

Homework O

- **Due: Thursday, March 25, before class¹**
- Please refer to the syllabus for homework policies. (Points of interest include late policies, typesetting, collaboration, extra-credit stuff...)
- If you explicitly do not want your submission to be considered as a solution key, please state so clearly at the top of your submission. If you explicitly want to remain anonymous (if selected), please state so clearly at the top of your submission.
- If you use dynamic programming in your solution, please address the steps outlined in the typed notes.
- There are also some multiple-choice/short-answer problems on Gradescope.
- There is no need to include your PUID on the submission thanks to Gradescope.

Problems

1. Problem 5 in Chapter 9 of the “director’s cut” (on amortized analysis) of Jeff’s notes. ²

¹The preceding Thursday is a reading day.

²Warning: part (c) is a littler trickier than the first two parts. A helpful hint: Part (b) might help for part (c).