

CS 302
QUIZ 2

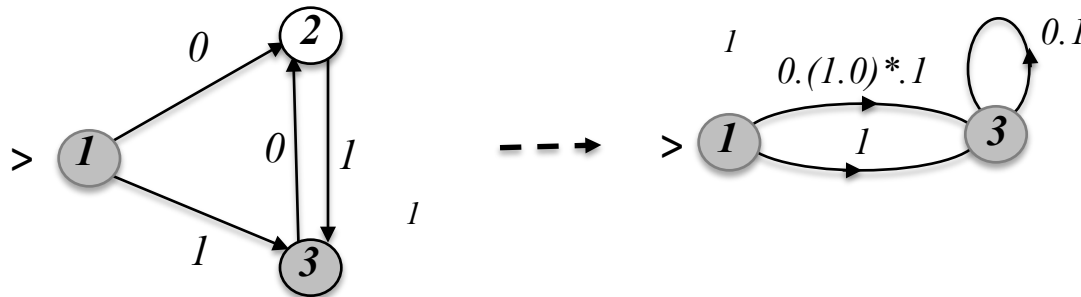
3 October, 2017

Duration : 15 minutes

Do not forget to write your name on your paper !

ANSWER

Step 1 : Eliminate state 2



Step 2 : Final state 3 $E_1 = (1 + (0.(1.0)^*.1)).(0.1)^*$

Step 3 : Final state 1 $E_2 = e$

Result : $E_1 + E_2 = (1 + (0.(1.0)^*.1)).(0.1)^* + e$