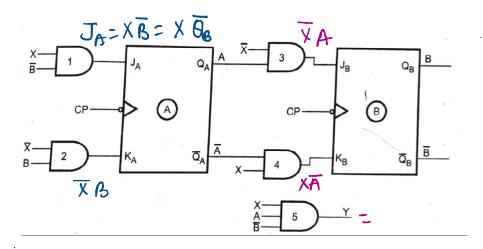
Mealy Machine



$$Q_{A} = A$$

$$Q_{A} = A$$

$$Q_{A} = A$$

$$Q_{A} = B$$

$$Q_{B} = B$$

$$Q_{B} = B$$

Prosent state 'AB=00, i/p x=0

PA Qg	$J_{A} = X \overline{Q}_{B}$ $J_{A} = X \overline{B}$ $J_{A} = 0.1 = 0$ $J_{A} = 0.7$	$K_A = \overline{X} R_B$ $K_A = \overline{X} R_B$	Opt . Next	$J_{\mathcal{B}} = \overline{X} A$	$K_{G} = X \overline{A}$	Q _{B+1}	OP Y XAB
	J= 0.1=0 JA =0/	KA=1.0 KA=0	0	JB=1.0 =0	Kg = 0.1 =0	0	0.0.1=0

Prelent state AB = 00, i/p x = 1

J	K	Q	Q(LH)
0	D	0	0

PS QA QO A B	$J_A = X \overline{Q}_3$ $J_A = X \overline{B}$	$K_A = \overline{X} Q_S$ $K_A = \overline{X} B$	N.S FR Jaka QAH		$K_B = XQ\overline{A}$ $K_A = X\overline{A}$	N.S fol JB Mg QOH	XAB
00	- {	٥		0	l	0	0

Present State	Next	State	Output		
	X = 0	X = 1	X = 0	X = 1	
AB	AB	AB	Y	Y.	
00	00	10	0	0	
01	01	00	0	0	
10	11 1	10	0	1	
11	01	11	0	0	

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