

**Problem Set 8**

Textbook: “Analytical Mechanics”, by Fowles and Cassiday, 7th Edition

**Do not hesitate to let me know if you need help with the problem set**

1. Textbook: Example 5.1.1
2. Textbook: Example 5.1.2 (also see lecture notes)
3. Textbook: Example 5.1.3
4. Textbook: Example 5.2.1
5. Textbook: Example 5.2.2
6. Textbook: Example 5.3.1 (also see lecture notes)
7. Textbook: Example 5.3.2
8. Textbook: Example 5.3.3 (also see lecture notes)
9. Problem: 5.1
10. Problem: 5.2
11. Problem: 5.6
12. Problem: 5.8
13. Problem: 5.9
14. Problem: 5.10