Jeremy Scheuerman

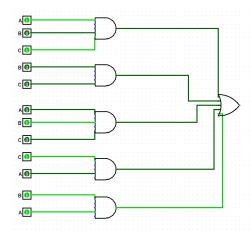
Dr.Franchi

**COSC 250** 

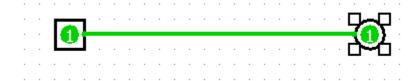
## Assignment 5

$$F(A,B,C) = A\overline{B}C + \overline{B}\overline{C} + \overline{A}C + \overline{A}B\overline{C} + AB$$

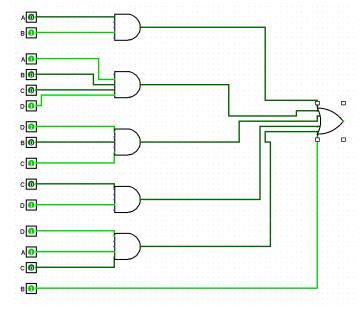
Assimum 5 ABODIF ARCD



## Simplified =1

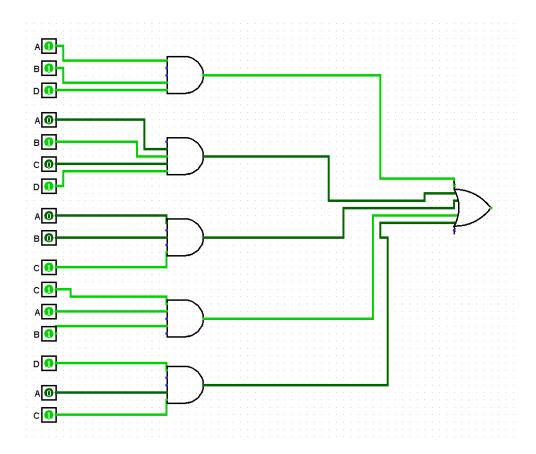


## $F(A,B,C,D) = \overline{A}B + A\overline{B}\overline{C}D + \overline{B}CD + \overline{C}D + \overline{B} + A\overline{C}D$

