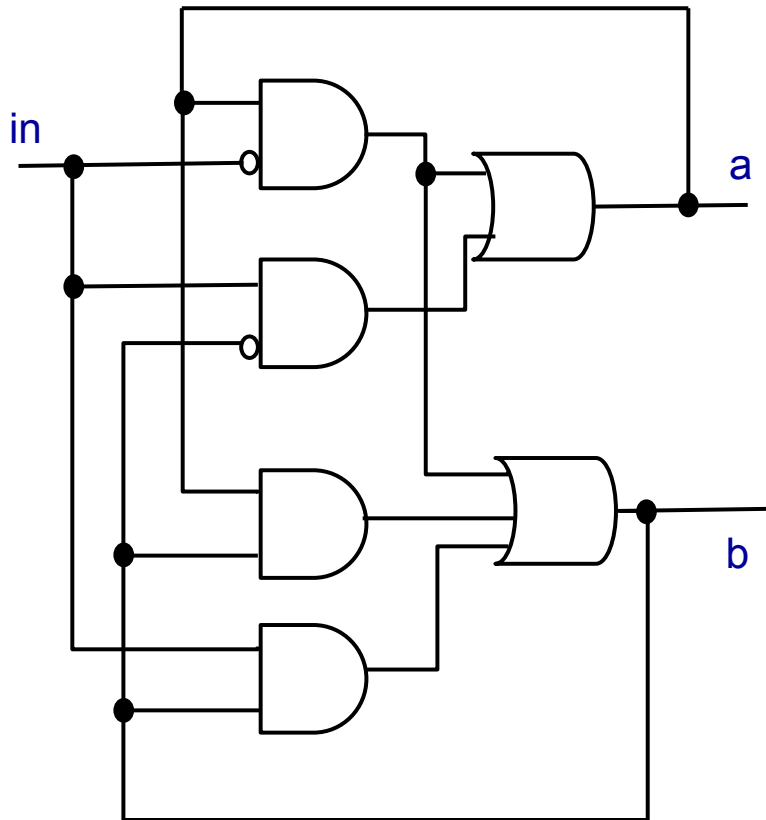


Name



State	Code b a	Next	
		in = 0	in = 1
A	0 0	Ⓐ	B
B	0 1	C	Ⓑ
C	1 1	Ⓒ	D
D	1 0	A	Ⓓ

Truth table for a

b a	in	
	0	1
0 0		1
0 1	1	1
1 1	1	
1 0		

Truth table for b

b a	in	
	0	1
0 0		
0 1	1	
1 1	1	1
1 0		1