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**Homework 7**

Due on Oct. 22 at 6pm

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**Question (100 points)** Work out the following problems with details:

1. (10 points) 9.2.1
2. (10 points) 9.2.5
3. (10 points) 9.2.15
4. (10 points) 9.3.3
5. (10 points) 9.3.5
6. (10 points) 9.4.6
7. (10 points) 9.4.9
8. (10 points) 9.5.2
9. (10 points) 9.5.5
10. (10 points) 9.5.12