

Undergraduate Seminar in Discrete Mathematics

Course 18.304 – Spring 2013 – MWF 1PM – Room 2-151 – Thomas Rothvoss

Preliminary schedule

	Su	Mo	Tu	We	Th	Fr	Sa	
February	3	4	5	6 (1)	7	8 (2)	9	
	10	11 (3)	12	13 (4)	14	15 (5)	16	
	17	18 pres. day	19 (6)	20 (7)	21	22 (8)	23	
	24	25 (9)	26	27 (10)	28	1 (11)	2	
March	3	4 (12)	5	6 (13)	7	8 (14)	9	
	10	11 (15)	12	13 (16)	14	15 (17)	16	
	17	18 (18)	19	20 (19)	21	22 (20)	23	
	24	Spring Vacation						30
	31	1 (21)	2	3 (22)	4	5 (23)	6	
April	7	8 (24)	9	10 (25)	11	12 (26)	13	
	14	15 patr. day	16 patr. day	17 (27)	18	19 (28)	20	
	21	22 (29)	23	24 (30)	25	26 (31)	27	
	28	29 (32)	30	1 (33)	2	3 (34)	4	
May	5	6 (35)	7	8 (36)	9	10 (37)	11	
	12	13 (38)	14	15 (39)	16	17	18	

1. discussion
2. cancelled due to blizzard
3. 5-10min pres. of Def or Thm (part 1)
4. 5-10min pres. of Def or Thm (part 2)
5. Talk I-1. Chandler: “*Floyd-Warshall Algorithm*”
6. Talk I-2. Noor: “*Generating Functions and the Lucky Tickets Problem*”
7. Talk I-3. Varun: “*Minimum Spanning Trees*”
8. Talk I-4. Yuchen: “*Counting with Rotational Symmetry*”
9. Talk I-5. Daniel: “*Combinatorial Games*”
10. Talk I-6. Nargiss: “*Generating functions*”
11. Talk I-7. Eli: “*Fixed Points in Permutations*”
12. Talk I-8. Alicia: “*Matchings in bipartite graphs*”
13. Talk I-9. Yihui
14. Talk I-10. Xiaoyue: “*Marriage Algorithm*”
15. Talk I-11. Jonathan: “*Spectral graph theory and metrics of centrality*”
16. Talk I-12. Alex: “*Dijkstra’s algorithm*”
17. Talk II-1. Chandler
18. 1st quizz (deadline: topic for term paper)
19. Talk II-2. Alicia
20. Talk II-3. Yuchen
21. Susan Ruff: Connectivity lect (1)
22. Susan Ruff: Connectivity lect (2)
23. Talk II-4. Varun
24. Term paper pres. 1+2 (Chandler, Noor)
25. Term paper pres. 3+4 (Yuchen, Varun)
26. Term paper pres. 5+6 (Daniel, Nargiss) (due date: 1st draft of term paper)
27. Term paper pres. 7+8 (Eli, Yihui)
28. Term paper pres. 9+10 (Alicia, Xiaoyue)
29. Term paper pres. 11+12 (Jonathan, Alex)
30. Talk II-5. Daniel
31. Talk II-6. Nargiss
32. Talk II-7. Eli (due date: 2nd draft of term paper)
33. Talk II-8. Yihui
34. Talk II-9. Noor
35. Talk II-10. Xiaoyue
36. 2nd quizz
37. Talk II-11. Jonathan
38. Talk II-12. Alex
39. — (due date final version of term paper)