

# Digital Logic Design: Homework 2

Joshua Dong

September 18, 2016

**5.6**

**a)**

		cd			
		00	01	11	10
ab	00	1	1	1	0
	01	0	1	1	1
	11	1	0	0	1
	10	0	0	1	0

**c)**

5.7

b)

5.9

b)

5.14

d)

f)

5.22

a)

c)

e)

g)

5.25

c)

d)

5.34

		cd			
		00	01	11	10
ab	00	0	0	0	0
	01	0	0	0	0
	11	0	0	0	0
	10	0	0	0	0

		bc			
		00	01	11	10
a	0	0	0	1	X
	1	1	X	0	0

		b	
		0	1
a	0	0	1
	1	1	0