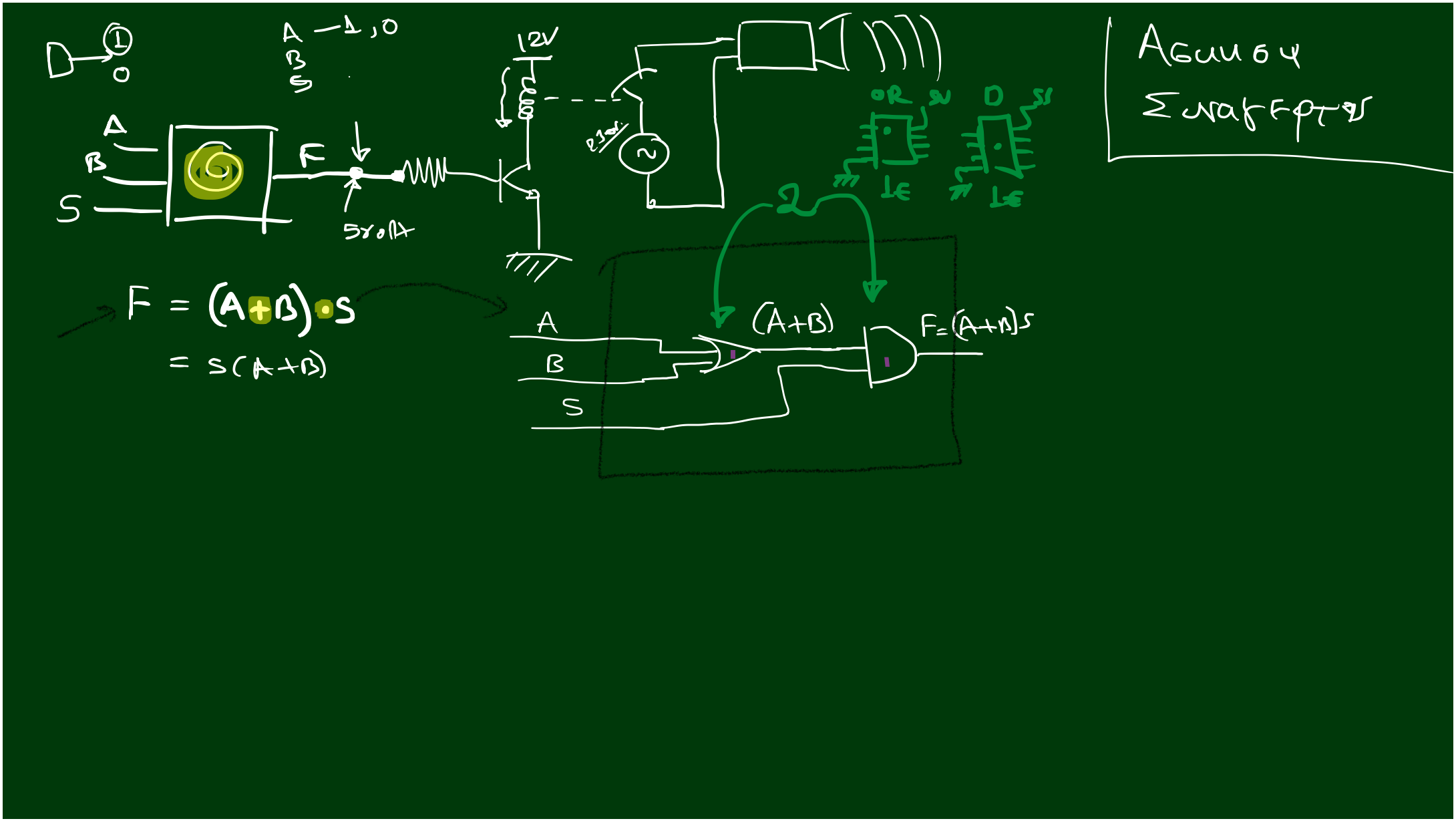
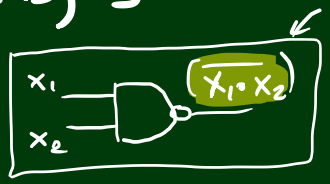


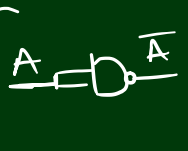
$$F = (A+B)\cdot S$$
$$= S(A+B)$$

$$F = (A+B)\cdot S$$

NAND

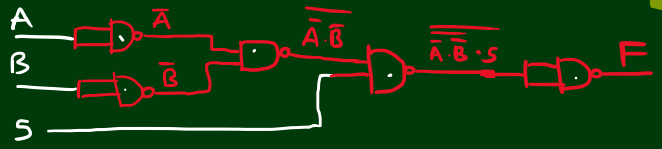


$\left(\overline{\overline{A}} = A\right)$

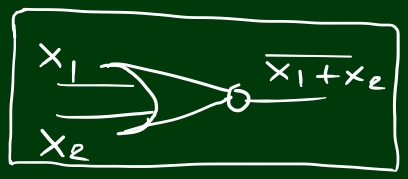


(De morgan)

