## TUGAS 12 TEORI BAHASA DAN OTOMATA

Diajukan untuk memenuhi salah satu nilai mata kuliah Teori Bahasa dan Otomata

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INSTITUT TEKNOLOGI GARUT
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1), a a b
1). a a b  1 2 3 VIJ=VIk-vibJk  1->1 A,c A,c B -> J= 2i = 1,2 k=1  2 B S.C 3  3 B
Baris 2 VI2 - VIL - V21 = 90- Ac AA, AC, CA, CC PHANY, Y 4 7 B
= A, & H B = AB, AC = 8, C , Ø V(3=V(V+X)) = A, E + A) = AA, AC, CA, CC = U, V, V, B

e Par	
3	2. > 'aabab' SURITANO
	La la hal
	JACACB A.G.B VI = Vik-vi
	3 S.C A.S S.C JE.
	3 BACESOC
THE	WS, RC B
TIC	518:0
-	
TI	->)==21 = (, 2, 3, v) (e=1   baris ke 2)
T	
3	V12 = 10 V11 - V21
	= Ae-AC = AA, AC, CA, CC =
<b>3</b>	2 = 0 0 0 B
	$V_{22} = V_{21} - V_{31}$
	= AC-B = AB, CB
	= S,c, Ø
3	

e Par	
3	2. > 'aabab' SURITANO
	La la hal
	JACACB A.G.B VI = Vik-vi
	3 S.C A.S S.C JE.
	3 BACESOC
THE	WS, RC B
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TI	->)==21 = (, 2, 3, v) (e=1   baris ke 2)
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3	V12 = 10 V11 - V21
	= Ae-AC = AA, AC, CA, CC =
<b>3</b>	2 = 0 0 0 B
	$V_{22} = V_{21} - V_{31}$
	= AC-B = AB, CB
	= S,c, Ø
3	

	6
V22 = V31 - Vn1	6
= B - AC = BA - BC	6
= A, S	6
	•
Vuz= Vu1 - V51	1
= A,C - B = AB-CB	5
= S.c, Ø	(3
	(
Baris 3 NURIHANDO	-
	(
->j:3,j:/1/2,3 k:/// 2	(2
V12 = M1-1/22	6
= Ac (Ace = AA, Ac (CA.Ce)	9
= 16,00,00 B	
Va 1 - ( & ) 7 /	(I
	2
= V12-V31	8
= B - AS, = BA - BS	
A many of the	( )
<u>k</u> L	0
V22 = V21 - V32	0
= AL, AS = AA, AS, CA, CS	
= 0, 0, 0, 0	0
¥2 = X11- VUI	E
- S.e. Ac = SA-Sc, CA, CC	
= Ø, Ø Ø, B	6

3	
1	<b>k</b> 1
1	V33 = V31 - Vu2
T	= B, Sc = B\$, BC
-	= Ø > S
	<u> </u>
	= N° 0 = N° 0
	= AS, B = AB, SB = SG, O
	and the state of t
1	Lang to 900 RIHAMO
3	
	): 4, i = 1,2, k= 1,23
TO TO	Viu = VII - V23
C	= Aze-B = ABzeB
-3	= 8c,78
13	<u>k2</u>
*3	= V12 - V32
43	A PARTICULAR OF THE CONTROL OF THE C
3	- ρ , ψ
3	+3 - V12 - V11
63	= B,A - AC = BA, BC, AA, AC
	= p, g, y Ø
E	
50	
23	•••
	100

K
V2n = V21 - V 33
= AC-SC = AS, Ac, CG, CC
= 0, 6, U, B,
kz.
-V22 - VU2
- S.c - 80 = SS, Sc, CS, CC
= 0.46,3
VII - VENURIHAND
- 15 - 15 - 17 5 1
1 = WIII 2
1 101 1
(Bans Ec S)
): 5 1=12 de 21,72,7, 4
101
: V 4 - V2 4
= A, C B = AB, CB
= 8, c , y
102
=V12 - V33
= B - 8C = BS, BC
- M - S
2 4 1 0

0	43
1	13 - Yuz
	= BD, SC = BS, BC, AS, AC
	= Ø, S, Ø, Ø
-	by
	V14 - V51
1	= 8,A,C-B = SB, AB, CB
	= Ø , s, & Ø =
	Maka String "aabab" di terma karena
	Pada can lecachie Vie Terlagat 9.

