

UNIVERSIDAD DE SAN CARLOS DE GUATEMALA

FACULTAD DE INGENIERIA, ORGANIZACION COMPUTACIONAL SECCION N

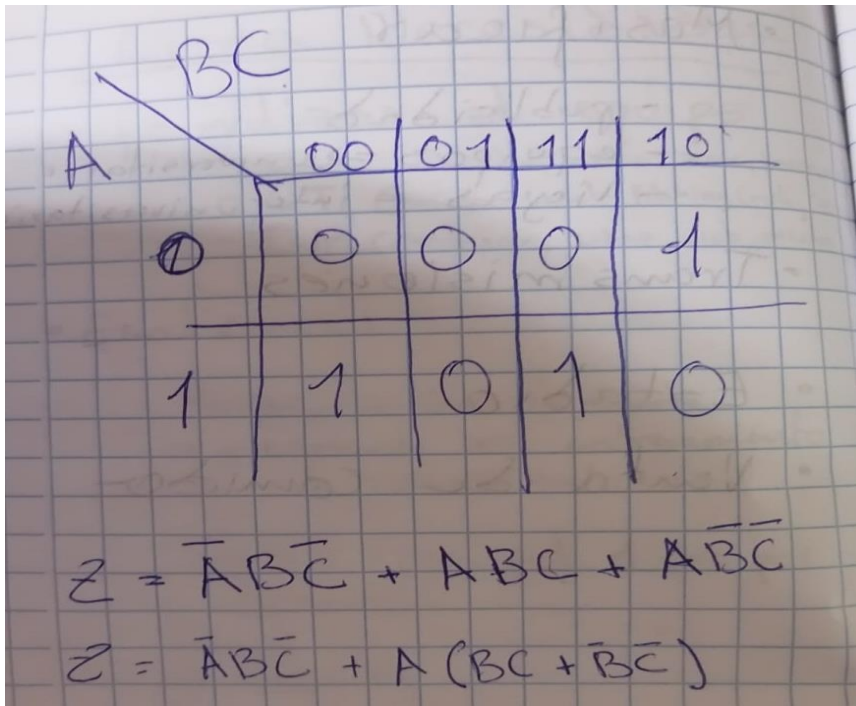
CARLOS JAVIER MARTINEZ POLANCO 201709282

PRACTICA 1

TABLA DE VERDAD

A	B	C	Z
0	0	0	0
0	0	1	0
0	1	0	1
0	1	1	0
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	1

