

ASEN 6367 Advanced Finite Element Methods

Homework # 3. Chapters 5 and 6 of Notes

Due Tuesday February 10, 2009 - due date changed 2/3/09

*Please do not forget to attach this cover sheet to your returned homework
Start each problem on a new page*

Do three Exercises:

5.4 or 5.5 (pick one). The last one requires some index gymnastics.

6.2

6.3 or 6.4 (pick one) Note: 6.4 is easier but if you are interested in nonlinear problems you might want to give 6.3 a shot.

Grading weights: worth in pts is annotated at the beginning of each Exercise.