

Tugas 3

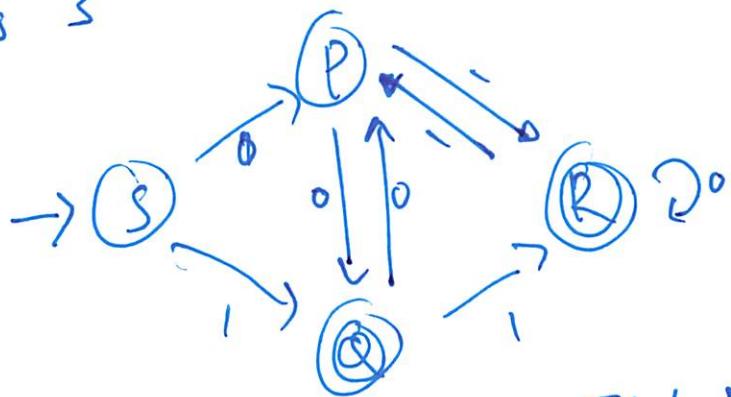


Table transisi:

S	0	1
S	P	Q
P	Q	R
Q	P	R
R	R	P

$$Q = \{ \$, P, Q, R \}$$

$$\Sigma = \{ 0, 1 \}$$

$$S = S$$

$$f = \{ Q, R \}$$

Diterima.

- 010 $\rightarrow \downarrow \uparrow \downarrow$
- 100 $\downarrow \uparrow \downarrow$
- 001 $\rightarrow \downarrow \uparrow$
- 101 $\downarrow \uparrow \downarrow$
- 1100 $\downarrow \uparrow \uparrow \downarrow$

Ditolak.

- 000 $\rightarrow \downarrow \uparrow \uparrow$
- 111 $\rightarrow \uparrow \uparrow \uparrow$
- 011 $\rightarrow \downarrow \uparrow \uparrow$
- 10 $\downarrow \uparrow$
- 0101 $\rightarrow \downarrow \uparrow \uparrow \uparrow$

Soal 2.

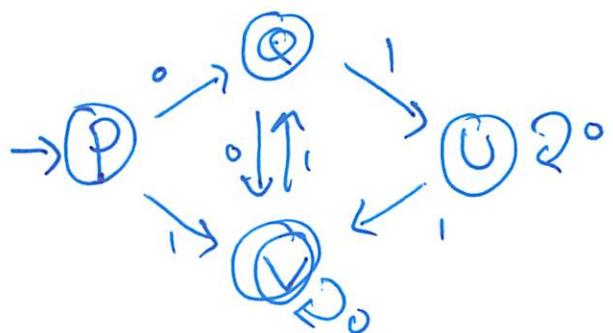
δ	0	1
P	Q	V
Q	V	U
V	V	α
U	U	V

$$\Omega = \{P, Q, U, V\}$$

$$\Sigma = \{0, 1\}$$

$$s = P$$

$$t = V$$



diterima.

a. 00 $\rightarrow \downarrow$

b. 011 $\rightarrow \downarrow \downarrow$

c. 100 $\rightarrow \overline{2}\overline{2}$

d. 0101 $\rightarrow \overline{2}\downarrow$

e. 000 $\rightarrow \downarrow \overline{2}$

ditolak.

a. 010 $\rightarrow \downarrow \overline{2}$

b. 001 $\rightarrow \downarrow \uparrow$

c. 111 $\rightarrow \uparrow \downarrow$

d. 101 $\rightarrow \overline{2}\uparrow$

e. 0100 $\rightarrow \downarrow \overline{2}\overline{2}$.