

### Homework Set 3

DUE: SEP 24, 2019 (BEGINNING OF CLASS)

DO and SUBMIT the following problems from Goode and Annin:

1. Section 3.1, True or false, items: (a), (b), (e), (f), (g).
2. Section 3.1, 22, 23.
3. Section 3.1, 28.
4. Section 3.1, 39.
5. Section 3.2, 22.
6. Section 3.2, 33, 34.
7. Section 3.2, 55.
8. Section 4.3, 5.
9. Section 4.3, 6.
10. Section 4.3, 19.
11. Section 4.3, 21.
12. Spring 2016 Final, Problem 5. See:  
<https://www.math.upenn.edu/ugrad/calc/m240/exams/240spring16final.pdf>

### Extra Credit Problems

13. Problem 9 of *Some more challenging linear algebra problems*: <https://www.math.upenn.edu/sites/www.math.upenn.edu/files/240la.pdf>
14. Problem 45 of *Some more challenging linear algebra problems*: <https://www.math.upenn.edu/sites/www.math.upenn.edu/files/240la.pdf>