

MA/CSSE 474 Homework #17 (66 points)

Notice the chart on page 482!

1. 21.1a
2. 21.1b
3. 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