

MATH 3220 (Discrete Structures II), Fall semester 2018

Instructor: James Propp

Office: Olney 428C

Subject to change with notice

You are expected to come to class prepared, that is, having read the assigned sections and having thought about the assigned problems; your section summaries are also due that day. E.g. your summaries of sections 9.1 and 9.2 are due in class the day of Lecture #2.

Lec. #	Date	Sections to read	Problems to prepare
1	Thursday, 9/6	No assignment	None
2	Tuesday, 9/11	9.1, 9.2	9.1.5, 9.1.6, 9.1.9(a), 9.2.3
3	Thursday, 9/13	9.3, 9.4	9.3.1, 9.3.4(a), 9.4.2, 9.4.3, 9.4.4
4	Tuesday, 9/18	9.5 (skim), 9.6	9.6.3, 9.6.14(a)
5	Thursday, 9/20	10.1, 10.2	10.1.2, 10.1.4(a), 10.2.4(a), 10.2.6
6	Tuesday, 9/25	10.3, 10.4 (omit Kruskal)	10.4.1(abc), 10.4.3(abc), 10.4.4
7	Thursday, 9/27	11.1 only	11.1.3, 11.1.5
8	Tuesday, 10/2	11.2, 11.3, cong.pdf	11.2.3, 11.2.5, 11.3.2
9	Thursday, 10/4	11.4, 11.5, gcd.pdf	11.4.2, 11.4.4, 11.5.1, 11.5.2
10	Tuesday, 10/9	11.6 only (skip Ex. 11.6.9)	11.6.5, 11.6.6
.....	Thursday, 10/11	NO CLASS	
11	Tuesday, 10/16	11.7, isomorphism.pdf	11.7.1, 11.7.10
12	Thursday, 10/18	Review	First practice exam
13	Tuesday, 10/23	EXAM	
14	Thursday, 10/25	12.1,12.2	12.1.2(b,d,e), 12.1.3(a,b), 12.2.2(a), 12.2.4
15	Tuesday, 10/30	12.3, vectors.pdf	12.3.5, 12.3.9(f), 12.3.13
16	Thursday, 11/1	12.4, eigen.pdf	12.4.3, 12.4.5
17	Tuesday, 11/6	12.5, 12.6, fib.pdf	12.5.3, 12.5.5, 12.6.1
18	Thursday, 11/8	13.1 only	13.1.1, 13.1.3, 13.1.4, 13.1.6
19	Tuesday, 11/13	13.2 only	13.2.2, 13.2.3, 13.2.4
20	Thursday, 11/15	13.3, 13.4	13.3.1, 13.3.3, 13.3.5, 13.4.1, 13.4.5
21	Tuesday, 11/20	13.5, 13.6	13.5.1, 13.5.3, 13.6.1(c)
.....	Thursday, 11/22	NO CLASS	
22	Tuesday, 11/27	15.1, 15.2	15.1.5, 15.1.6(a), 15.2.1, 15.2.3, 15.2.6(a)
23	Thursday, 11/29	15.3, 15.4	15.3.1, 15.3.5, 15.3.6, 15.3.10, 15.4.1
24	Tuesday, 12/4	15.5, 16.1	15.5.1, 15.5.3, 16.1.7
25	Thursday, 12/6	16.2, 16.3, 16.4	16.2.5, 16.2.7, 16.3.5, 16.4.4
26	Tuesday, 12/11	REVIEW	Second practice exam
27	Thursday, 12/13	EXAM	