						No.		
						Date:		
	Dif.	1-1-	<del></del>	· · · ·	-			
		fata						
	Dik -	TBBK				,		
		AB	00					
	5-7		BC					
	0 .	7	<u>а</u> Ь					
		1						
		110	Ø P	1.	В	1.		
	A,c	AC	В	A.C		AIC		
	a	· a	Ь	d	b	q		
<del></del>	1	2	3	1	B	٠	1	
	AC	A.C S.C	A.S	S.C	Ais	A,C		-
	8	B	5,0		FILL			
4	B		B'B	Ø		P		_
	5,CA 5,C	SICIA	0.0			34		
<u> </u>								_
	15 /115							
-	1/	. 1/ .	VI. I	- 1 ( -	A . c	= AA ,A	10.04	CC
	V 12	, 011 -	01.	- A/C			Ø Ø	
	1/	: \/a1 -	-V21	= A,C -	b	= AB,		, 9
	V22	0.21	31	Fire	_5_	= S.C	Co	
<u> </u>	V32	· V21	-1/01	= B -	A.C		BC	
	V 3 Z	, , ,	- 0 4.			=A IS		
	V42	: 1/41	-Vs1	= A /C	- B		, CB	
						= 5,0		1
	1/52	: V=1	- 1/4	1 = R -	- A	C = BA		
		, , ,				= A	, 5	W.E
	V13	: kı			k.			
		: V11	- V22	1			V31	il also
			- 5.0		=			-
				cs.cc.	B =		Ø.	
							- 130	257

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	V23	= ki		k z
	V23	= V21 - V 32	n =	= V22 - V41
				= 022 - 041
		$= A \cdot C - A \cdot S$		= 5,c - A,c
		· AA,AS,C	A,CS:	= p = SA, SC, CA, CC
				= B
	1/			· · · · · · · · · · · · · · · · · · ·
	V33	= k1		cz
		= V31 - V42		= V32 - Vs1
		= 13 - s,c		= A.S - B
		= Bs, BC :	= 5	= AB, SB = S,C
	. ,			
	Va3	= k1		k <sub>2</sub>
		= V91 - V52		= V92 - V51
		: A.C - A.	5	= s,c - B
		= AA, AS, CA	1, Cs =	$= s_{i}c - B$ $\emptyset = s_{i}B, c_{i}B = \emptyset$
	V14	= k1	- lc 2	
		= V11-V23		2-13-141
		= A , c - B		-A,5 = 13 - A,C
		= AB,CB		I,BS = BA,BC
		= 5 , C	= A	= AIS
7-	V24		kz	163
7		= V21 - V33		2-V42 = V23 - V41
		= A, C - S, C	= 5,	( - SC = B - A, C
		= As. Ac, cs, co	= 55	, SC , CS, CC = 13A , BC
	100	= B	= B	= A .S
	Lamenta	esan sa		
		W	177	
				7 239
				- B@W

			No.	
			Date:	
U 1/3	9 = ,  c	<del>,                                    </del>	C2	£3
	= V31 - V43	= V:	32 - 1/52	= V33 - V61
	= 13 - 10	= A	s - Ais	= Sic - Aic
	= B	7		s = SA, SC, CA.
		= Ø		= 8
		•		
- Vis	=  c	叁	1	**
	= V11 - V24			
	= A.C - B.A.S			
	= AB, AA, AS, CB	, CA ,CS		
	= 5.0			
	= k2	- k	3	= kq
	= V12 - V33	- V	13-V-2	= V19-V51 = 5,CA-B
	= B - S.C			
	= BS , BC = S	= B	BS,BC=9	5 = SB, GB, AB
				= 5; c
\ \v_2	s = k1		. k2	
	=V21-V34		V22 - V43	
	= A,C - B,B		- s.( - Ø	
	= AB, AB, CB	,CB :	= 5 ·C	
	= 5 ,5			
	>   c 3		> = 4	
	= V23 - V52		> V29 - 1	V61
	= B - A.S		= B,Ais -	
	= BA , BS		= 13A, 13c	, AA, AC, SA.
	= A ,		=A.5.	
				{
				- BG22