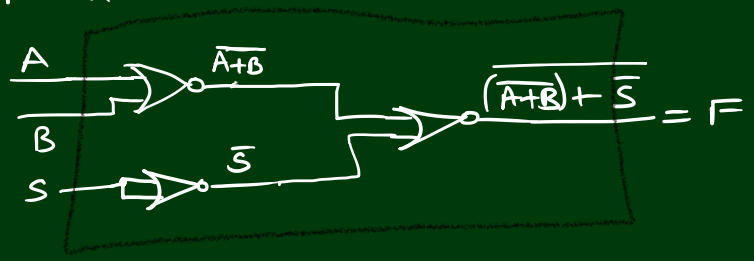
$$F=(A+B)\cdot S = \overline{(A+B)}\cdot S = \overline{A}\cdot\overline{B}\cdot S = \overline{\overline{A}\cdot\overline{B}}\cdot S$$

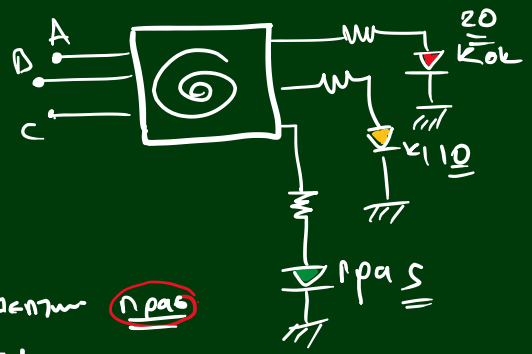


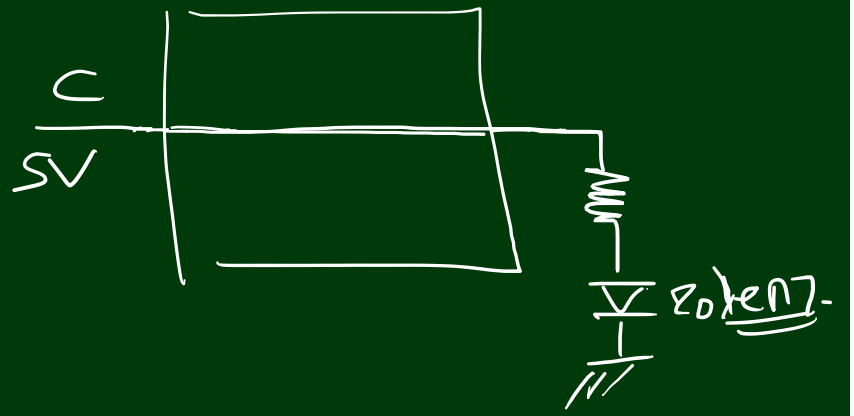
NOR



$$F=(A+B)\cdot S = \overline{\overline{(A+B)}\cdot S} = \overline{\overline{(A+B)}+\overline{S}}$$





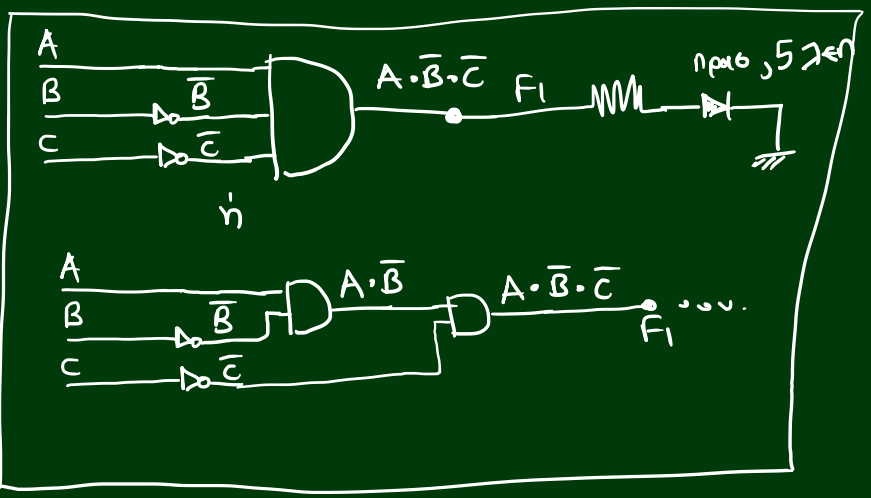


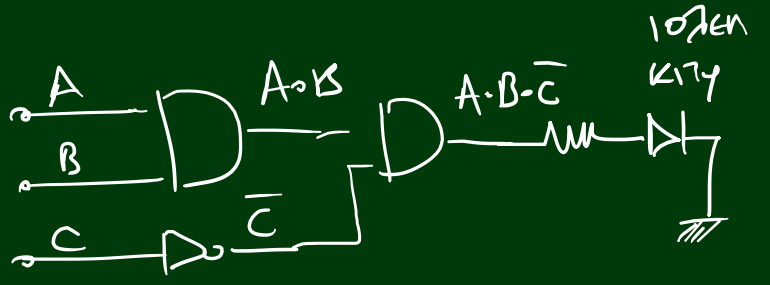
$A \cdot \bar{B} \cdot \bar{C} = F_1$ 5ο τερμα πρασ

