State	S_1	S_2	S_3	S_4
S_1	C_{11}	C_{12}	-	-
S_2	C_{21}	C_{22}	C_{23}	C_{24}
S_3	C_{31}	C_{32}	C_{33}	C_{34}
S_4	C_{41}	C_{42}	C_{43}	C_{44}