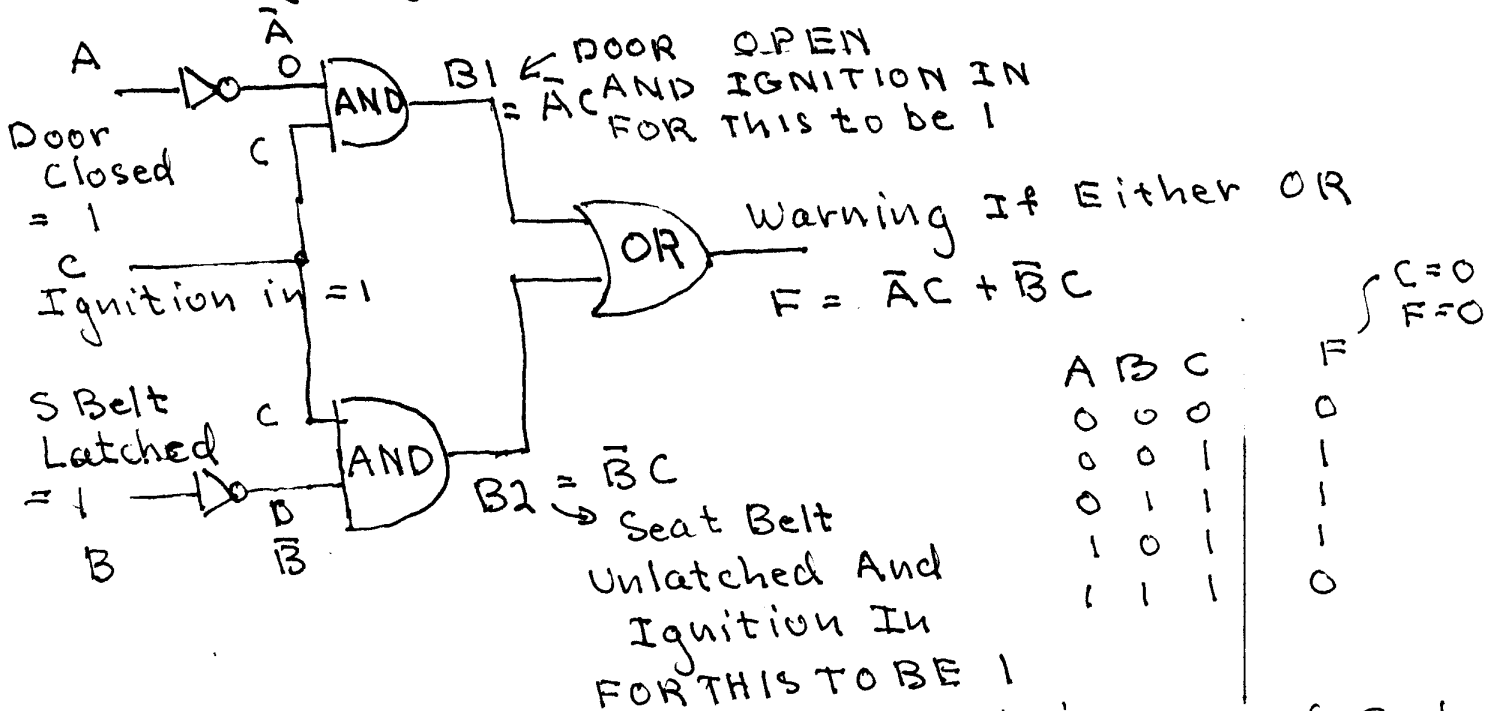
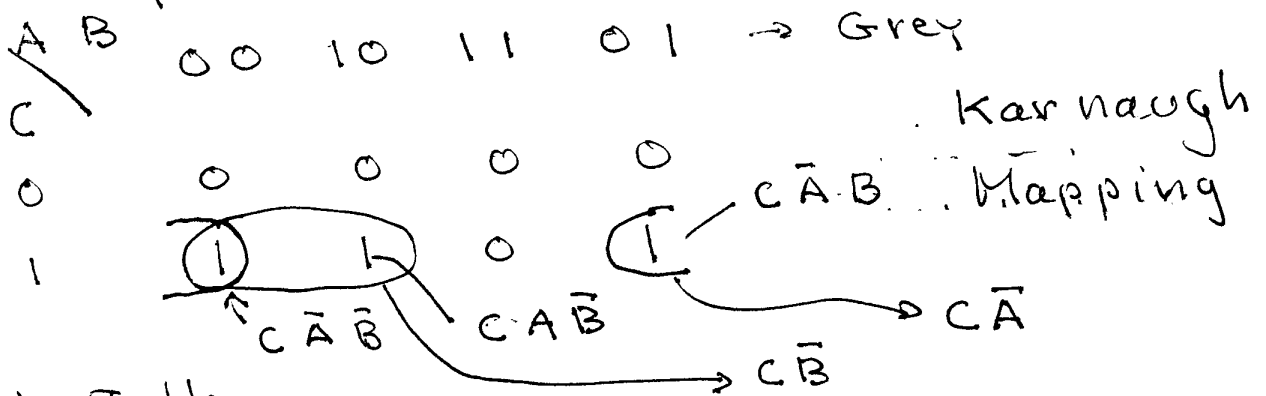


Warning Signal



~~Synthesis This with a minimum of Gates~~



Truth Table

A	B	C	F
0	0	0	0
0	0	1	1
0	1	1	1
0	1	0	0
1	1	0	0
1	1	1	0
1	0	1	1
1	0	0	0

$F = \bar{A}C + \bar{B}C$ - minimized

This gives sum of products representation To determine product

Truth Table

of sums take inverse and use de Morgan's Theorems