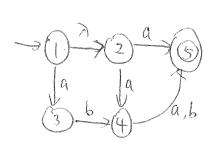


$$b^*(a + aa^*bbb^*)^*b^*$$

$$90 \rightarrow 690 | 991 | 8$$
 $91 \rightarrow 990 | 991 | 8$
 $91 \rightarrow 690 | 8$
 $92 \rightarrow 690 | 8$



	1 0	. /
#10Personance of the Conference of the Conferenc	19	16
109	{0,1}	{0}
{0,1}	{0,1,0}	{0,2}
{0,1,φ}	{o,1, \$\phi\}	{0,2,φ}
{0,2}	{0,1,3}	10,07
20,2,φ}	((0,1,3,4)	150, dy
{0,1,34	{0.1,3,6}	{ 50,2,3 }
{0, φ}	$\{0,1,\phi\}$	{0,04
{0,1,3,\$}	{0,1,3\$}	{0,2,3,4}
{0,2,3}	€0.1.3}	{o,3,\$}
0,2,3,47	{0,1,3,\$}	{ο,3,φ}
The Real Property and the State of the State	l	1

{0,3,\$} {0,1,3,\$} {0,2,\$}		a	16
	{0,3,\$}	{0,1,3,p}	{0,3,\$}

3.
$$W=xyz$$
,
 α . Let $X=\alpha^{k-m-n}$, $Y=\alpha^m$, $Z=\alpha^nb^{2k}$, $m>0$, $n>0$
Let $l=2$, $xy^2z=\alpha^{k-m-n}-\tilde{\alpha}^m$. $\alpha^nb^{3k}=\alpha^{k+m}b^{2k}$, £L , contradiction

{ by | { by

b. Let
$$x=\alpha^{k-m}$$
, $y=a^m$, $z=b^{2k}$, $m=0$
Let $i=1$, $xy^2z=\frac{a^k-m}{\alpha-b}$, $a^{k-m}a^{2m}b^{2k}=a^{k+m}b^{2k} \notin L$ contradiction.

3. 6. Assume Lis regular

3.
$$W=XyZ$$
 a. Let $X=a^{k-m-n}$, $Y=a^m$, $Z=a^nJ^{k+2}$, $m,n>0$,
Let $i=2$. $Xy^2z=a^{k+m}J^{k+2} \notin L$
b. Let $X=a^{k-m}$, $Y=a^m$, $Z=J^{k+2}$, $m>0$, Let $i=2$, $Xy^2z=a^{k+m}J^{k+2} \notin L$

 $L=\alpha^*b^*$, regular.

3 b

Assume Li's regular.

- 1. Let P=k.
- 2. Let $W = a^k b^{2k}$
- 3. Same as 3a.

3. e. Assume Lis regular

- 1. Let p=k,
- 2. Let W= akjkakjk

3. Same as proving all not regular.

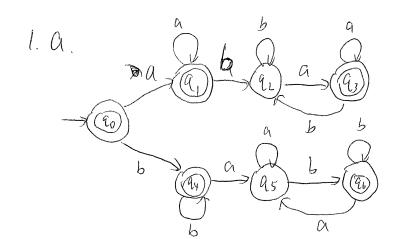
3- Let 18 24,2,

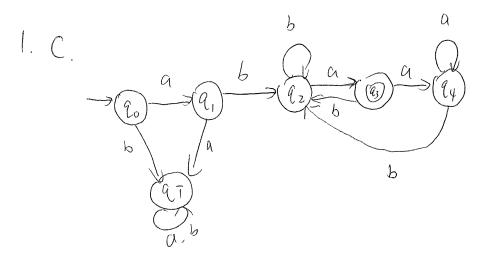
3.a.Let W=xyz, X= ak-m-n, y=am, Z=ababk

Let l=2, xy2z = ak+m bkabb, because first ak+m is no longer the same length as ak, xy2z &L

b. Let X= ak-m y=am, z= bkakbk

Let i=2, xy2z = aktm bk abk &L





	•	
•		