

Dear All,

Some notes about the upcoming Term Test.

The test will take place on Wednesday October 16 at 7-9pm. If your last name falls within the interval [A,O) using the dictionary order, go to Bahen room 1180. If it's in the interval [O,Zz], go to Bahen 1220.

It will be a "closed book" exam: no books and no notes of any kind will be allowed, no cell-phones, no calculators, no devices of any kind that can display text. So only stationary will be allowed, as well as minimal hydration and snacks, and stuffed animals for joy and comfort.

The material for the test is everything that was covered in class until and including the class of Thursday October 10, unless it was clearly indicated as "extra" at the time that it was covered. Here "everything" means every bit of class material (including every single proof) and anything that was assigned as homework. It does not include material covered only in tutorials because such material differs between the different tutorial groups.

The style of the test will be "solve the following 6 questions", or maybe 5 or 8. Some of the questions will be about classroom material, like proving something that was proven in class. Some will be taken from the HW assignments, and some will be fresh.

The best way to study for the test is to make sure that you understand absolutely everything (same "everything" as before). Make a long list of definitions and lemmas and theorems, and make sure that you know every single one. Go over every homework exercise and make sure that you know how to solve it perfectly.

Neatness counts! Language counts! The *ideal* written solution to a problem looks like a page from a textbook; neat and clean and consisting of complete and grammatical sentences. Definitely phrases like "there exists" or "for every" cannot be skipped. Lectures are mostly made of spoken words, and so the blackboard part of proofs given during lectures often omits or shortens key phrases. The ideal written solution to a problem does not do that.

Also useful, though less, is to go over old exams. You can find a couple at https://drorbn.net/index.php?title=10-327/Term_Test and at <https://www.math.toronto.edu/~drorbn/classes/18-327-Topology/TT.html> (that one has a discussion about how I write exams – it remains valid).

You may also want to familiarize yourself with the physical shape of the test. See my template at <https://drorbn.net/AcademicPensieve/Classes/24-327-Topology/24-327-TT-Template.pdf>, but not that the number of questions may change and that the Crowdmark QR codes are not yet installed. It will be printed double sided to make a 10-16 pages booklet.

The TAs and I will hold some extra office hours before the test, as follows (a separate message with room details will be sent once the rooms are fixed):

- On Friday October 11 at 2-4pm with Brinda at BA 2179.
- On Tuesday October 15 with Dror at 9:30-11:30am at SU 432 and at 5-7pm at AB 114.
- On Wednesday October 16 at 2-4pm with Kai at SS 2112 and then at 4:10-5pm at BA 6180 (sorry, I could not find a room for the whole 2-5pm period).

Good luck!

Dror.