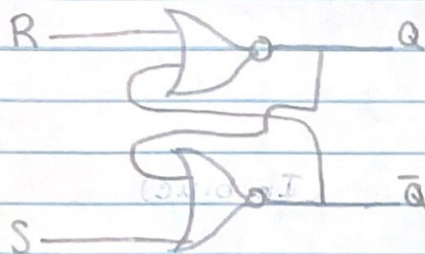


Jalen Powell
Elec 2200

10/13/2021

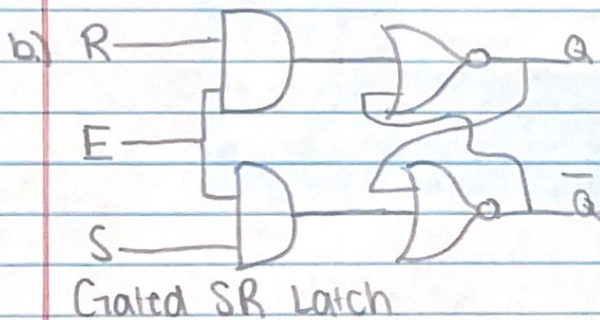
Hw 18

1. a) SR Latch



Truth Table

S	R	Q	\bar{Q}
0	0	No change	
0	1	0	1
1	0	1	0
1	1	Invalid	



Truth Table

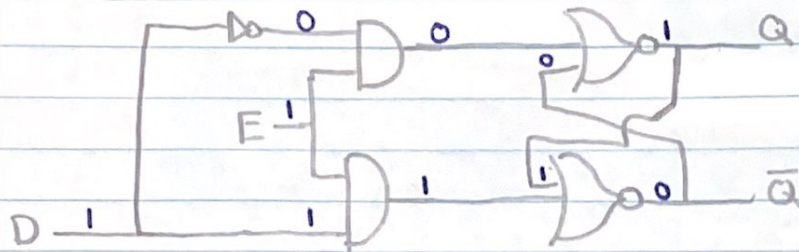
E	S	R	Q	\bar{Q}
0	X	X	No change	
1	0	0	No change	
1	0	1	0	1
1	1	0	1	0
1	1	1	Invalid	

c.) D Latch

Truth Table

E	D	Q	\bar{Q}
0	X	No change	
1	1	1	0
1	0	0	1

2. D-Latch



3. I'm using my Latch above. (In blue)