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	No.
= VII - V25 = A 1 C - S . C . A = A 5 . A C . A A . C . C . C A = B = k2	Date:
= A 1 C - S . C . A  = A 5 . A C . A A , C 5 . C C . C A  = B  = k 2  = k 3  = V 12 - V 34 = V 13 - V 4 3  = B - B . B = B - Ø  = B B . B B = B  = V 14 - V 5 2  = 5 . C . A - A . S  = 5 A , S 5 . C A . C 5 . A A . A S  = B - A . C  = B - A . C  = B A ; B C  = A , S    Panjang String G karener barrs he & = B . A .   dan Mangandung state awar mater acababa   termasuk dalam bahasa tersebut.	Vil = ki
= AS, AC, AA, CS, CC, CA  = B  = k2	= 11- 125
= AS, AC, AA, CS, CC, CA  = B  = k2	= A 1 C - S , C , A
= B  = k2	
= kz = kz  = V12 - V34 = V13 - V43  = B - B.B = B - Ø  = BB, BB = B  = Ø  = k4  = V14 - V52  = SA, SS, CA, CS, AA, AS  = SA, SS, CA, CS, AA, AS  = W  = ks  = V15 - V61  = B - A, C  = BA; BC  = A, S  Panjang String G karenor barrs he G = B, A, dan Mengandung state awar makar arababa  Itermasuk dalam bahasar tersebut.	
: V12 - V34	
= B - B · B = B - Ø  = BB · BB = B  = V14 - V52  = SA · SS · CA · CS · AA · AS  = B  = ks  = V15 - V61  = B - A · C  = BA · BC  = A · S    Panyang String G karenor barrs he G = B · A · S    dan Mengandung state awar · makar arababar   termasuk dalam bahasar tersebut.	= k2 = k3
= B - B · B = B - Ø  = BB · BB = B  = V14 - V52  = SA · SS · CA · CS · AA · AS  = BB · A · C  = BA · BC  = A · S    Panyang String G karenor barrs he G = B · A · B   dan Mengandung state awar · makar arababar   termasuk dalam bahasar tersebut.	$= \sqrt{12} - \sqrt{34} = \sqrt{13} - \sqrt{43}$
= \$\begin{align*} & = \begin{align*} & = ali	= B - B · B = B - Ø
= kq  = V14 - V52  = S.(.A - A.S)  = SA, SS, CA, CS, AA, AS  = B  = ks  = V15 - V61  = B - A.C  = BA; BC  = A, S  Panjang String G karena baris he G = B.A.  dan Mengandung stati awai . maka aababa  stermasuk dalam bahasa tersebuit.	= BB , BB = B
= V14 - V52  = \$.(.A - A.S)  = \$A, \$S, \$CA, \$CS, \$AA, \$AS  = \$B  = ks  = V15 - V61  = \$B - A.C  = \$BA; \$BC  = A, \$  Panyang String & Farence barrs he & = B.A.  dan Mengandung state awar maker alababa  stermasuk dalam bahasa tersebut.	= Ø
= V14 - V52  = \$.(.A - A.S)  = \$A, \$S, \$CA, \$CS, \$AA, \$AS  = \$B  = ks  = V15 - V61  = \$B - A.C  = \$BA; \$BC  = A, \$  Panyang String & Farence barrs he & = B.A.  dan Mengandung state awar maker alababa  stermasuk dalam bahasa tersebut.	·
= S.(.A - A.S = SA, SS, CA, CS, AA, AS = B = ks = VIS - VbI = B - A.C = BA; BC = A, S  Panjang String G karence barrs he G = B.A. dan Mengandung state awar maka aababa fermasuk dalam bahasa tersebut.	
= SA, SS, CA, CS, AA, AS  = \( \begin{align*}	= V14 - V52
= ks  = Vis - Vui  = B - A, C  = BA; BC  = A, S  Panjang String G karena baris he G = B, A;  dan Mangandung stati awai maka aababa  fermajuk dalam bahasa tersebuit.	= S.(.A - A.S
= ks  = Vis - Voi  = B - Aic  = BA; BC  = A, S  Panjang String G Farence barrs fre G = B, A;  dan Mengandung state awal maker alababa  fermasuk dalam bahasa tersebut.	= SA, SS, CA, CS, AA, AS
= VIS - VOI  = B - A,C  = BA; BC  = A,S  Panyang String G karence barrs he G = B,A;  dan Mengandung state awal make alababa  fermasuk dalam bahasa tersebut.	= 10
= VIS - V61 = B - A,C = BA; BC = A,S  Panyang String G karenor barrs he G = B,A; dan Mengandung state awar makar alababa  fermajuk dalam bahasar tersebut.	
= B - A,C = BA; BC = A,S  Panyang String G karenor barrs he G = B,A;  dan Mengandung state awar makar aababa  fermasuk dalam bahasar tersebut.	
= BA; BC = A, S    Panjang String G karenor barrs he G = B, A,   dan Mengandung state awar maka aababa   termajuk dalam bahasa tersebut.	= V15 - V61
= A, S    Panjang String G karenor barrs he G = B, A,   dan Mengandung state awar, maka aababa   termajuk dalam bahasa tersebut.	
Panjang String 6 karenoi baris lee 6 = B.A.  dan Mengandung stati awai . Maka aababa  fermajuk dalam bahasa tersebut.	
dan Mengandung stati awai . maka aababa  fermajuk dalam bahasa tersebut.	= A, S
dan Mengandung stati awai . maka aababa  fermajuk dalam bahasa tersebut.	
fermajuk dalam bahasa tersebut.	- B. H. J.
	fermajuk dalam bahasa tersebut.