

TD 3 :

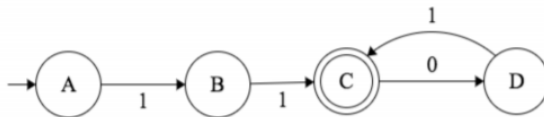
Exercice 1 :

- 1) A^*b^* tous mots contenant une suite éventuelle de A ou B

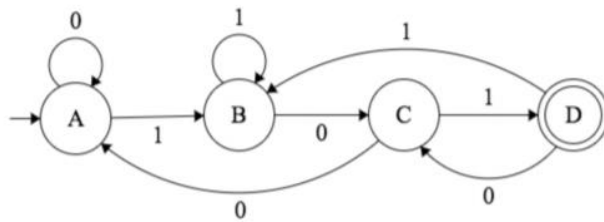


Aaaaaa.... ou Bbbbb...

- 2) $11(01)^*$

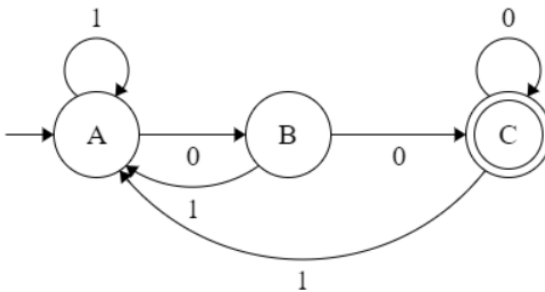


- 3) Tous les mots binaires finissant par 101 : $(0+1)^*101$

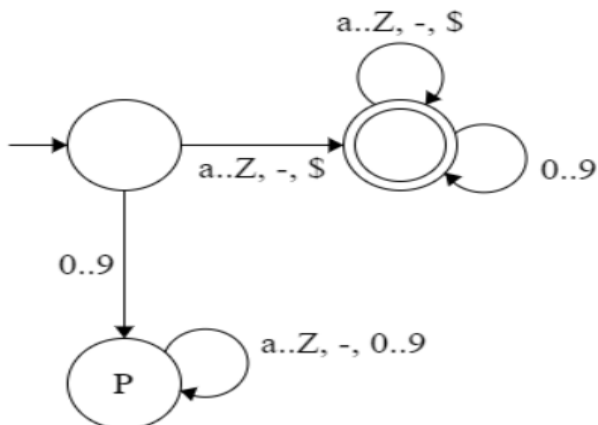


Exercice 2 :

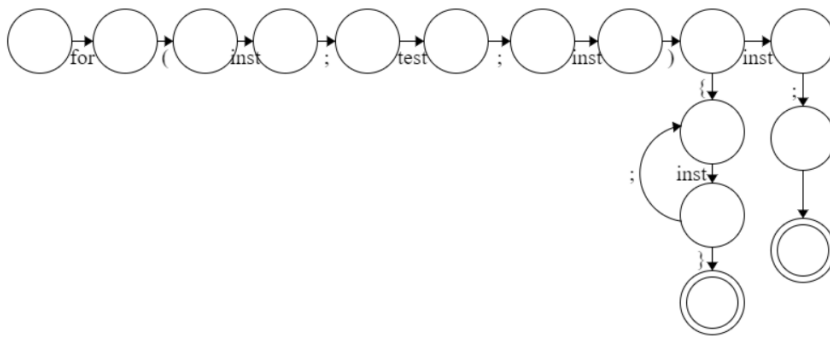
- 1)



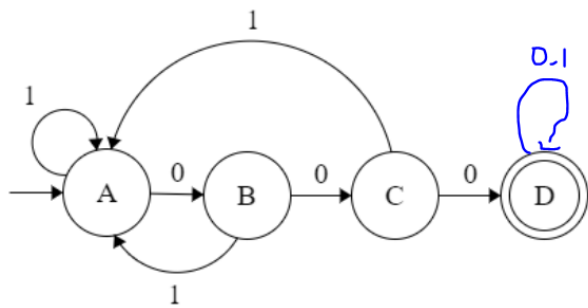
- 2) .



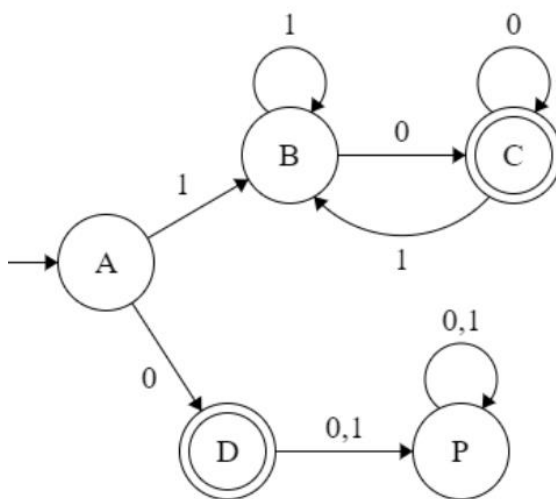
- 3)



