

Name \_\_\_\_\_

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

**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  $\LaTeX$  will receive a 10 point bonus. You will not receive the 10 points bonus if you work with a partner (see below).
- Clearly label each problem and submit the answers in order.
- Staple this cover page to the front of your assignment for easier grading.
- Late submissions will not be accepted.
- Show sufficient work to justify your answer(s). *Sloppy, hard to read papers will not be graded* (please have mercy...).
- When you are asked to prove something, you must give as formal, rigorous, and complete a proof as possible.
- 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://www.cse.unl.edu/undergrads/academic\\_integrity.php](http://www.cse.unl.edu/undergrads/academic_integrity.php)).

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

1. You must work on 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 problems with other groups or individuals.
4. Hand in only one hard copy under the first author's name.

Problem	Page	Points	Score
8.6.2 (Justify your answer)	578	15	
8.6.4 (Justify your answer)	578	12	
8.6.6 (Justify your answer)	578	12	
8.6.8 (Justify your answer)	579	9	
8.6.16	579	6	
8.6.18	579	2	
8.6.20	579	4	
8.6.22	579	8	
8.6.32	579	16	
Supplemental Ex. 8 (Give a Proof)	584	6	
8.6.24 (Bonus)	579	6	
8.6.36 (Bonus)	579	3	
Supplemental Ex. 10 (Bonus)	584	9	
Total for exercises		90	
Typesetting in $\LaTeX$ (bonus)		8	