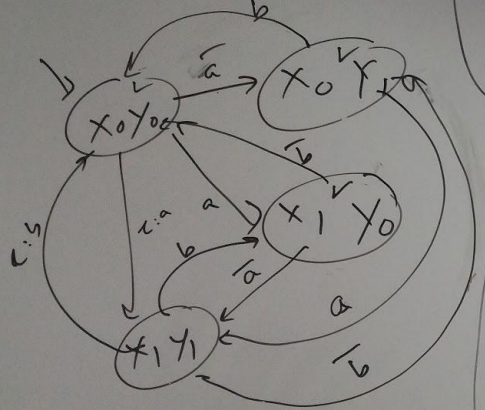
② $X = a \cdot \overline{b}^{r1} \cdot X$

$Y = \overline{a} \cdot \overline{b}^{r1} \cdot Y$

$S = X \mid Y$

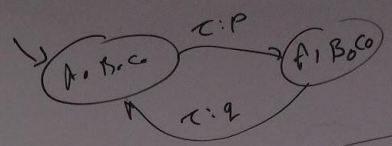


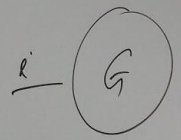
③ $A = p \cdot q \cdot A$

$B = \overline{p} \cdot B$

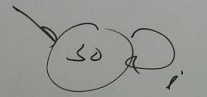
$C = \overline{q} \cdot C$

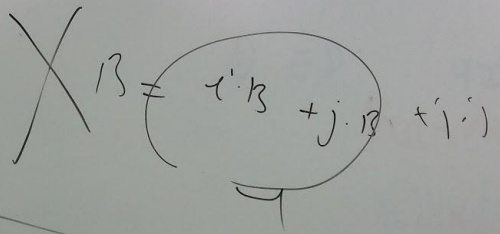
$S = A \mid B \mid C \mid (p,q)$

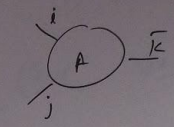




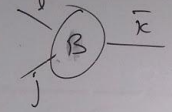
$G = i \cdot G$



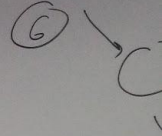


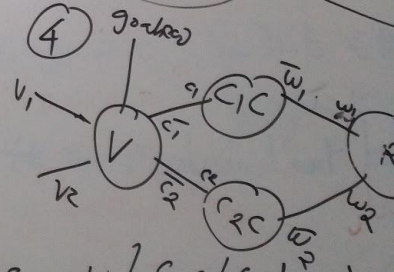
① 

$A = i \cdot \overline{k} \cdot A + j \cdot \overline{k} \cdot A$

⑦ 

$B = i \cdot j \cdot \overline{k} \cdot B + j \cdot i \cdot \overline{k} \cdot B$

⑥ 

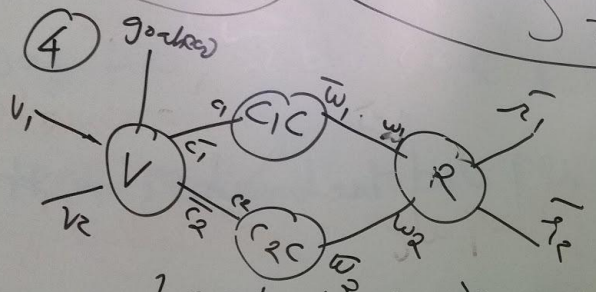
④ 

$SYS = V \mid C_1 \mid C_2 \mid R$

$i \cdot j \cdot \overline{k} \cdot B + j \cdot i \cdot \overline{k} \cdot B$

$B : p \cdot q \cdot 0 + s \cdot \overline{r} \cdot 0$

$S = A \,/\, B \setminus \{p, q, 1, s\}$



$V = gochead.V' \quad V' = v_1 \cdot \overline{c_1} \cdot V + v_2 \cdot \overline{c_2} \cdot V$