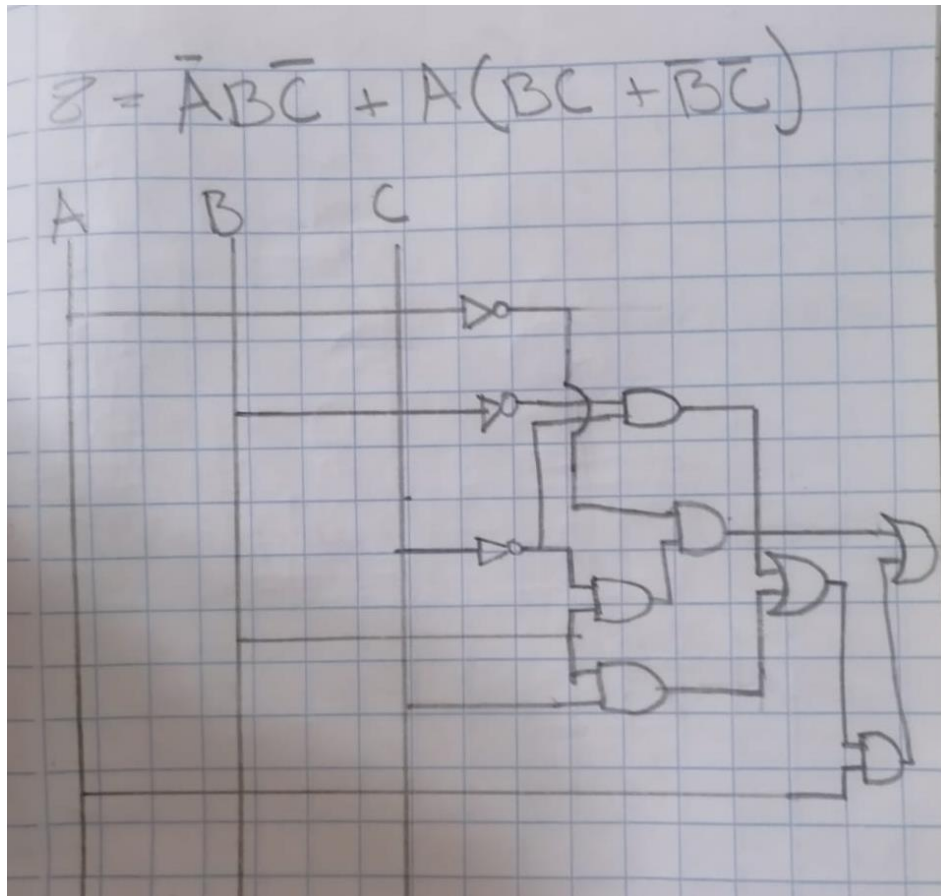
MAPA DE KARNAUGH



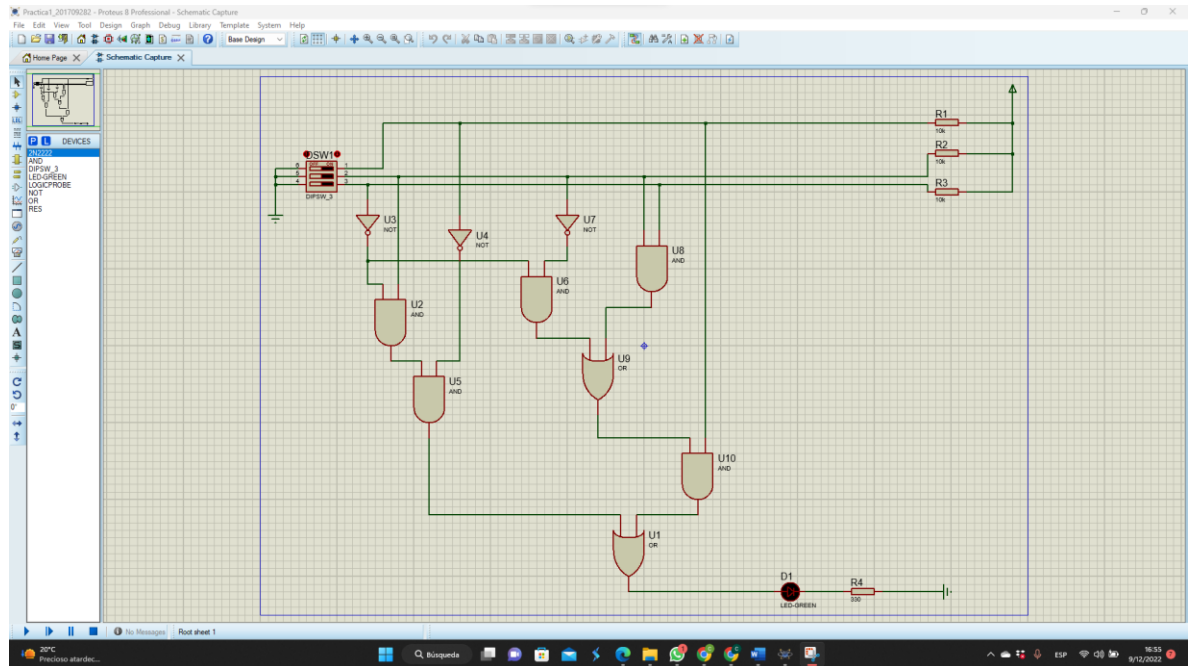
	BC			
A	00	01	11	10
0	0	0	0	1
1	1	1	0	0

$$Z = \bar{A}\bar{B}\bar{C} + ABC + A\bar{B}\bar{C}$$
$$Z = \bar{A}\bar{B}\bar{C} + A(BC + \bar{B}\bar{C})$$

FUNCION BOOLEANA Y CIRCUITO LOGICO



SIMULACION



CIRCUITO FISICO

