

CE 4010/6010

Homework #9

Assigned: Tuesday, February 11, 2014;
Due: Thursday, February 13, 2014; end of class

Homework must be done neatly in pencil, on 8 1/2" x 11" paper, stapled together. Each step must be easily followed; diagrams are useful. State your assumptions. Homework that is not neat and legible may be rejected. Staple the question sheet to the front of your homework.

Make Sure To Include The Cover Page!

Problem 1: (100 points) Solve the following truss, find the deformations and reactions, using a MATLAB script (*.m file). Make sure to present both MATLAB script and results. Also make sure to use functions in your scripts for making the element matrices. Use the shown numbering system for elements.

