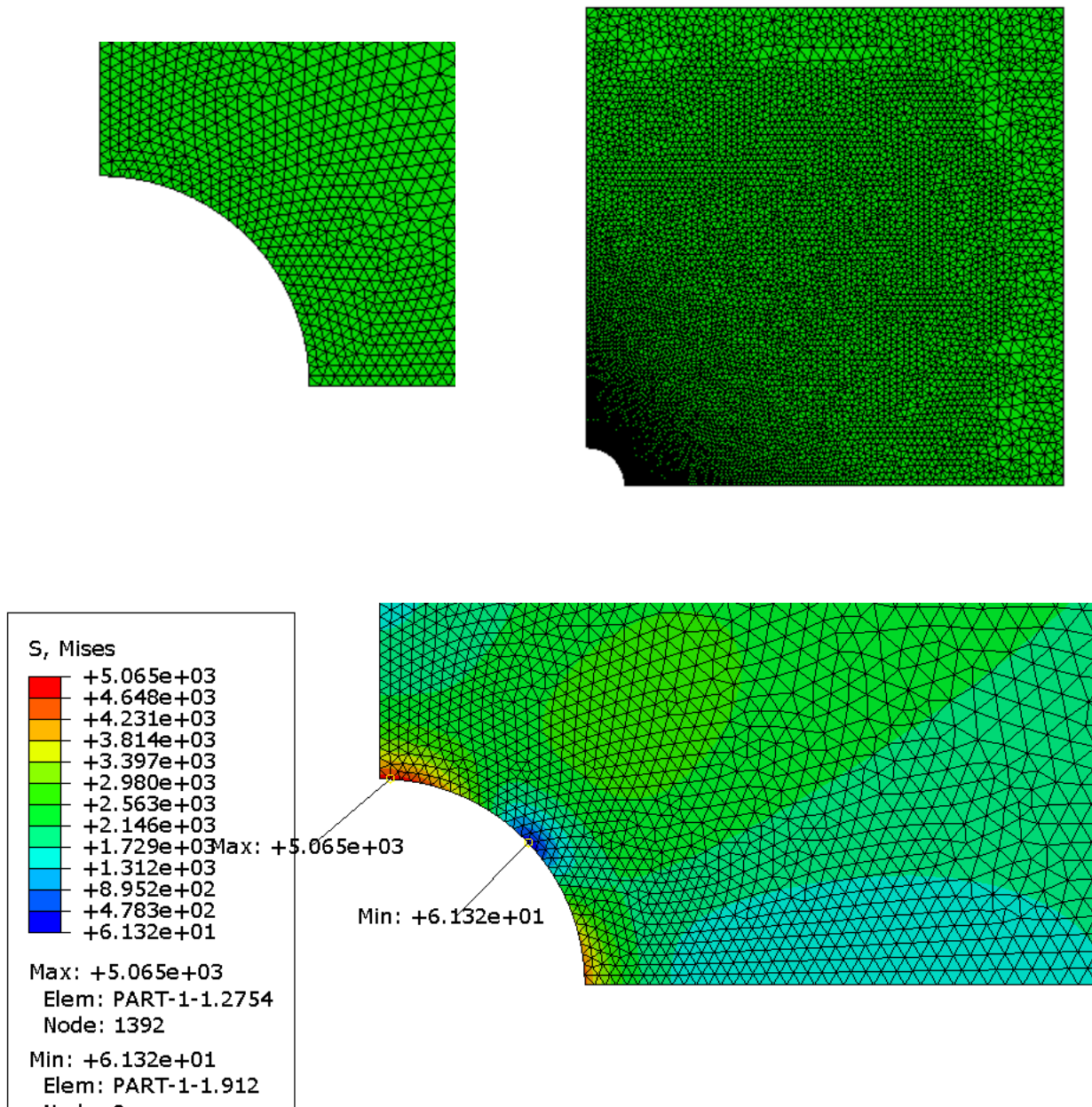


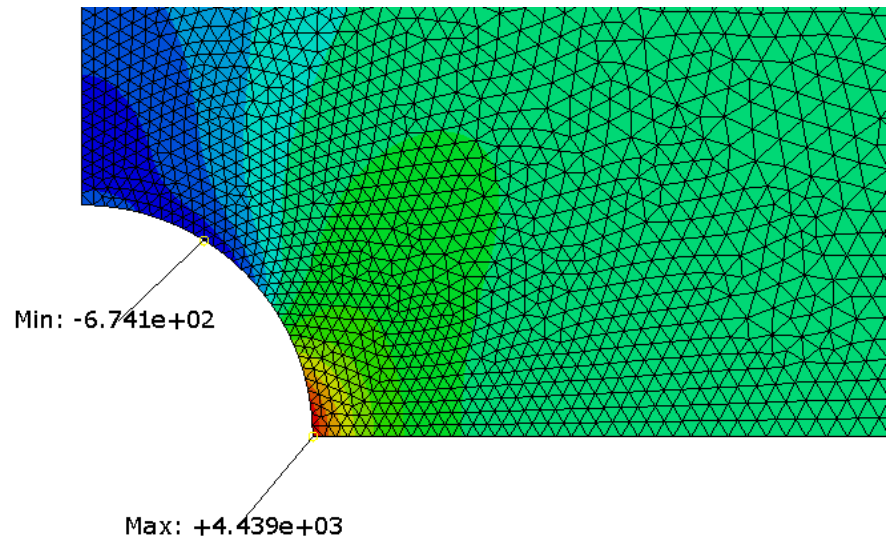
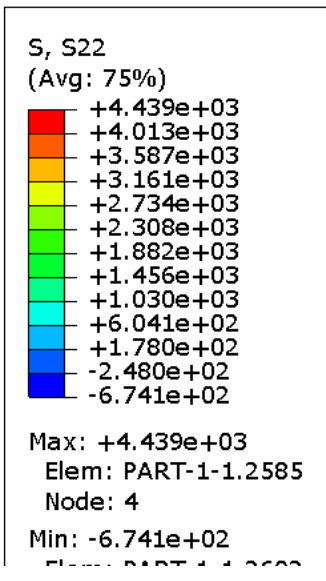
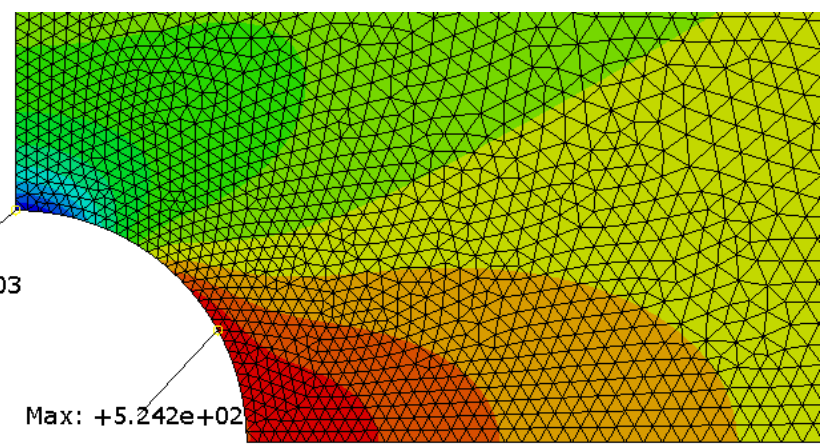
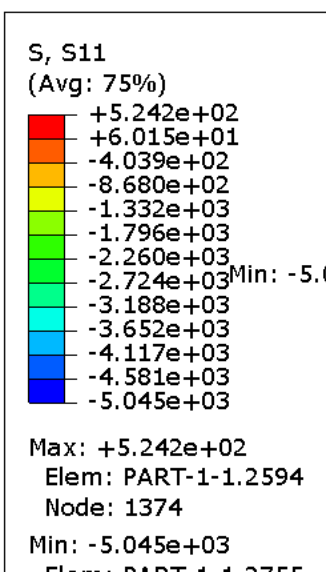
Computer Assignment 3 – Discussion of Results

Expected Results (LST with edge seed of 0.02 in at hole, bias to 0.1 at outer boundary)

