Assignment 2
due Monday, October 18

from the 2nd ed Sipser text:


2. exercise 1.16 (1st edition: 1.12, 3rd edition: 1.16)


4. Here we view a string w over the alphabet {0,1,2} as representing an integer in base three. Give a DFA which accepts w iff (w mod 5) =0.

5. Convert the NFA below to a DFA. It accepts the language over {a,b} of all strings that contain abba.