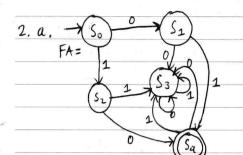
## Muhampad Azhar Rasyad - Teknik Informatika - TBO - Tugas 1

1. a. RE = a\* (ab) (a + b)\*

b. RE= b\* ab\*



RE = (01 + 10)Anggota= $\{01, 10\}$ 

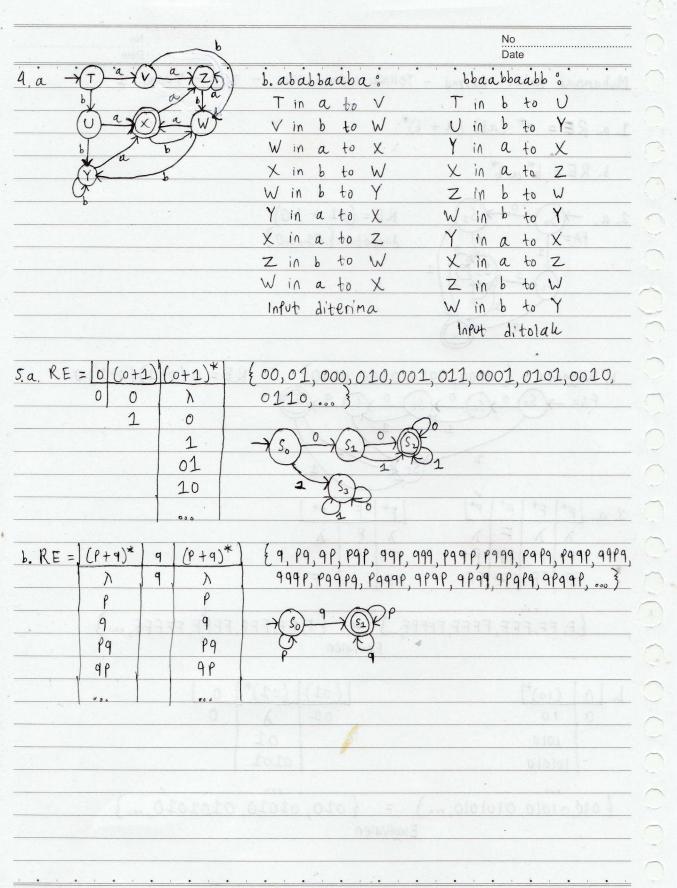
b. Anggota =  $\{0110\}$  RE = 0(11)0  $FA = -(S_0) \circ (S_2) \xrightarrow{1} (S_2) \xrightarrow{1} (S_3) \circ (S_a)$ 

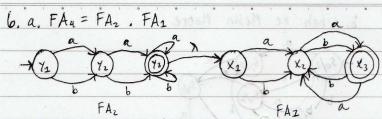
2 0 0 1

					_				
3. a.	F*	F*	F <sup>+</sup>	P*	F*	F	+		
*	Y	Y	F	7	λ	F	λ		
1.3	F	F	FF	F	· In F	4 7 1	F		
	FF	FF	FFF	FF	FF		FF		

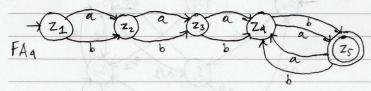
b. 0	(10)+	(01)	(01)*	0
0	10	01	λ	0
	1010	8	01	
	101010		0101	

$$\{010,01010,0101010,...\} = \{010,01010,0101010,...\}$$



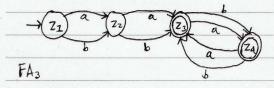


State	a
$Y_1 = Z_1(-)$	Y2 = Z2
$Y_2 = Z_2$	$Y_3 \times_1 = Z_3$
Y3 X1 = Z3	Y3 X2 X2 = Z4
Y3 X1 X2 = Z4	Y3 X1 X2 X3 = 25
$Y_3 \times 1 \times 2 \times 3 = Z_5(t)$	Y3 X1 X2 = Z4
/ 1/2 X	Y



## b. FA3 = FA1 + FA2

State	a	1
$(x_1 + Y_1) Z_1$	$(x_2+Y_2)Z_2$	$(x_2 + Y_2)z_2$
$(x_2 + Y_2) Z_2$	$\left(\chi_3 + \chi_3\right) Z_3$	$(x_3 + Y_3)z_3$
$(x_3 + Y_3) z_3$	$(x_2+Y_3)Z_4$	$(x_2+Y_3)Z_4$
$(x_2 + Y_3) Z_4$	$(x_3+Y_3)z_3$	$\left( X_3 + Y_3 \right) Z_3$



		No Date
a Ganbar Mesin healt	b. Ubah ke Messa Moore	Ga FAG FAG FA
VS a/0 15	a	
730	-1(5d/1) (51/0) a	B) (sy (sy+
6/1 1) 0/0	(52/2) (53/6)	A al
W1 a/1/6/2 53 5 a/1	b a 192	A. A.
(52) 6/1	19 b 550	State
1,52	(5-14)	( ) = Z <sub>1</sub> (-)
1, X2 = 2s	2 = X X 4 = Z 3	Y = Z v
1s Xs Xz = 24	Y2 X4 X4 = Z4	Y <sub>1</sub> X <sub>1</sub> = 2 <sub>3</sub>
a Gambar Mesin Moore	b. Ubah ke Mesir	nealy xxx
a to	a/1	b/0
->(504) (51/1) b (51/2)	150 751	6/0 352
b a b	1 a 1 1/2	×/ 6/1 0/0
a (55/1) a (55)	4	22
a a 331	(1) a/1 (5 <sub>3</sub> ) (0	1.71
(5a/o) b	Sal	b/1 0b/1
(3a/0) 6	34)	ATT PAT - PAT of
(		\$4a42
25(1)+2X)	(x, + Y, ) Z,	15(3+4)
(x3+(3)z3	25 (14 xx)	1 2 2 1 X + 1 X
(x+ Y; )Zx	(xx+Yx)Z4	1. (5 ( o Y + o x )
(x3+Y3)Z3	eS(eY+.ex)	1 (x+x).
	1	
	V 0 (3)	(2) (2) (2) (-
	(A)	1 1
		eAH.