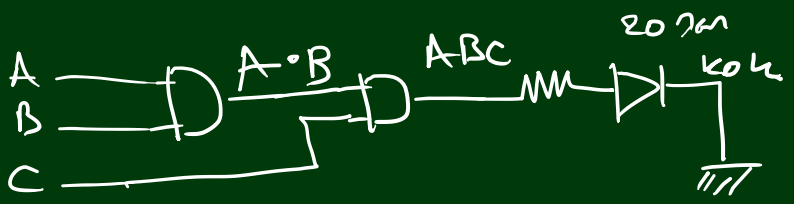
$1 \cdot \bar{0} \cdot \bar{0} = 1 \cdot 1 \cdot 1 = 1$

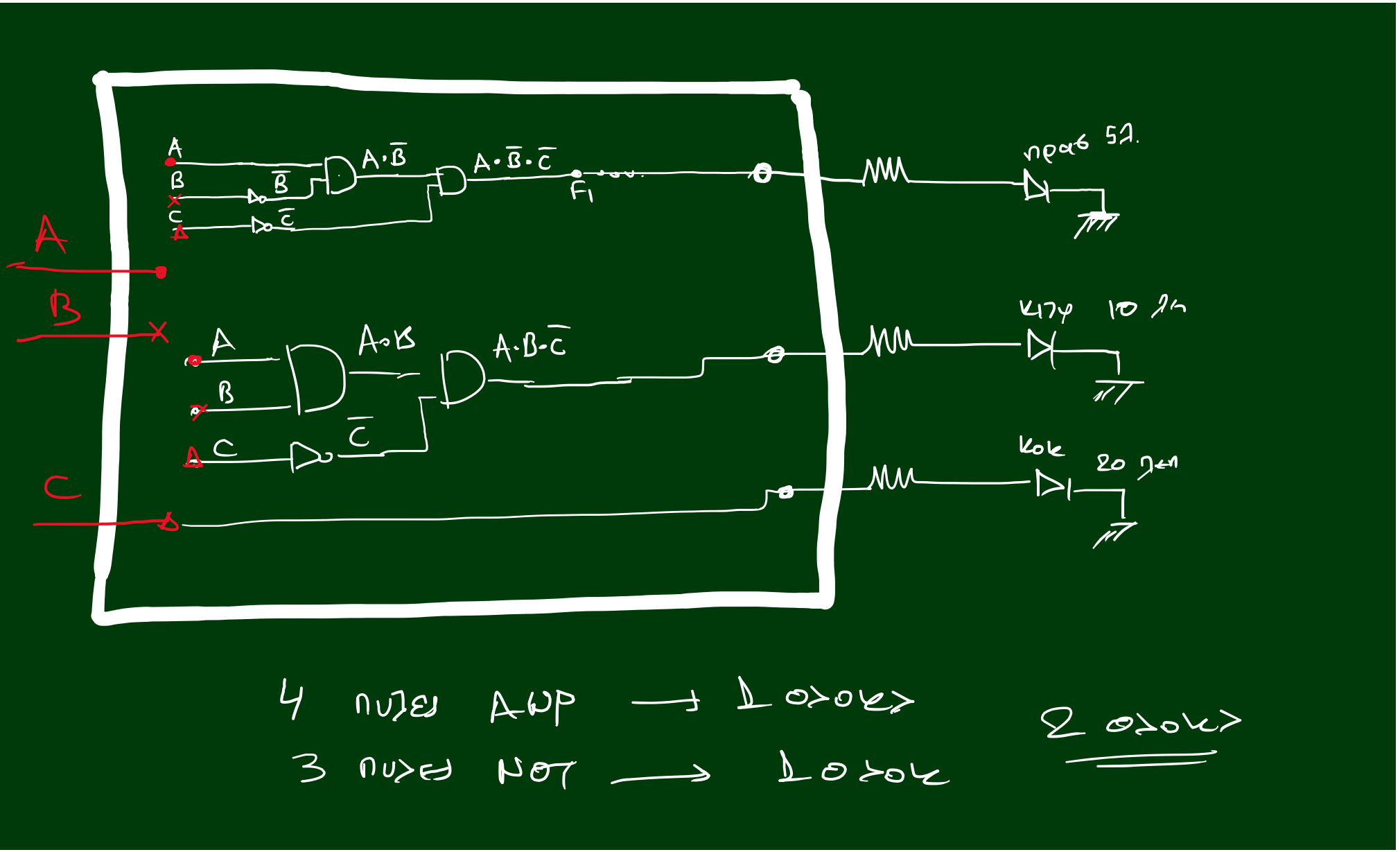
$A \cdot B \cdot \bar{C} = F_2$ 1ο τερμα κιτρ.

