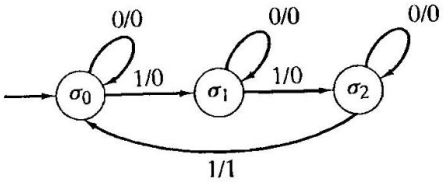
HW 6 Solutions

December 4, 2012

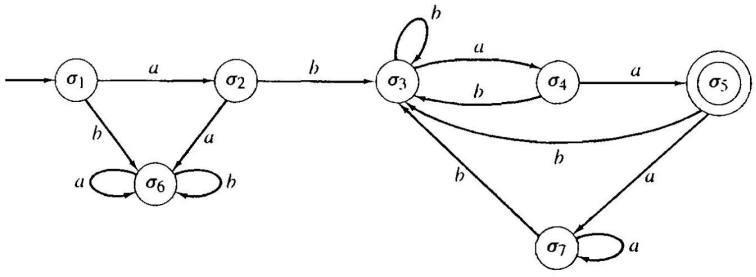
12-1

22.



12-2

31.



12-3

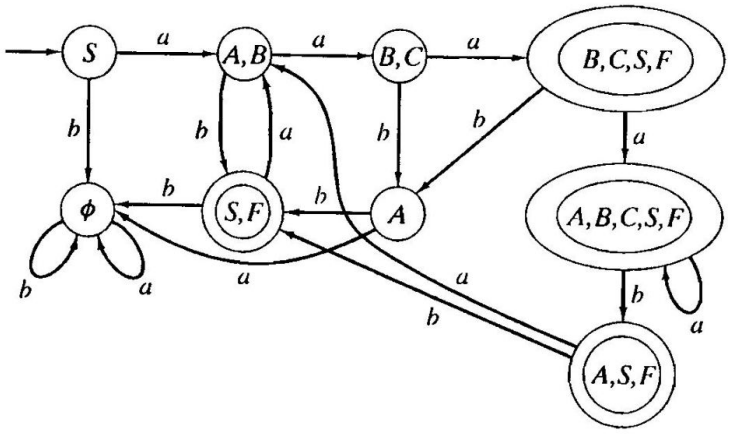
29. This grammar does not generate L; *aabbbbaa* is a counterexample.

12-4

13. Yes. The path $(\sigma, \sigma, \sigma, C, C, C, F)$ represents *bbabbb* and ends at an accepting state.

12-5

6.



13-1

1. See answer on p.749 of the textbook.

13-2

5. (2,1), (9,1), (11,3), (10,17), (3,11)