

# Introduction to Financial Mathematics

## Math 30610 Homework 9

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due 4/26 on Gradescope

Please choose 8 of the following exercises. You will only be graded on 8. Unless otherwise specified, all exercises are from the textbook. You are welcome to use any calculator, spreadsheet or programming language, as long as you explain clearly and completely your solution.

1. 5.1.10 (b)
2. 5.2.3
3. 5.2.6
4. 6.1.2
5. 6.1.3 (a)(i)
6. 6.1.4 (a)
7. 6.3.1
8. 6.3.2
9. 6.3.3
10. 6.3.4
11. (Extra credit) Plot, on the same graph, the yield curves of 10 countries from 3/19/2023. Please include source of data and data.