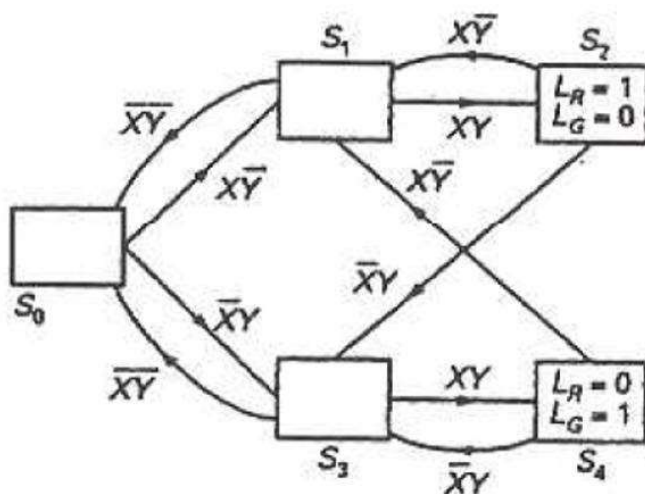


State Diagram and State Table



XY		00	01	11	10	
S ₀	$\textcircled{S_0}$ $L_R = 0$ $L_G = 0$	S_3 $L_R = 0$ $L_G = 0$	-	S_1 $L_R = 0$ $L_G = 0$	3 states merge to form S_{012}	(c)
S ₁	S_0 $L_R = 0$ $L_G = 0$	-	S_2 $L_R = -$ $L_G = 0$	$\textcircled{S_1}$ $L_R = 0$ $L_G = 0$		
S ₂	-	S_3 $L_R = -$ $L_G = 0$	$\textcircled{S_2}$ $L_R = 1$ $L_G = 0$	S_1 $L_R = -$ $L_G = 0$		
S ₃	S_0 $L_R = 0$ $L_G = 0$	$\textcircled{S_3}$ $L_R = 0$ $L_G = 0$	S_4 $L_R = 0$ $L_G = -$	-	2 states merge to form S_{34}	
S ₄	-	S_3 $L_R = 0$ $L_G = -$	$\textcircled{S_4}$ $L_R = 0$ $L_G = 1$	S_1 $L_R = 0$ $L_G = -$		

Actual

Activat
Go to Se