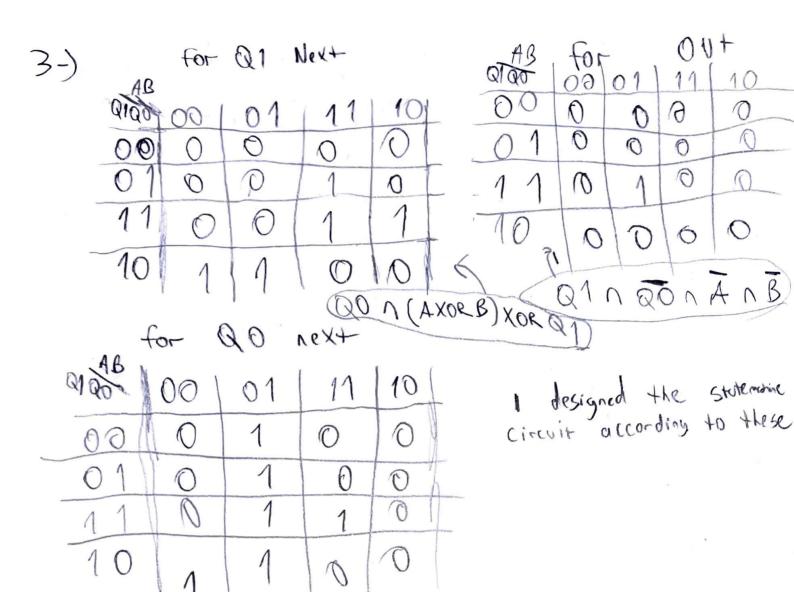
1-) SO: If A=0 and B=0, stay in SO. If A=0 and B=1 go to 51 51: IF A=0 and B=1, Stay in S1. If A=1 and B=1 90 +0 52 52: If A=1 oil B=1, stoy in 52, if A=1 oid B=0 go to 53 53: IF A=1 and B=0, stay in 53, IF A=0 and B=0 to so and output out= 1 (a whole rotorin is)
else/o (AB) 90 01/1 2/50/0 11/1 00/1 e15e/0 else 10

(urrent State	A	B	Next Stote	Output
50	0	0	50	0
50	10	11	51	0
10	10	1	51	0
51	1	1	62	0
51	1	1	1 52	0
52	1	0	53	0
52	1	0	43	0
53	and the last of			1
53	10) y C	1 50	

2-)

10/1



AXORB XOR Q