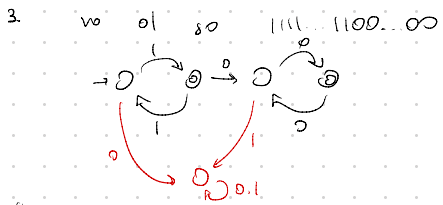
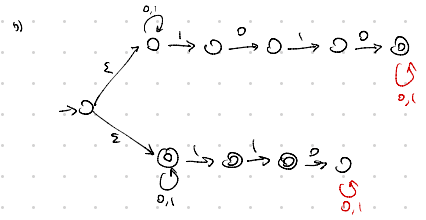
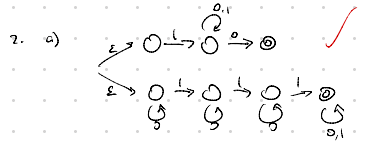
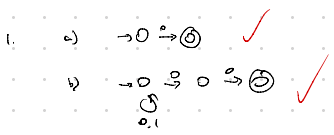
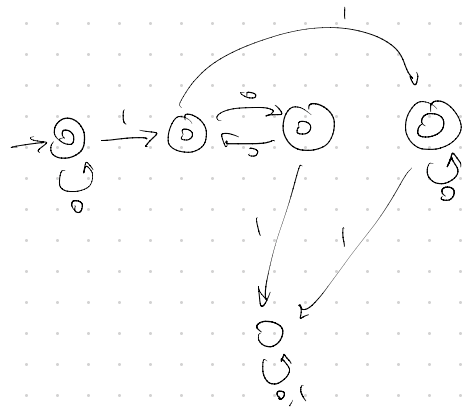


Homework 2

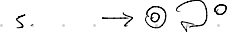


4.



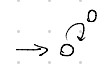
only strings of form

$(0 \dots 0) (0 \dots 0) (0 \dots 0)$
 even 0's
 work

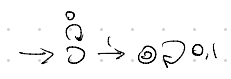


No. this NFA to the left is the NFA for the language that contains only 0's.

The complement of F in this NFA is.



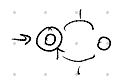
which is not the complement of only 0's aka not only 0's. which would be



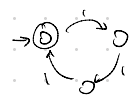
6.



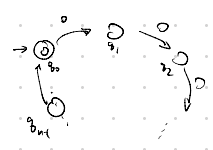
n=1



n=2

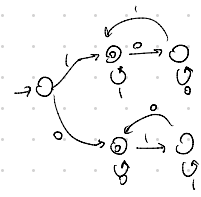


n=3



n

7.



top part of things
 store with 1 die bottom
 push

Homework 2