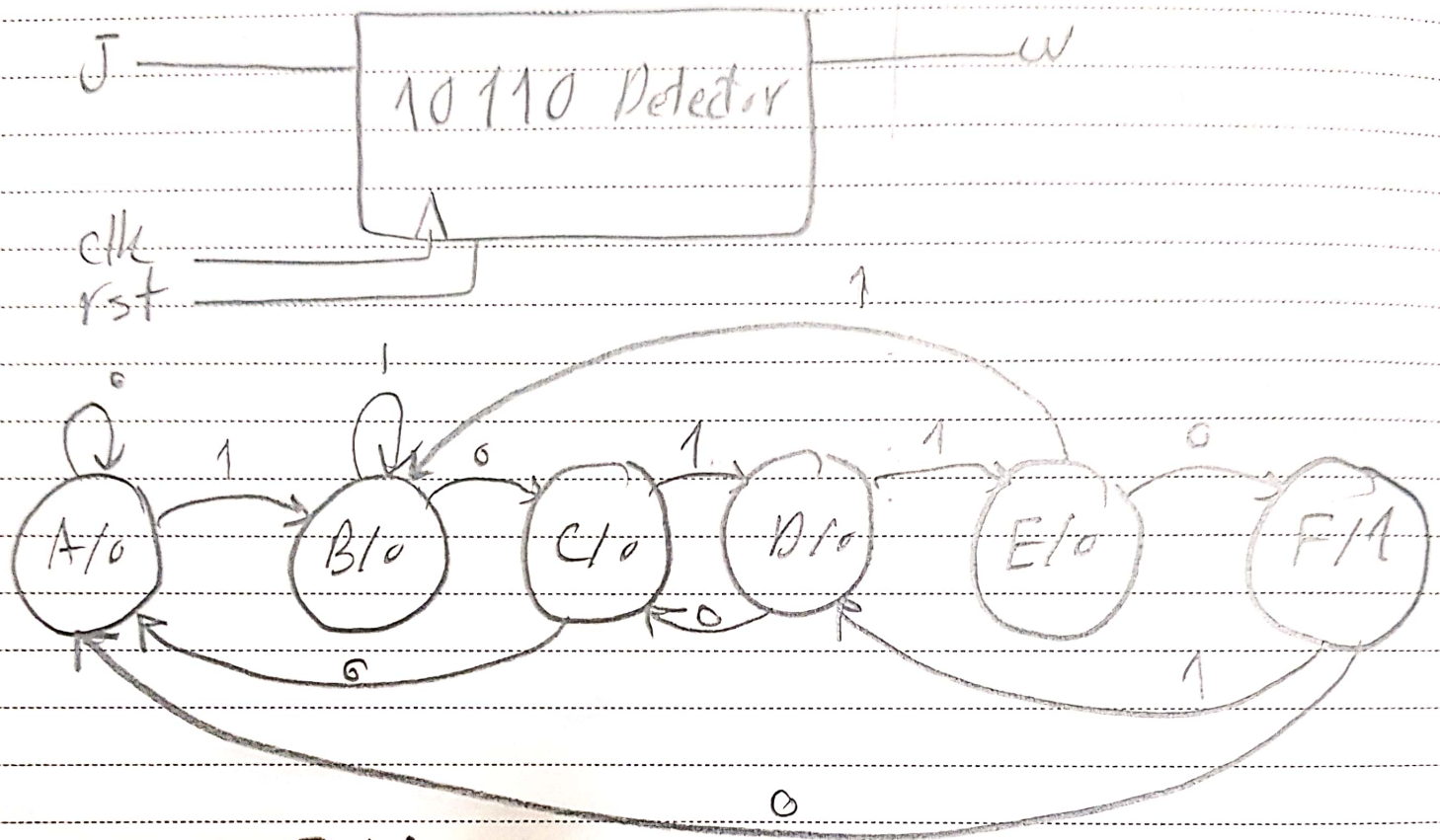


a) detector 10110



stat Table

		J		
		0	1	w
000	A	A	B	0
001	B	C	B	0
010	C	A	D	0
011	D	C	E	0
100	E	F	B	0
101	F	A	D	1
		State ⁺		

$V_2 V_1 V_0$	J		w
	0	1	
000	000	001	0
001	010	001	0
010	000	011	0
011	010	100	0
100	101	001	0
101	000	011	1
	$V_2^+ V_1^+ V_0^+$		

Transition Table

$V_2 V_1 V_0$	J		w
	0	1	
000	000	001	0
001	010	001	0
010	000	011	0
011	010	100	0
100	101	001	0
101	000	011	1
	$D_2 D_1 D_0$		

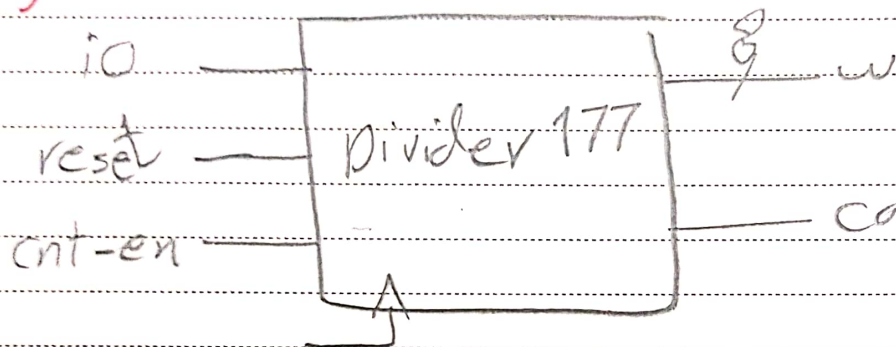
Excitation Table

21 October

المشرف

|||C|||

b)



c)

