

Ασκηση 5 Κανονισμός συγκλινόντων 4654

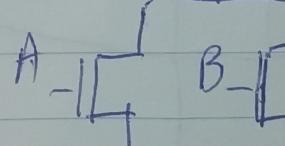
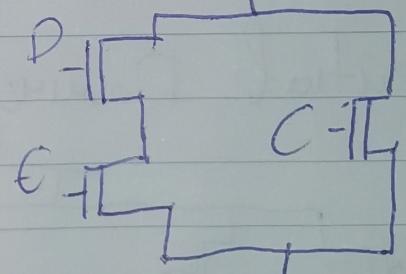
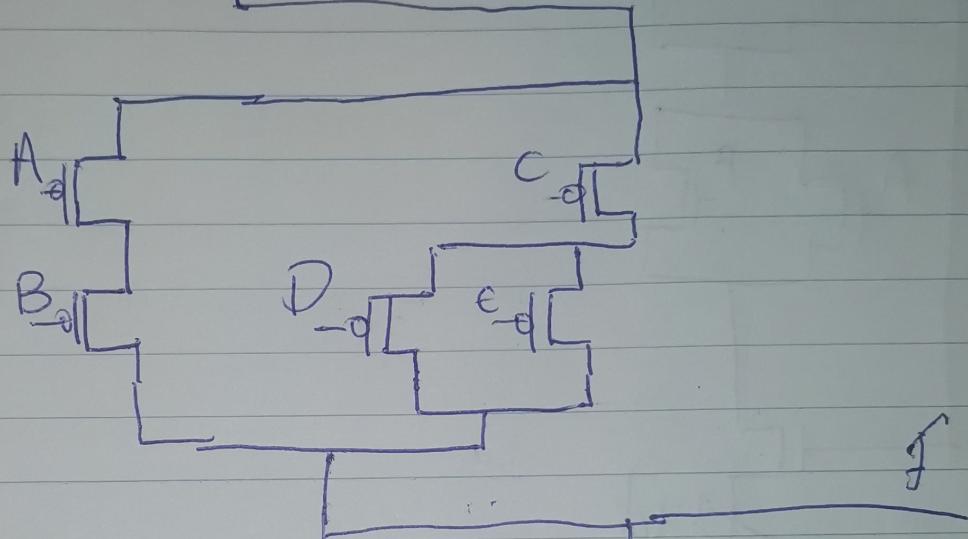
$$F = AB + C(D+E) \Rightarrow f = AB + C(D+E)$$

$$F = AB + CD + CE \quad \text{NMOS}$$

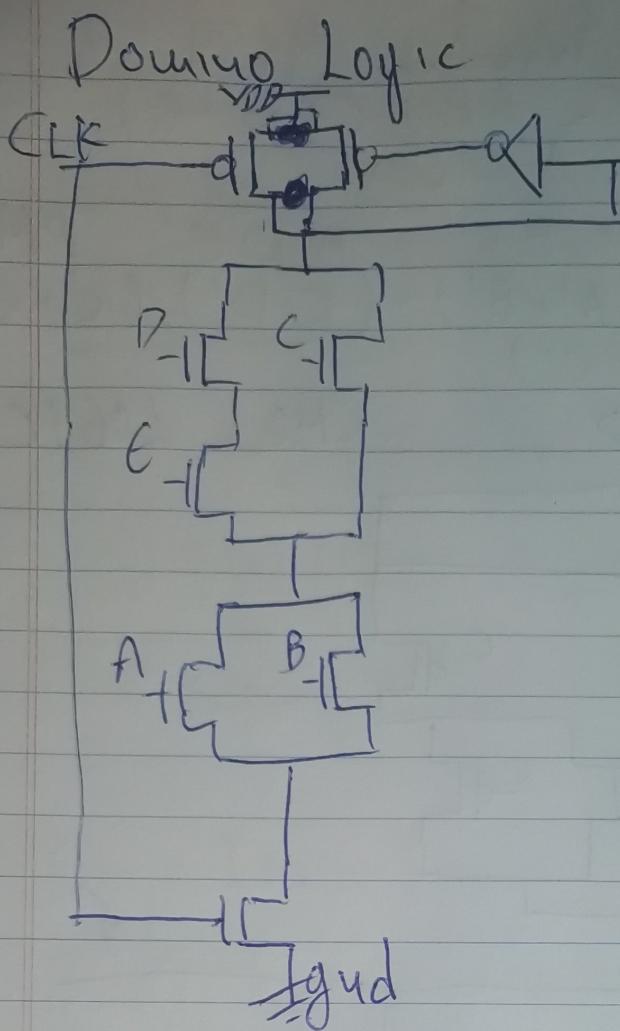
$$\begin{aligned} f' &= A'C' + \cancel{AB'E'} + B'C' + B'D'E' \quad \text{PMOS} \\ &= (AB + C(D+E))' = (A'+B') \cdot (C'+D') \cdot (C'+E') \\ &= (A'+B') \cdot ((D+E') + C') \end{aligned}$$

VDD

CMOS LOGIC



\equiv ground



Differential Domino Logic

