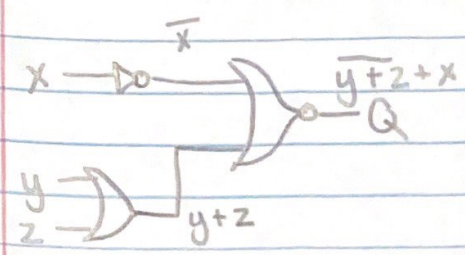
Jalen Powell
Elec 2200

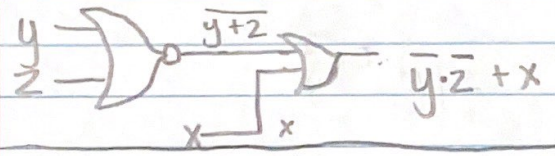
09/03/21

Hw 7

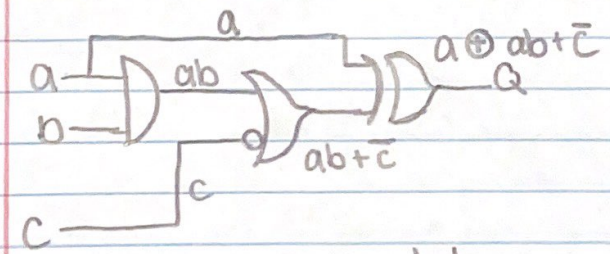
1.



x	y	z	$\bar{x}$	y+z	$\overline{y+z}$	$\overline{y+z}+x$
0	0	0	1	0	1	1
0	0	1	1	1	0	0
0	1	0	1	1	0	0
0	1	1	1	1	0	0
1	0	0	0	0	1	1
1	0	1	0	1	0	1
1	1	0	0	1	0	1
1	1	1	0	1	0	1



2.



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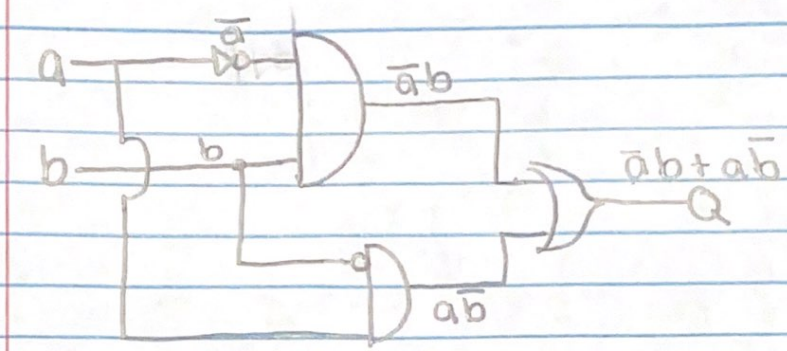
a	b	c	$\bar{c}$	ab	ab+c	a⊕ab+c
0	0	0	1	0	0	0
0	0	1	0	0	1	1
0	1	0	1	0	0	0
0	1	1	0	0	1	1
1	0	0	1	0	0	1
1	0	1	0	0	1	0
1	1	0	1	1	1	0
1	1	1	0	1	1	0

3.



⇓ simplified