

Lecture # 14State n/c.  $\rightarrow$ Mod  $\rightarrow 7$ 

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001

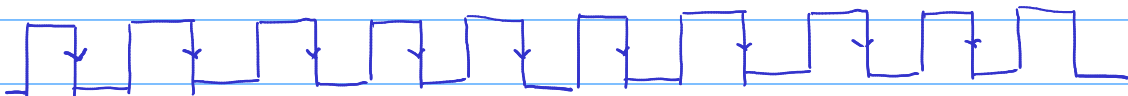
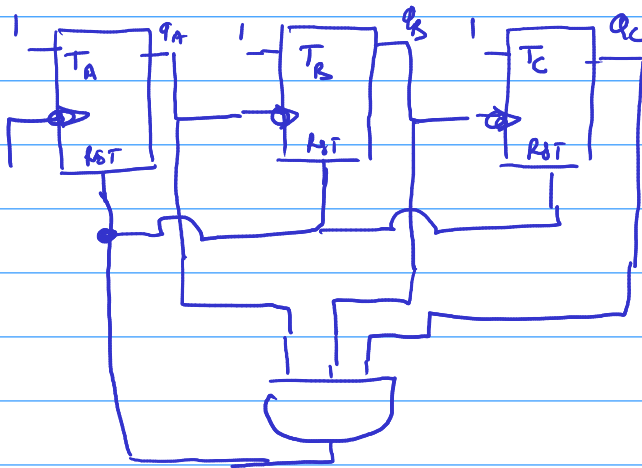
010

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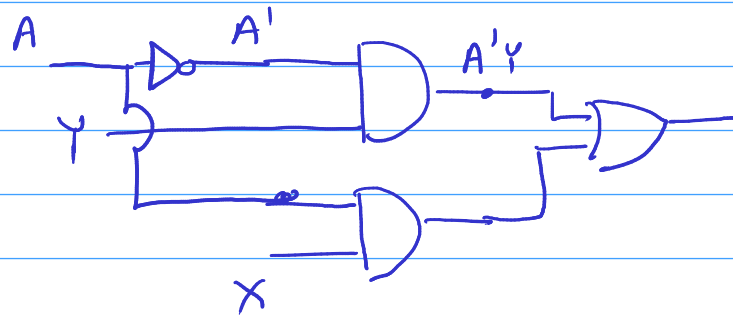
$Q_C$  0 1 0 1 0 1 0 1 1

$Q_B$  0 0 1 1 0 0 1

$Q_A$  0 0 0 0 1 1 1

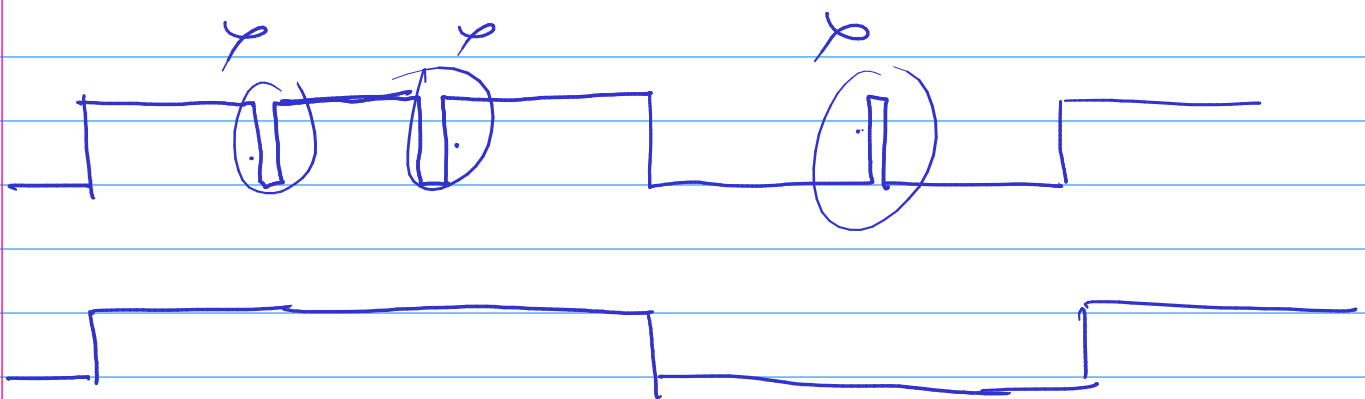
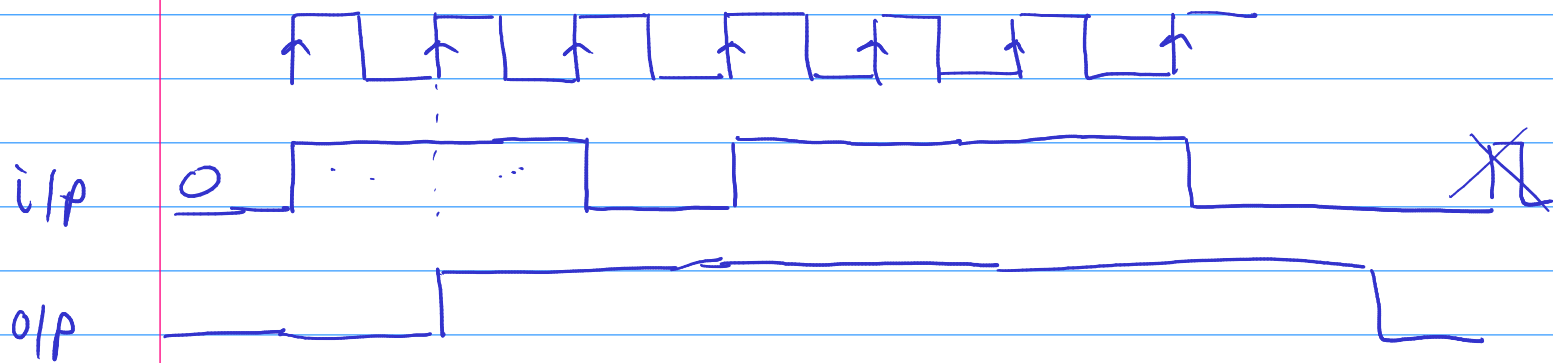
$$\text{O/p} = \overline{X}A + A'Y = 1$$

$A \rightarrow A'$   
 $X$   
 $Y$



$$A = 0 \rightarrow A = \textcircled{1}$$

$$A' = \textcircled{1}$$



$$X \Rightarrow$$