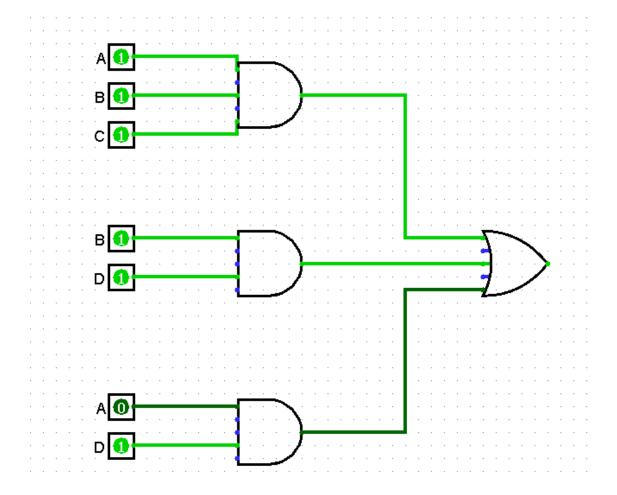




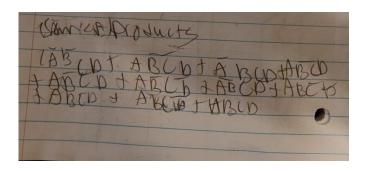
F = A'BC'D + A'B'D + A'CD + ABD + ABC

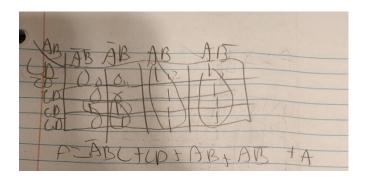


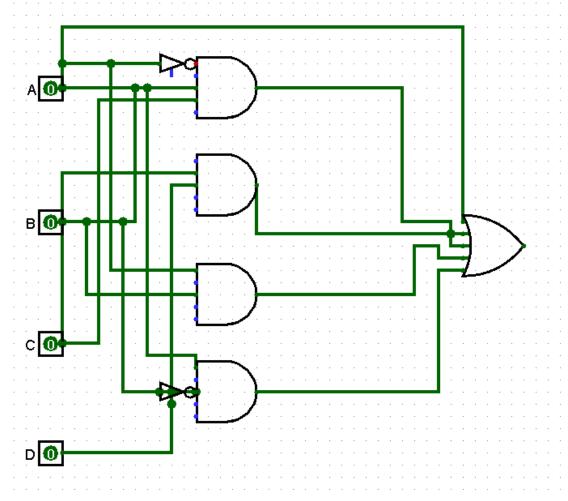
Simplified=DB+DA'+ABC

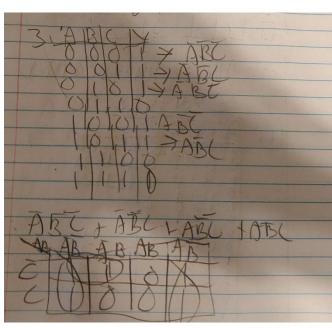


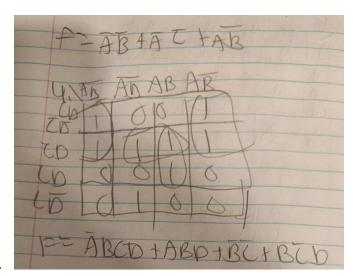
## 2. Sum of products form

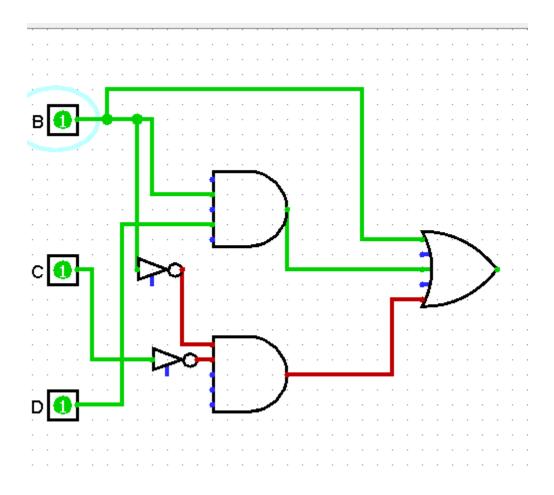


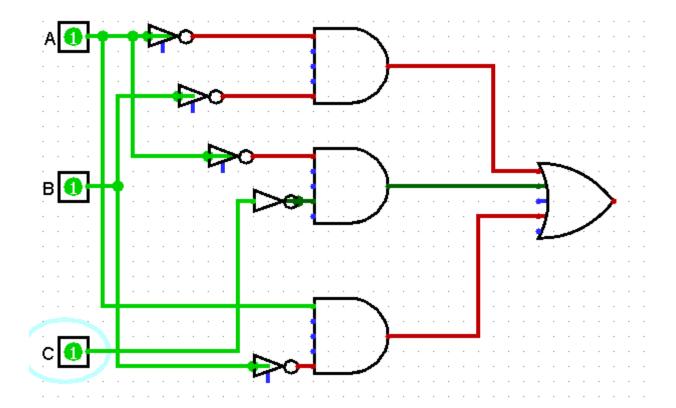


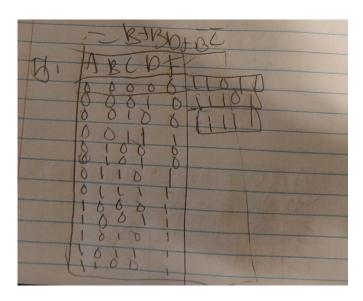


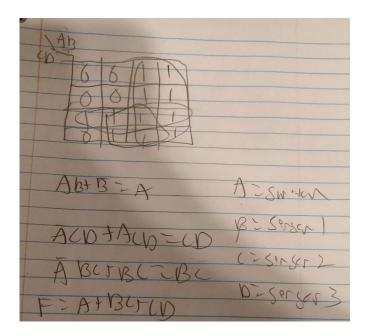












a. .