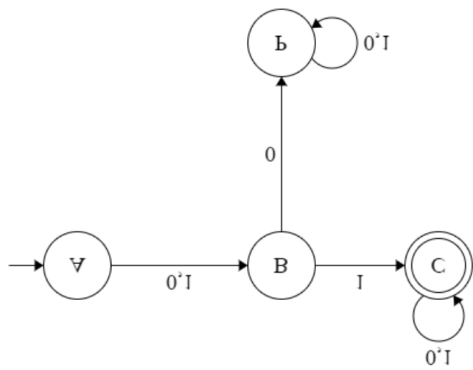
4)



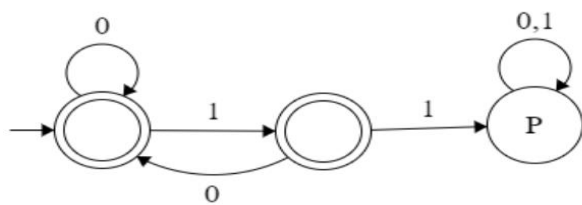
5)



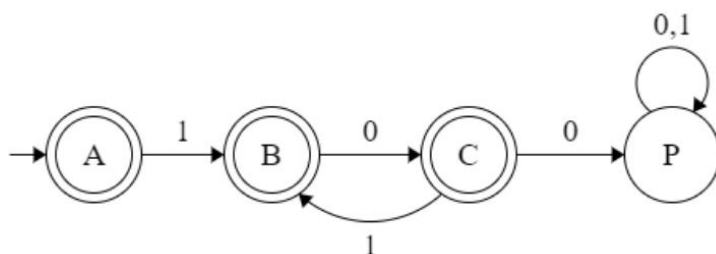
6) .



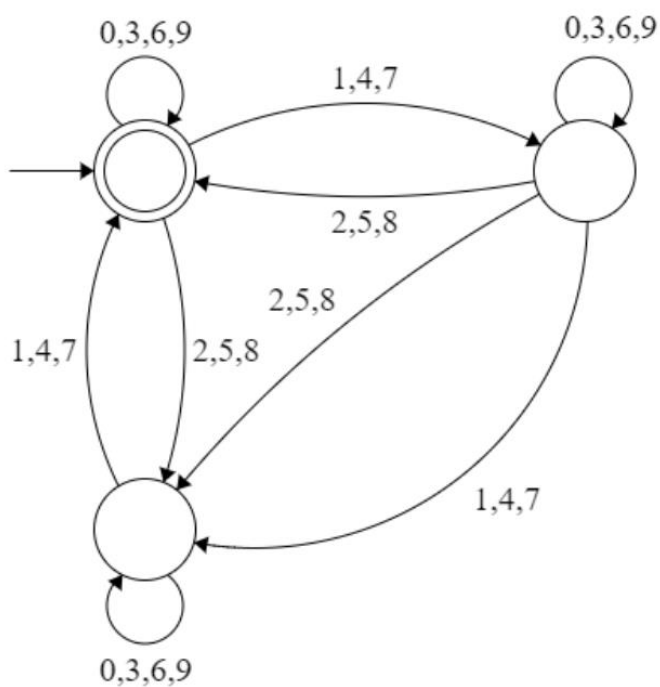
7)



8)

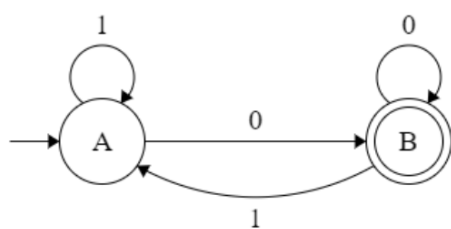


9) .

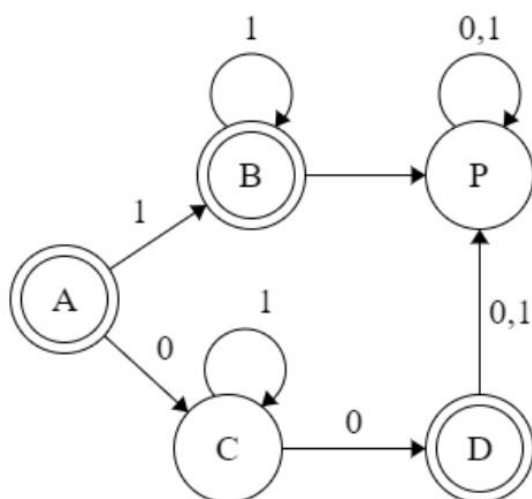


Exercise 3 :

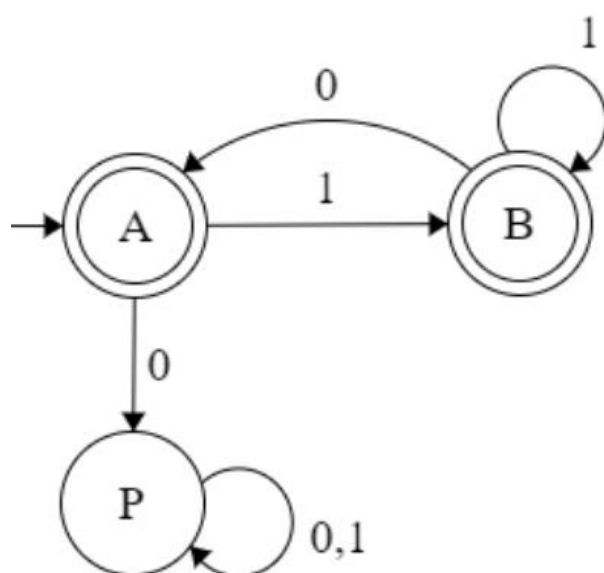
1)



