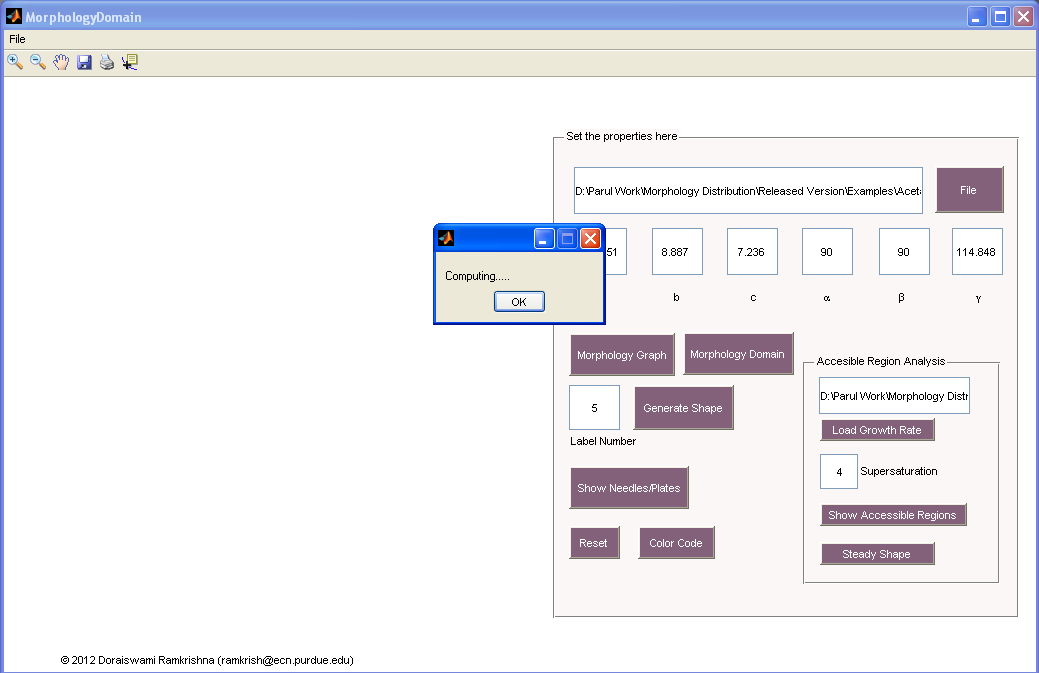


**Figure 12:** Selecting the excel file for growth rate function

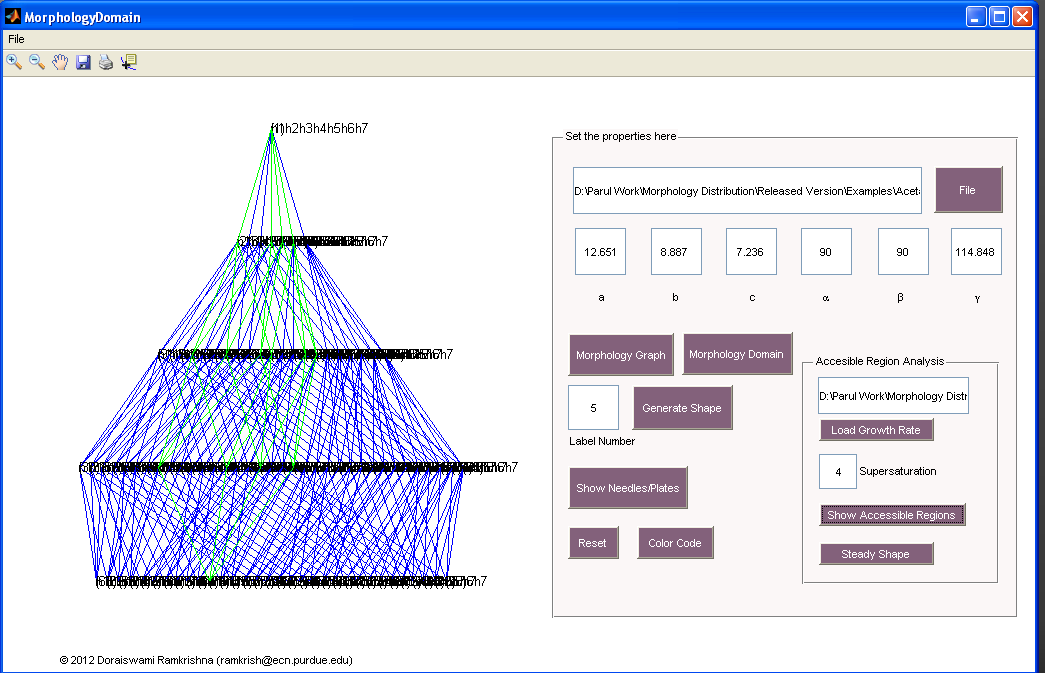
**Step 8:** Type the supersaturation value and then click on “Show Accessible Regions”. Accessible regions will be green



