

EEL 5105 Circuitos Digitais

Turma: 012 08 BD

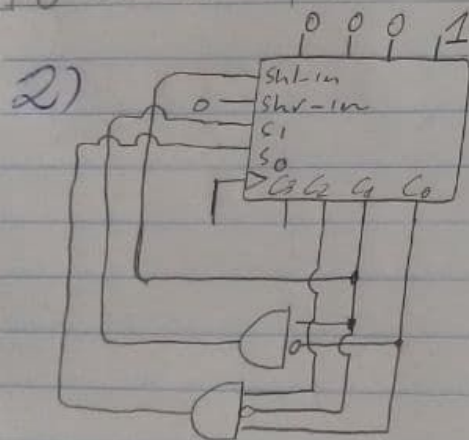
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Matrícula: 2020 5642

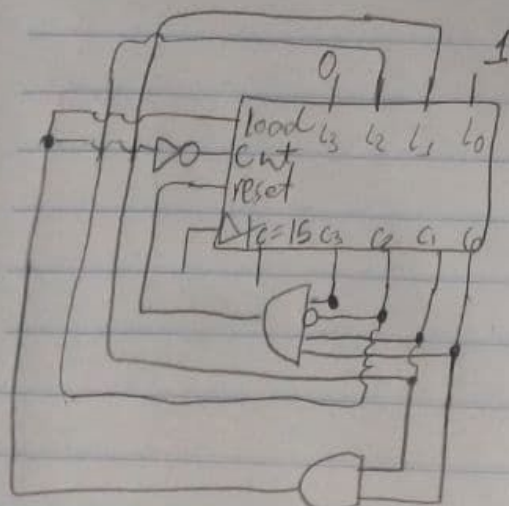
Questão nº 5

1) 0 → 1 → 2 → 5 → A → 6 → 0

Estado Atual				Próximo estado				Entradas			
E ₃	E ₂	E ₁	E ₀	P ₃	P ₂	P ₁	P ₀	sh_l	sh_r	s1	s0
0	0	0	0	0	0	0	1	X	X	0	0
0	0	0	1	0	0	1	0	X	X	0	0
0	0	1	0	0	1	0	1	1	X	1	1
0	1	0	1	1	0	1	0	0	X	1	1
1	0	1	0	1	0	1	1	X	X	0	0
1	0	1	1	0	0	0	0	X	X	0	1



C ₃	C ₂	C ₁	C ₀	modo
0	0	0	0	soma 1
0	0	0	1	soma 1
0	0	1	0	desl 1 esquerdo
0	1	0	1	desl 0 esquerda
1	0	1	0	soma 1
1	0	1	1	carregamento



C ₃	C ₂	C ₁	C ₀	modo
0	0	0	0	cnt
0	0	0	1	cnt
0	0	1	0	load 3
0	1	0	1	load 5
1	0	1	0	cnt
1	0	1	1	reset