Due: Friday, March 16, 2012

Name(Print) \_\_\_\_\_

CSE Login \_\_\_\_\_

Name 2(Print) \_\_\_\_\_

CSE Login \_\_\_\_\_

Problem	Page	Notes	Points	Score
9.4.26 (c)	607		3	
9.4.28 (c)	607		3	
9.5.22	616		2	
9.5.24	616		3	
9.5.48	617		8	
9.6.2	630	Justify your answer	5	
9.6.4	630		4	
9.6.8	631		6	
(Bonus) 9.6.12	631		6	
Typesetting (bonus)			3	
Total			34	

**Instructions** Follow instructions *carefully*, failure to do so may result in points being deducted.

- The homework can be submitted on paper or via handin. Homework *neatly* formatted in  $\text{LAT}_{E}X$  will receive a 10 point bonus. You will not receive the 10 bonus points if you work with a partner (see below).
- Clearly label each problem and submit answers *in order*.
- Staple this cover page to the front of your assignment for easier grading.
- Late submissions will not be accepted
- When you are asked to prove something, you must give a formal, rigorous, and complete a proof as possible. Each step in your proof must contain explanation that would allow us to understand what theorem/logic you have applied to arrive at that step.
- You are to work individually, and all work should be your own. Check partner policy below.

• The CSE academic dishonesty policy is in effect (see http://cse.unl.edu/ugrad/resources/academic\_integrity.php).

Partner Policy You may work in pairs, but you must follow these guidelines:

- 1. You must work *all* problems *together*. You may not simply partition the work between you.
- 2. You must use LATEX and you may divide the typing duties however you wish.
- 3. You may not discuss the problems with other groups or individuals.
- 4. Hand in only one hard copy with both author's names.