

CE 4010/6010

Homework #18

Assigned: Tuesday, April 1, 2014;
Due: Thursday, April 3, 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 system for the vertical deflection at point B using static condensation approach where only degree of freedom 1 is used in the solution.

