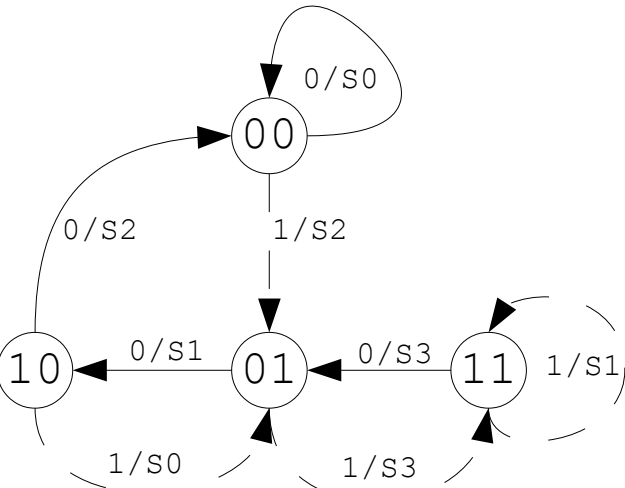
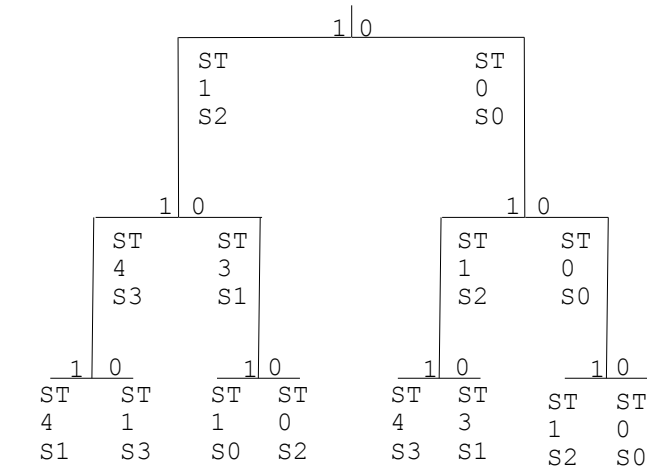


STATE DIAGRAM:

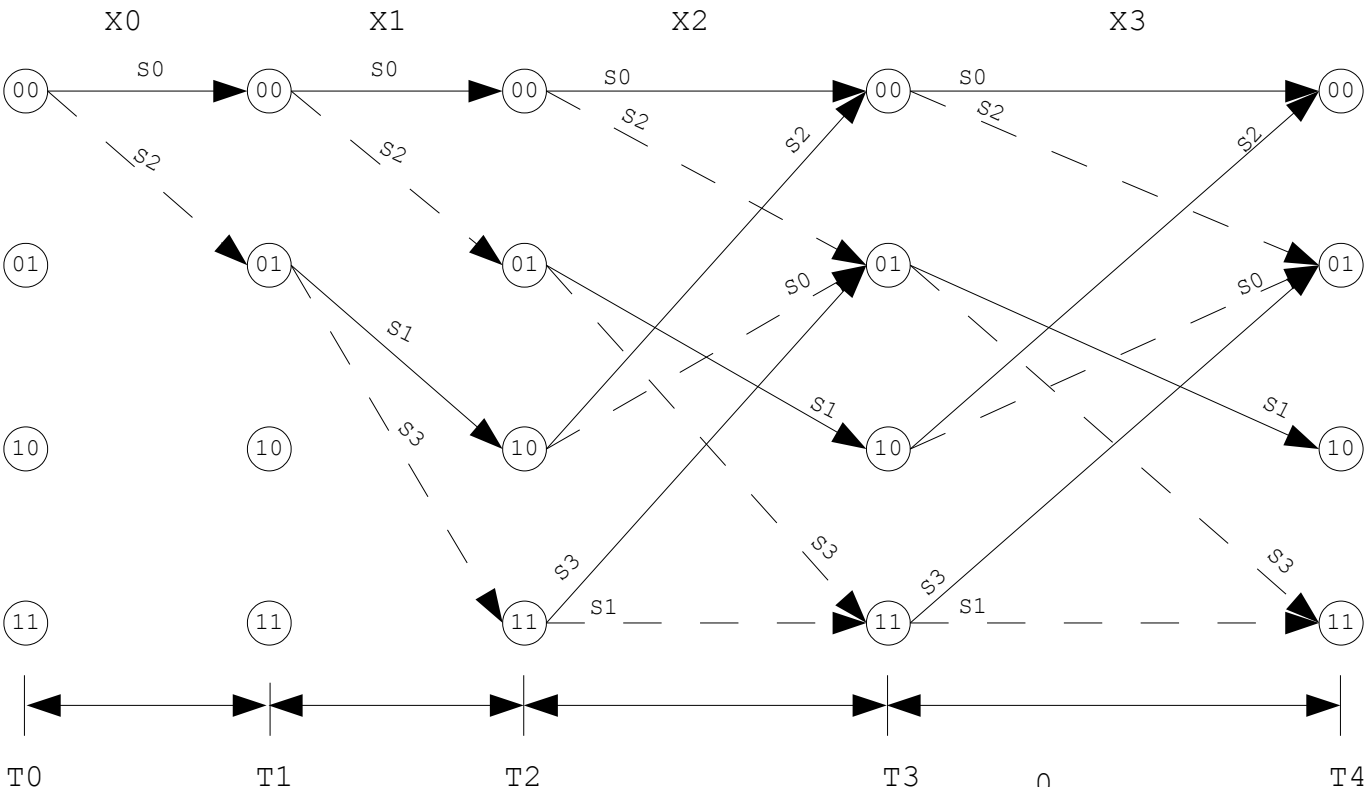


TREE DIAGRAM:



TRELLIS			
START STATE	END STATE	CODE	LLOYD MAX
0	0	0	S0
1	2	0	S1
2	0	0	S2
3	1	0	S3
0	1	1	S2
1	3	1	S3
2	1	1	S0
3	3	1	S1

TRELLIS DIAGRAM:



METRIC: EX. $S_0 = \{D_0, D_4\}$

$$\min[(X_0 - D_0)^2 (X_0 - D_4)^2]$$

