

**Problem Set 6**  
Numerical Analysis, MATH 3377/6577  
Due Wednesday, December 11, 2024

Do the following problems from the text, *Numerical Analysis*, 10th edition, by Burden, Faires and Burden.

Each item is worth 10 points.

1. Section 6.1: 1a,c and 2c,d
2. Section 6.1: 4a and 5c
3. Section 6.1: 9
4. Section 6.2: 11a and 12b
5. Section 6.2: 15a and 16b
6. Section 6.2: 19a and 20b
7. Section 6.3: 7
8. Section 6.4: 9
9. Section 6.5: 2a and 3a,c
10. Section 6.5: 5a and 6a

**For Graduate Students:**

11. Section 6.3: 12
12. Section 6.5: 13