Assignment 2
due Wednesday, October 14

from the Sipser text:

1. exercise 1.16, part b (1st edition: 1.12(b))

2. exercise 1.19, part b (1st edition: 1.14(b))

3. exercise 1.21, part b (1st edition: 1.16(b))

4. Recall the NFA given in class for the language over \{0,1\} of “all strings that contain 0101”. Convert this NFA to a DFA.

5. exercise 1.31 (1st edition: 1.24)

extra for CIS520 students: exercise 1.41 (not in 1st edition)

comments:

Can email you the diagram for problem 4 if you can’t find it.

Exercise numbers above from 2nd and 3rd editions, with 1st edition numbers in parentheses.