

MA/CSSE 474 Homework #17 (0 points) Updated for Summer, 2018

**Not required to be turned in for this term.**

Just be sure that you can do the problems.

The final exam will definitely have some questions like the ones in this assignment.

Notice the chart on page 482!

1. 21.1a
2. (t-9) 21.1b
3. (t-9) 21.1c
4. (t-9) 21.1g
5. 21.1h
6. (t-9) 21.1k
7. 21.1p
8. 21.1r
9. (t-9) 21.4
10. 21.5b
11. (t-9) 21.5d Recall that it is possible that a TM neither accepts nor rejects some strings.
12. (t-12) 21.6
13. 21.9b
14. (t-9) 21.9c
15. (t-9) 21.9f
16. 21.14

Additional problems that may help prepare for the exam:

17. 18.1c
18. 18.2a
19. 20.2 a, c, e
20. 21.1d
21. 21.1m
22. 21.1r
23. 21.1u
24. 21.3
25. 21.5d
26. 21.9d
27. 21.9h
28. 21.11