

**ASEN 6367    Advanced Finite Element Methods**

**Homework # 1. Chapter 2 of Notes. Decomposition of Poisson Problems**

Due Thursday January 22, 2009

*Please attach this sheet as cover to your HW  
If a group, write name of all group members on it  
and underline who will pick it up*

*Check course web site for presentation guidelines; these are less formal than  
for ASEN 5007; for example restating the exercise is not needed*

Do these Exercises:

2.2

2.3

2.4

2.5 or 2.6 (pick one, they are similar)

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