

Announcements for Midterm #2

1. Our TA, Vrej Zarikian, will hold a review session **Saturday, November 20, 1:00-3:00 in MS 6221**. (This will be joint with the other section, which also has a midterm Monday.)

2. A correction to Assignment #7: Ex. 12 on p. 216 results in a cubic you won't be able to factor. Instead, substitute this problem: For the recursion $a_0 = 0$, $a_1 = 1$, $a_n = 2a_{n-1} + 3a_{n-2}$, find a closed-form formula for a_n . (This is not the same as Ex. 12, but it may be what the author thought he was going to get.)

For the midterm,

Date: Monday, November 22, as previously announced.

Format and Conditions:

Just like Midterm #1.

Simplify answers reasonably unless the problem says not to.

Coverage:

All lectures, handouts, and homework for material from §4.1 through §5.3, including homework assignments 4-7. From this week (November 15-19) the only thing to know is what derangements are and how to derive the recurrence relation for them.

Other topics in handouts K-V (except the problems in K from Chapter 3).

Be able to do a formal induction, as in the homework.

Review:

In class as part of lecture on Friday, November 19.

Extra Office Hour:

Monday, November 22, 1:00-2:00.