Note: Results for 25 cases were generated by Python Script with output to graphic .png files showing stress contours (S_Mises, S11 and S22) near hole)

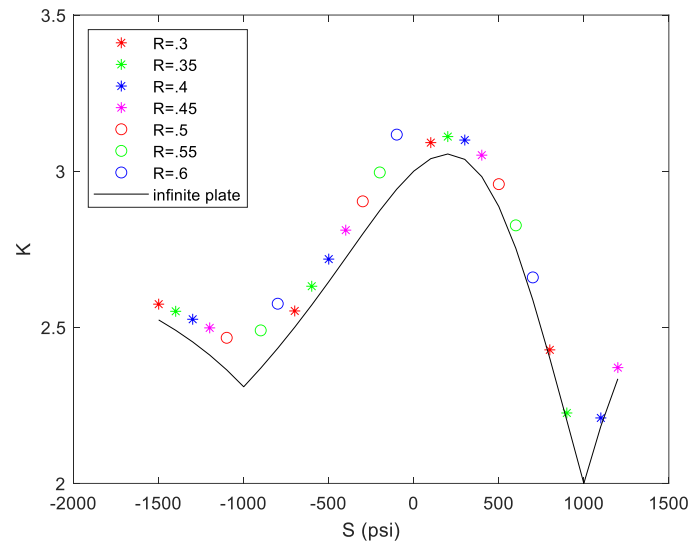
Typical Results



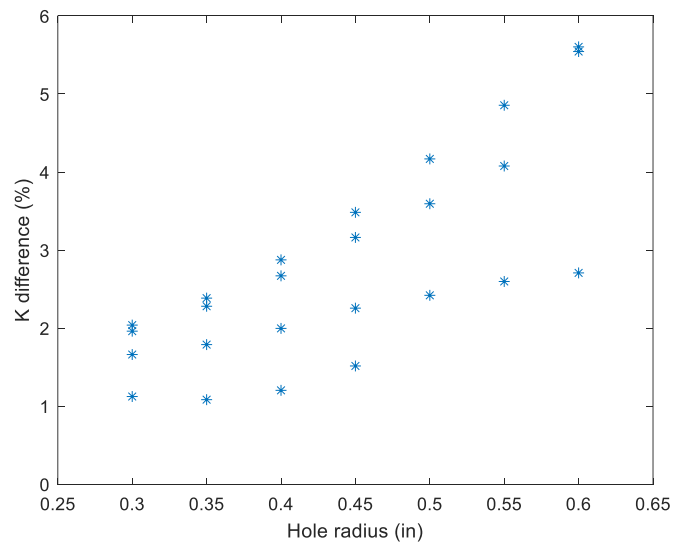


Comparison with Infinite Plate Theoretical Results (see assignment handout for details)

Stress Concentration



Effect of Hole Radius on Difference



Examples of Inaccurate or Inefficient Meshes