**Figure 13:** Typing the supersaturation value

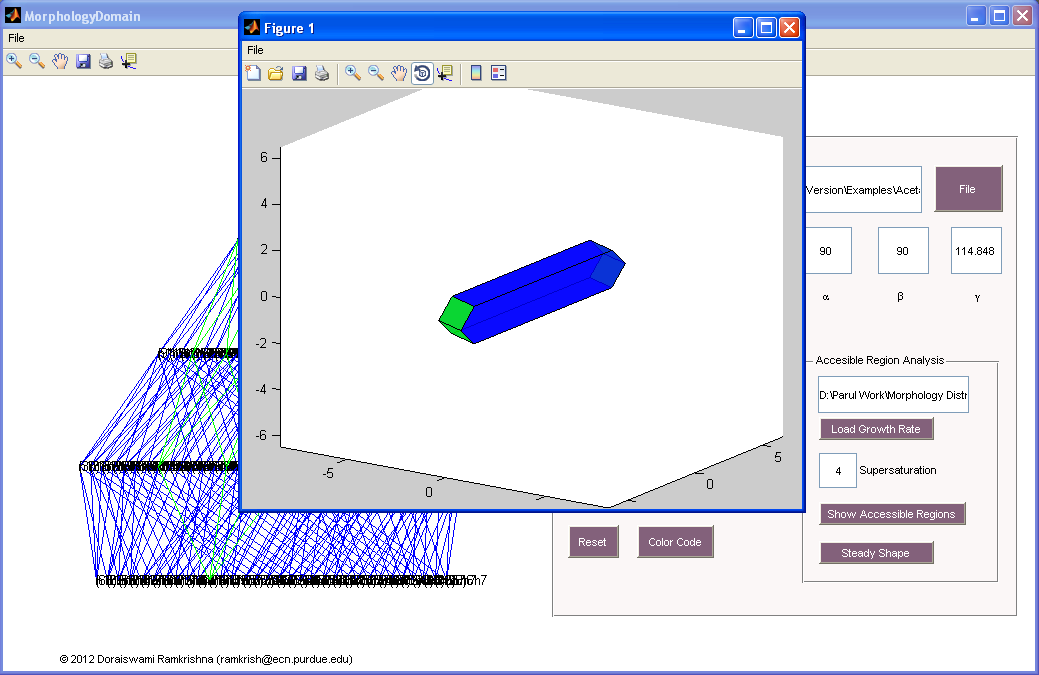


**Figure 14:** Waiting for the plot



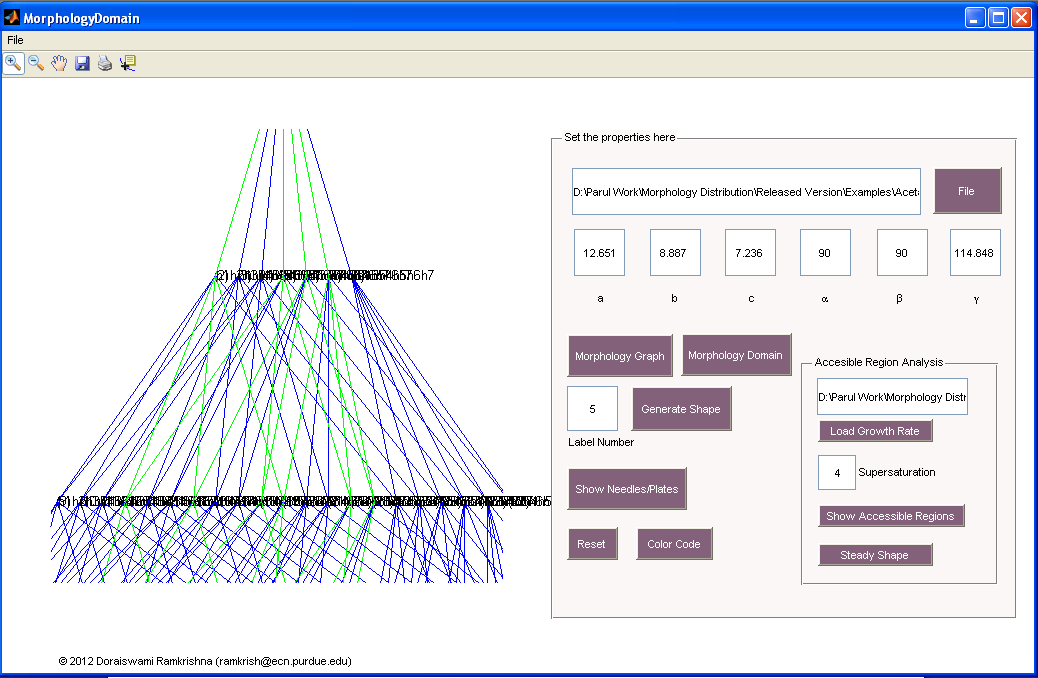
**Figure 15:** Accessible regions plotted green