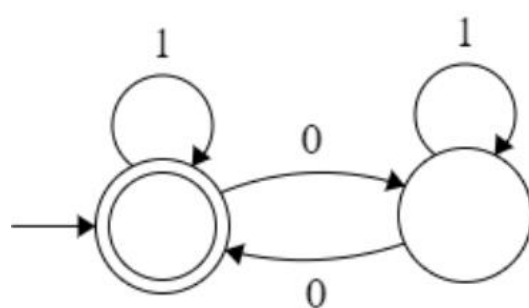
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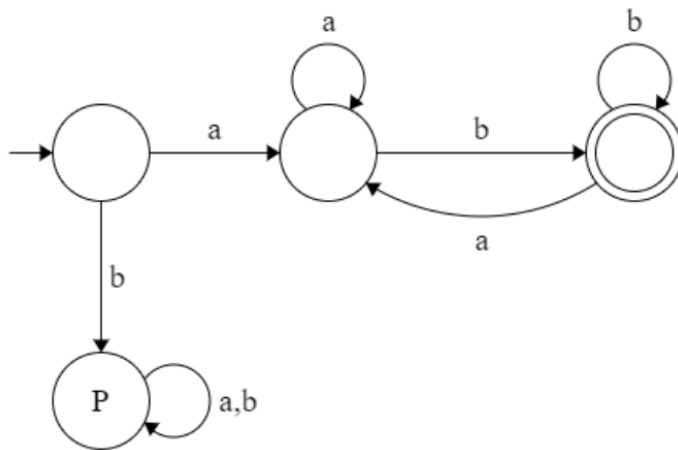
3)



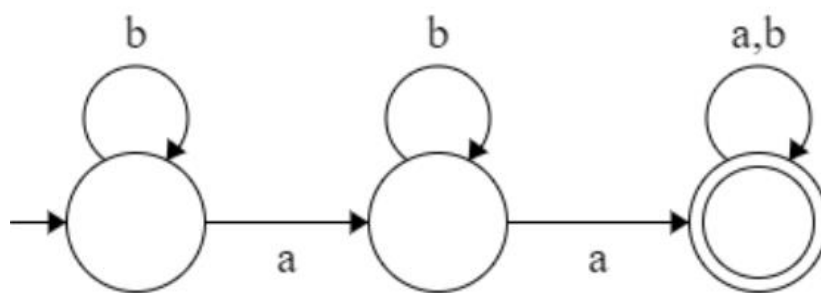
4)



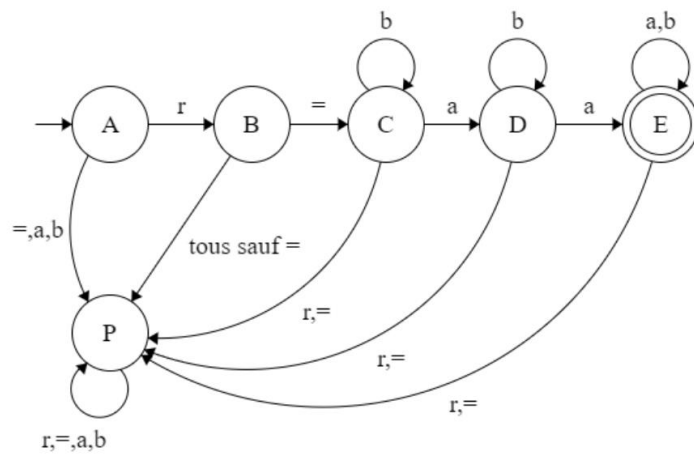
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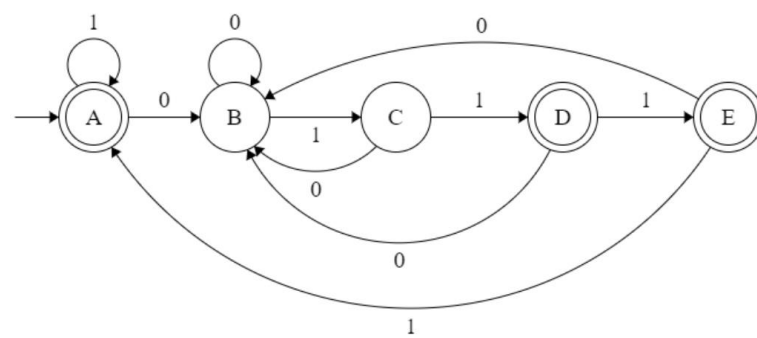
6)



7)



8)



Exercice 4 :