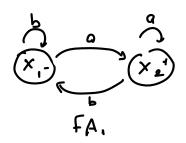
Otomata 28. oder

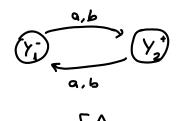
a fikki en son yopilmirtir. Sofyann en saunde yer almaktadir.

b)fA; a'ile biton += kel:mela: leabil ader. fAz: Tek soyide usinlikta olon += n kel:mela: kabil eder.

Alfaba: {a,b}

FA, + FAz ye Losilik pelan sont, otomotog, plus +-runuz.





· 2, 'de a pleunursa

- 2, de "b" olemossa

$$X_2$$
 or $Y_2 = \frac{2}{2}$ final state

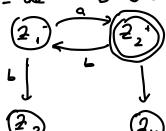
 X_1 or $Y_2 = \frac{2}{3}$ final state

 X_3 or X_4 or X_5 final state

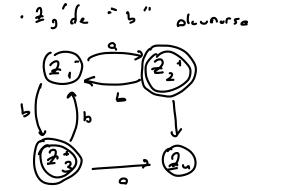
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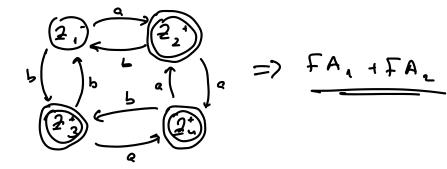
· 2, 'de " a 'demusa x2 or Y1 = 2 4

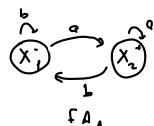
final state



$$x_{1} = x_{1} = x_{1$$



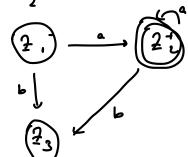




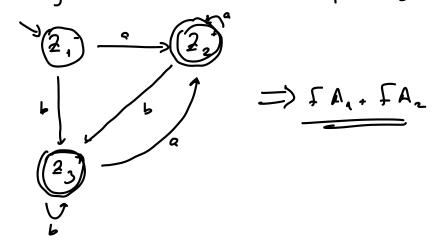
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\end{array}$$

· 2 2 de " o oluniora X2 or Y, = 22

. 22' de "b' sleverse X, or Y = 23



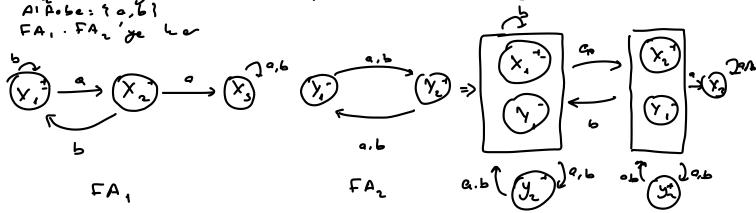
. 20 de "a" okunirse X or V, = 22 . 20 de "b" okunirse X, er V2 = 23



d) fa: "oo" icomayon ton kelimelen: kobul edur.

Fa: Tel soyida harf icom fon kelimelen kobul edur.

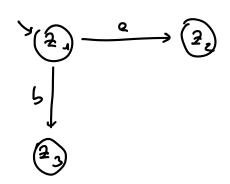
Al fobe: 90,61



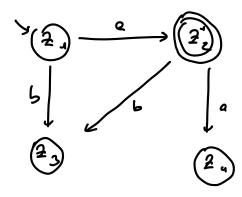
21 = Y1 or Y1

- 21'de "a" o'comusa Y2 or Y1 = 22

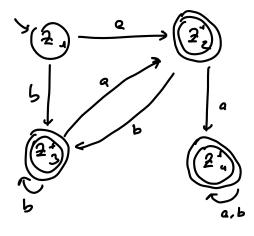
- 21'de "b" o'comusa Y1 or Y2 = 23



- . 22'de "a" demorsa
 . 22'de "b" glemorsa
- Y, or X, or Y2= 24



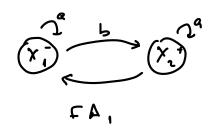
- · 23 de "a' alconorsa
- Y2 or Y1 or Y2 = 22 Y1 or Y2 or Y1 = 23 · 2 . 'de 'a ya da" L" plennersa y:2 2 a olur.



e) FA: Tel soyida b: ceren tembelmole: le dout eolor.

Alfobe. 5 9.67

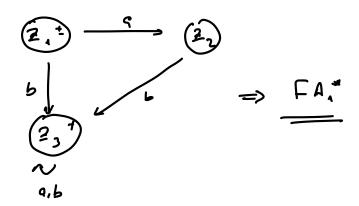
FA, * =?



. Za = aikis durum olan xa -> fA. : ain bos kome olme durum

· 22 = ailis " olmegen X1

· 2 i de "a" oleunursa 22 · 2 i de "a" oleunursa Xi orx2 = 23 · 2 i ole "a" oleunursa 22 · 2 i ole "a" oleunursa 22 · 2 i ole "a" oleunursa 22



f) (0+01)x + (0+01)x T

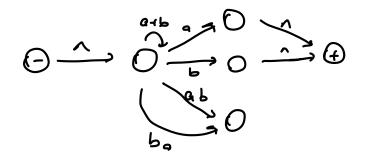
3) (1+ 0(4 1(01 T) + 1 1) t

h) 150 (10 of)*

1) DI + 110 (110) +

5) 14

asopidal: T. G'den desenti (A. E) alde eduse.



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