**Step 9:** To see the steady shape, click on “Steady Shape” button.

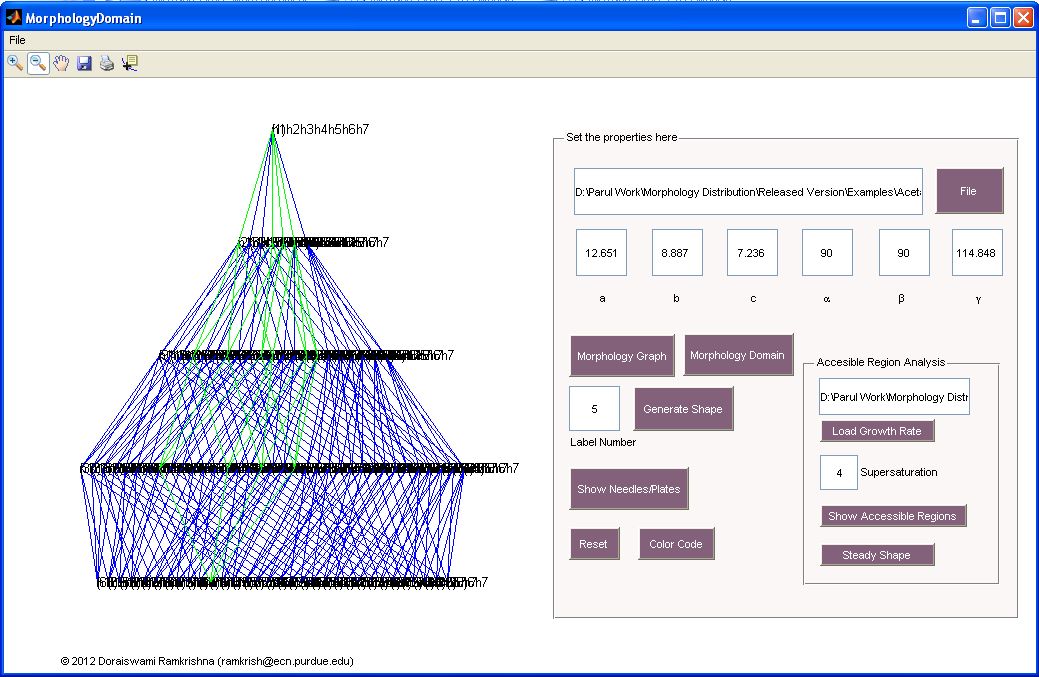


**Figure 16:** Steady shape for the given supersaturation value

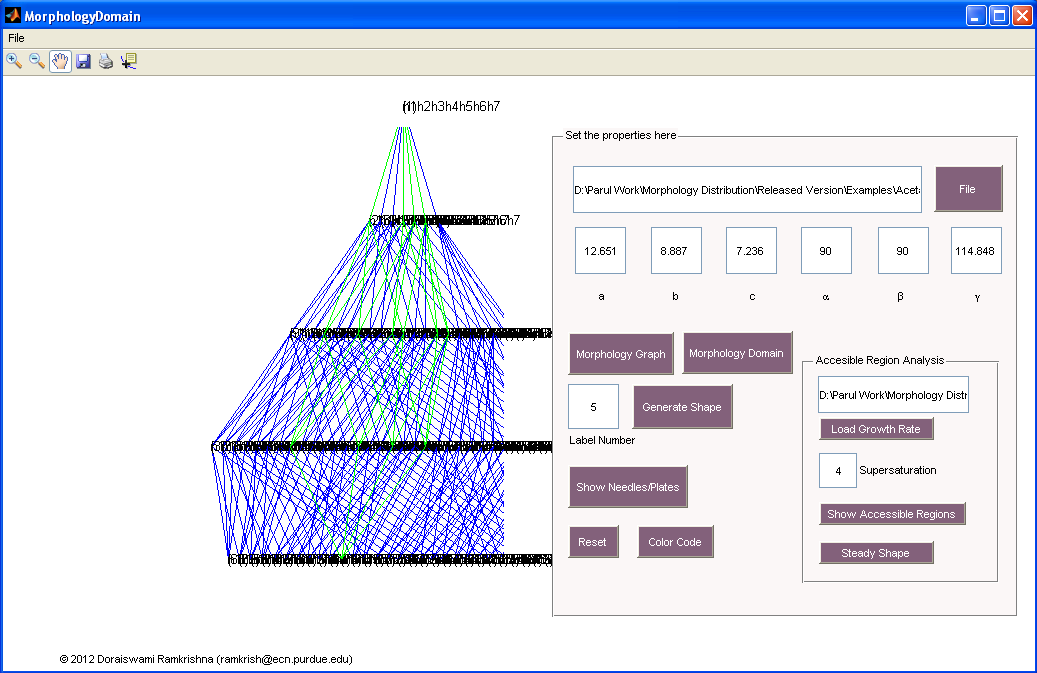
You can zoom out, zoom in and pan the plot image by using the toolbar options. You can also save the figure in any