$c_1c = c_1 \cdot c_1 \cdot c_1 \cdot \overline{w_1}$

$c_2c = c_2 \cdot c_2 \cdot c_2 \cdot \overline{w_2}$

$R = w_1 \cdot \overline{r_1} + w_2 \cdot \overline{r_2}$

$SYS = V \,/\, c_1c \,/\, c_2c \,/\, R \setminus \{c_1, c_2, w_1, w_2\}$

$B' = \overline{p_1}$

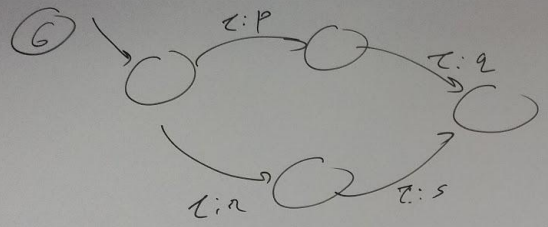
$C = p_1$

$R = p$

$T = tic$

$T' =$

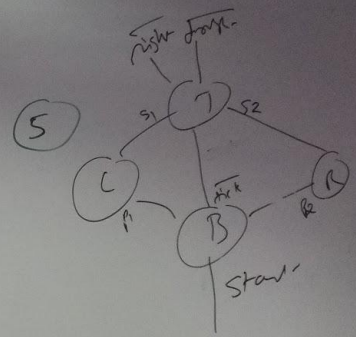
$Reg =$



$A: \ \overline{p} \cdot \overline{q} \cdot 0 + \overline{s} \cdot \overline{r} \cdot C$

$B: \ p \cdot q \cdot 0 + s \cdot \overline{r} \cdot 0$

$S = A \mid B \setminus \{p, q, r, s\}$



$S_1 \ldots S = B \mid$

$B = start \cdot B'$

$B' = \overline{p_1} \cdot \overline{p_2} \cdot \overline{tick} \cdot B + \overline{p_2} \cdot \overline{p_1}$

$C = p_1 \cdot \overline{s_1} \cdot C$

$R \ldots p_2 \ldots$

$T = tick \cdot T'$

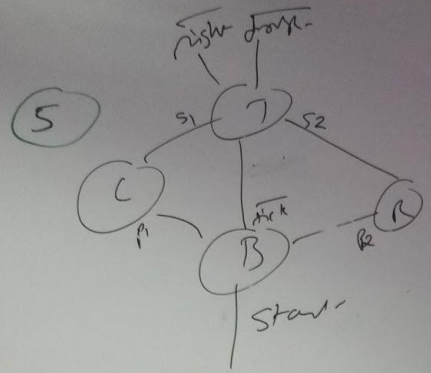
$T' = s_1 \cdot s_2 \cdot Res.T +$

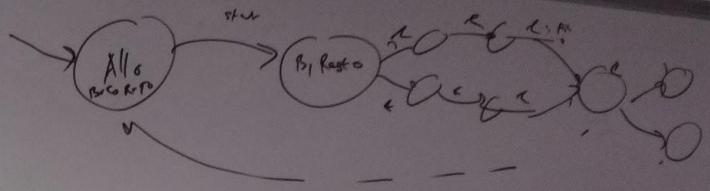
$V = gochead \cdot V' \quad V' = v_1 \cdot \overline{c_1} \cdot V + v_2 \cdot \overline{c_2} \cdot V$

$\ldots + j \cdot \overline{c} \cdot A$

$\ldots \cdot B + j \cdot i \cdot \overline{c} \cdot B$

4 gochead





$Sys = B \mid C \mid R \mid T \setminus \{ p_1, p_2, s_1, s_2, tick \}$

$$\begin{cases} B = start \cdot B' \\ B' = \overline{p_1} \cdot \overline{p_2} \cdot \overline{tick} \cdot B + \overline{p_2} \cdot \overline{p_1} \cdot \overline{tick} \cdot B \end{cases}$$

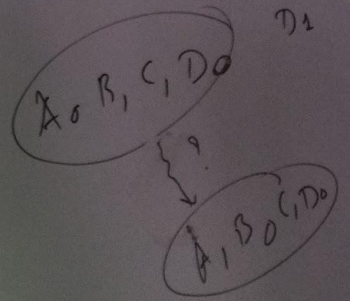
$C = p_1 \cdot \overline{s_1} \cdot C$

$R = p_2 \cdot \overline{s_2} \cdot R$

$T = tick \cdot T'$

$T' = s_1 \cdot s_2 \cdot Res.T + s_2 \cdot s_1 \cdot Res \cdot T$

$Reg = \overline{right} + \overline{down}$



$\overline{s} \cdot \overline{r} \cdot C$

$s - \overline{r} \cdot C$

$\{ p, q, 1, s \}$

$V' = v_1 \cdot \overline{c_1} \cdot V + v_2 \cdot \overline{c_2} \cdot V$

$R = w_1 \cdot \overline{r_1} + w_2 \cdot \overline{r_2}$