

University of California at Berkeley  
 College of Engineering  
 Department of Electrical Engineering and Computer Science

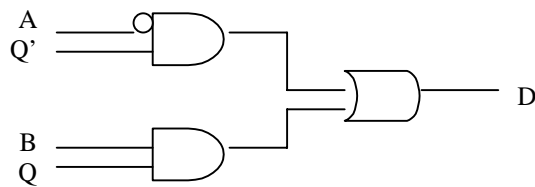
EECS 150  
 Fall 2000

R. H. Katz

**Homework Quiz # 5 - Solution**

a)  $D = A'Q' + BQ$

A	B	Q0	Qn	D
0	0	0	1	1
0	0	1	0	0
0	1	0	1	1
0	1	1	1	1
1	0	0	0	0
1	0	1	0	0
1	1	0	0	0
1	1	1	1	1



b)  $T = A'Q' + B'Q$

A	B	Q0	Qn	T
0	0	0	1	1
0	0	1	0	1
0	1	0	1	1
0	1	1	1	0
1	0	0	0	0
1	0	1	0	1
1	1	0	0	0
1	1	1	1	0

