

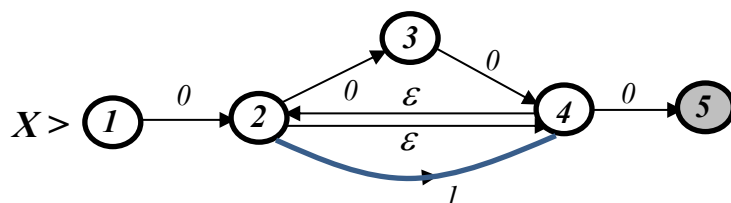
CS 302  
REMOTE QUIZ 2

11 March, 2021

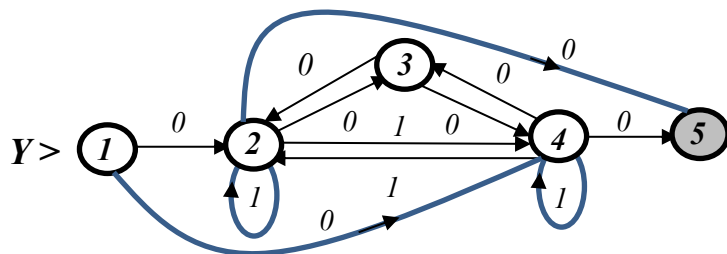
ANSWERS

For the regular expression  $E = 0.(1+0.0)^*.0$   
the automata  $X$ ,  $Y$  and  $Z$  are given below.

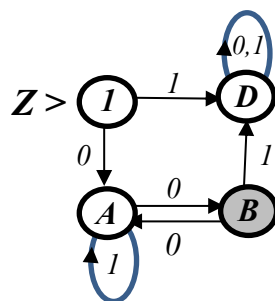
(a) (3 pts)



(b) (3 pts)



(c) (4 pts)



$q$	$\sigma$	$q'$
1	0	2,4 = A
1	1	$\emptyset = D$
A	0	3,5 = B*
A	1	A
D	0	D
D	1	D
B*	0	A
B*	1	$\emptyset$