$A \cdot B \cdot C = F_3$ 2ο τερμα κοκ





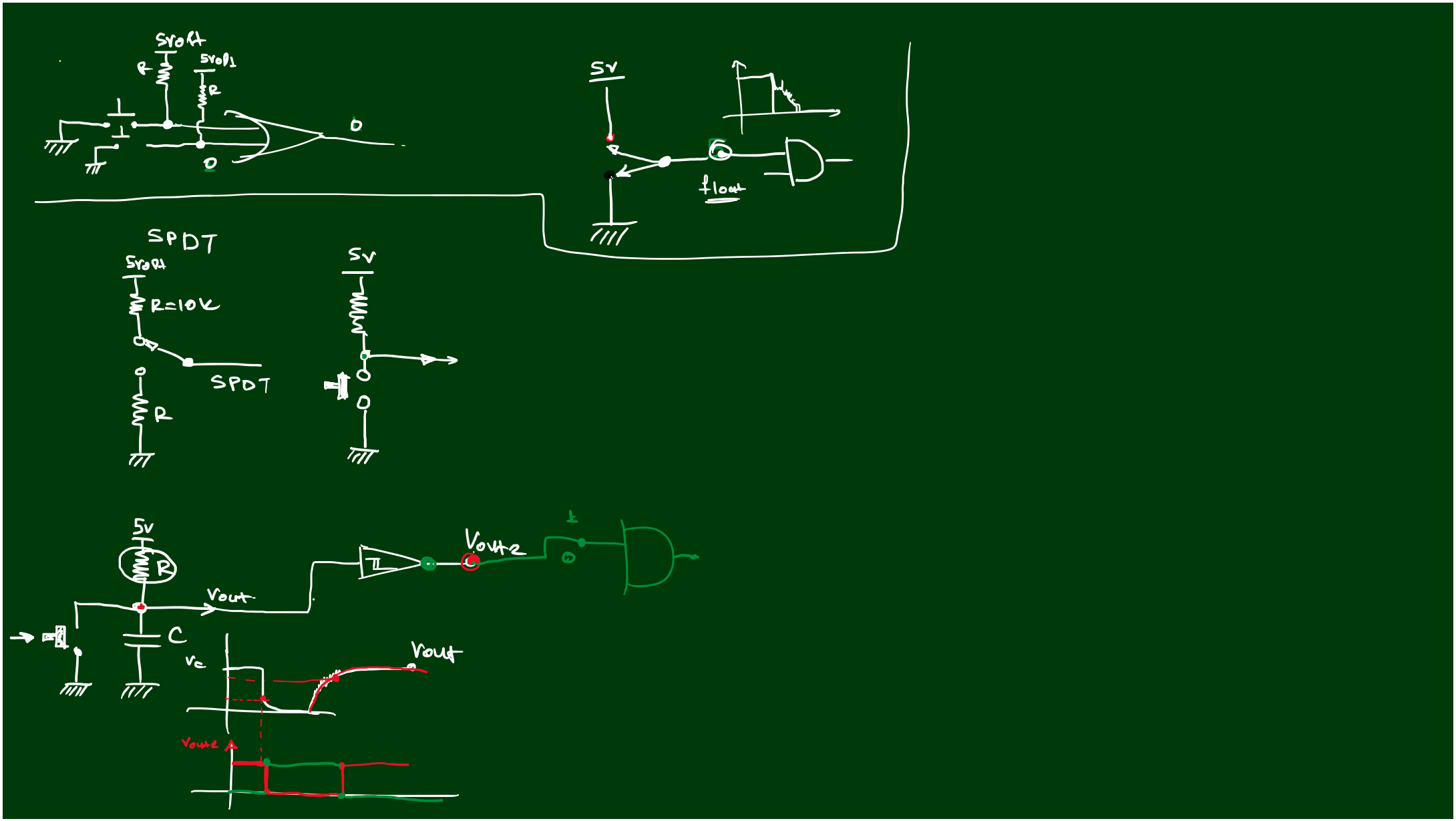




4 שערי AND → 1 שער

3 שערי NOT → 1 שער

2 שערים


5volt
R
5volt
R
0
0
5v
flout
SPDT
5volt
R=10K
SPDT
R
5v
0
0
5v
R
Vout
C
Vout2
Vout
Vc
Vout2 A