format you want. Note that if you save the figure, the whole window will be saved instead of the plot only. To save, go to file, and then save as.



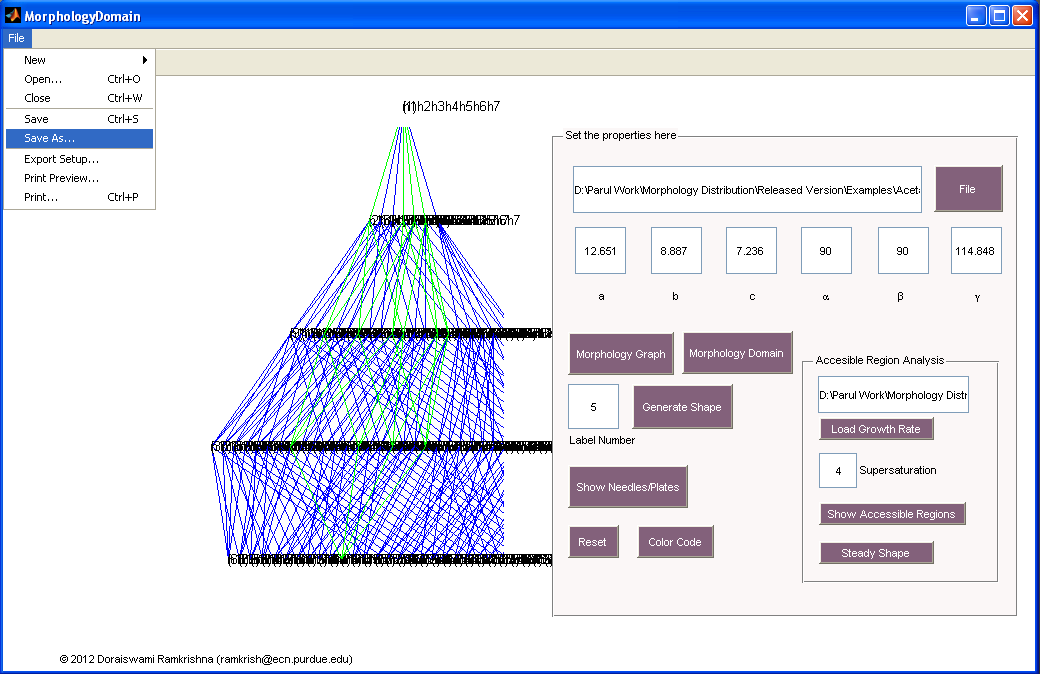
**Figure 17:** Zoomed in image



**Figure 18:** Zoomed out image



**Figure 19:** Panning the image to right



**Figure 20:** Saving the image