EECE 144
Fall 2011

Lab Report #3
Section 4
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Submitted by:

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1 Description/Objectives

2 Procedure

(Equations 1)

$$ac + a'b + ab'c' \tag{1}$$

$ac + a'b + ab'c'$			
a	b	c	z (out)
0	0	0	?
0	0	1	?
0	1	0	?
0	1	1	?
1	0	0	?
1	0	1	?
1	1	0	?
1	1	1	?

Figure 1: Truth table of outputs for the function $ac + a'b + ab'c'$.

3 Observations

4 Conclusion

5 References

[1] Logisim, "Logisim, a graphical tool for designing and simulating logic circuits." `http://ozark.hendrix.edu/~burch/logisim/`, 2011.