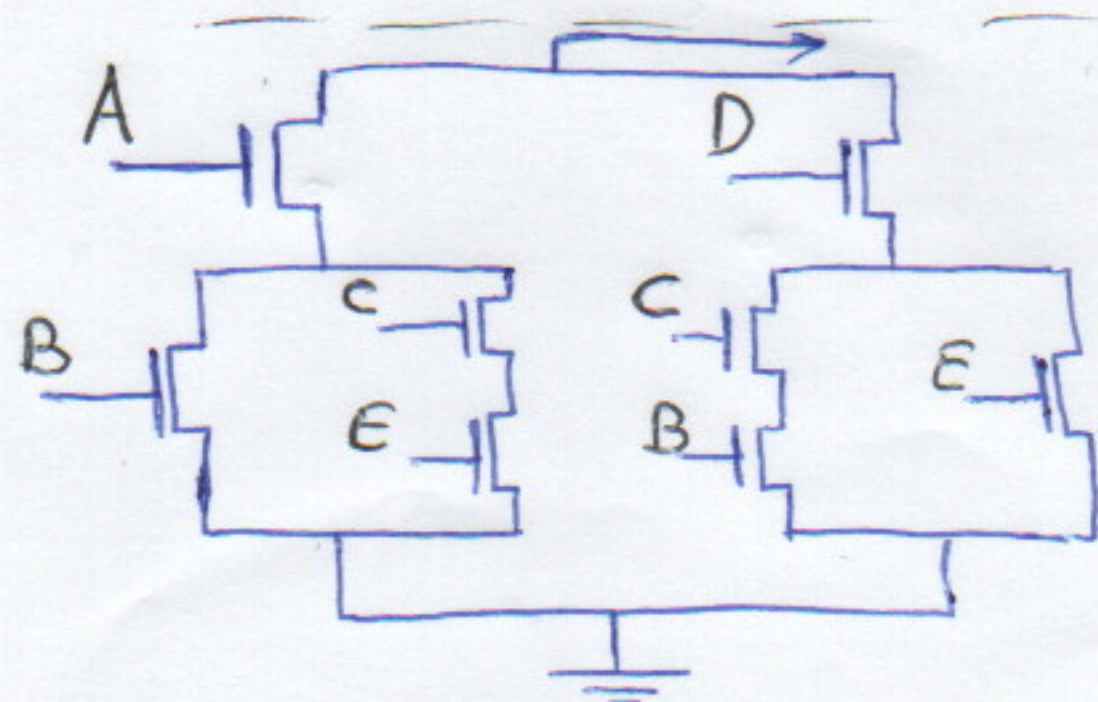
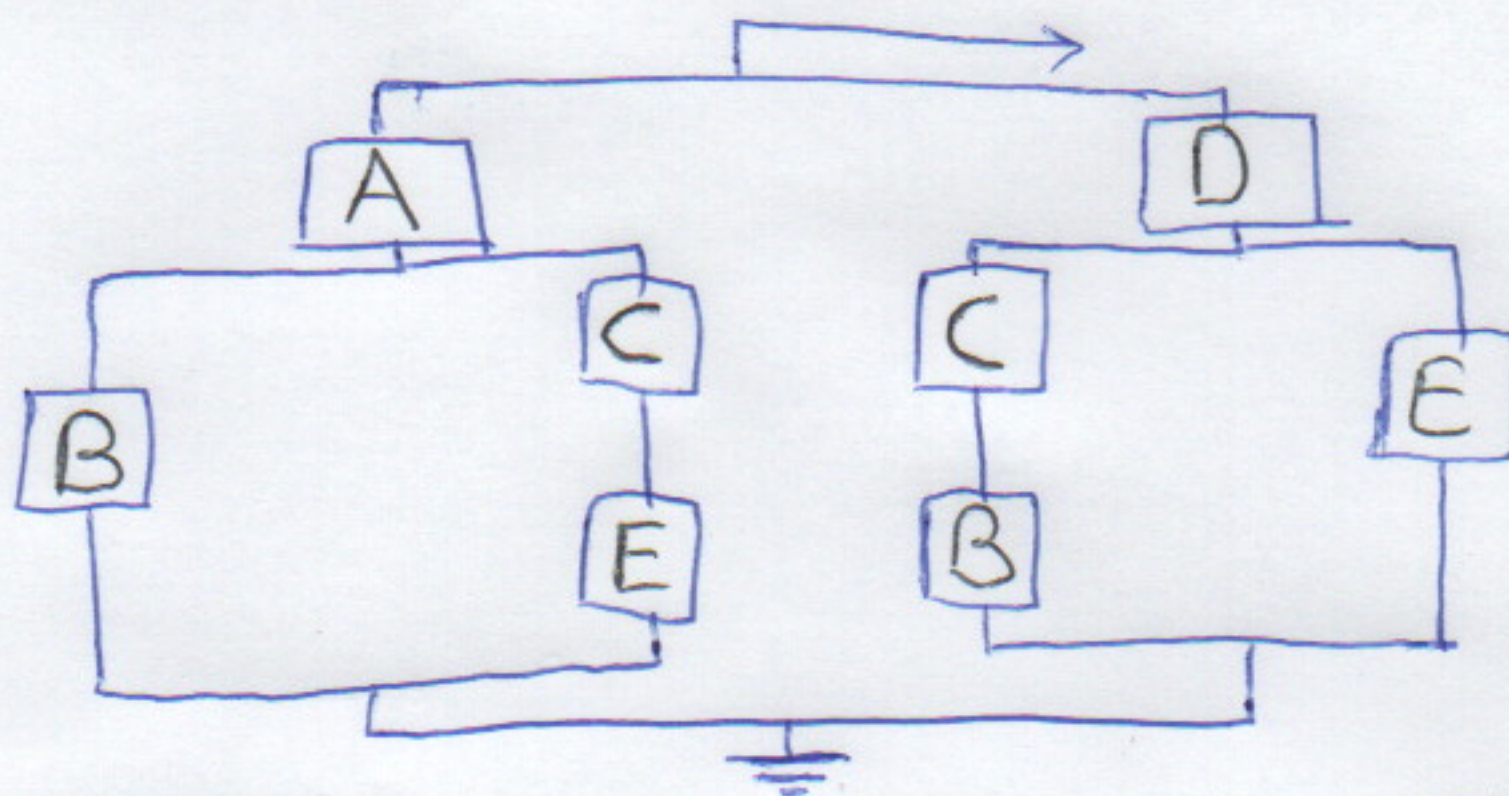
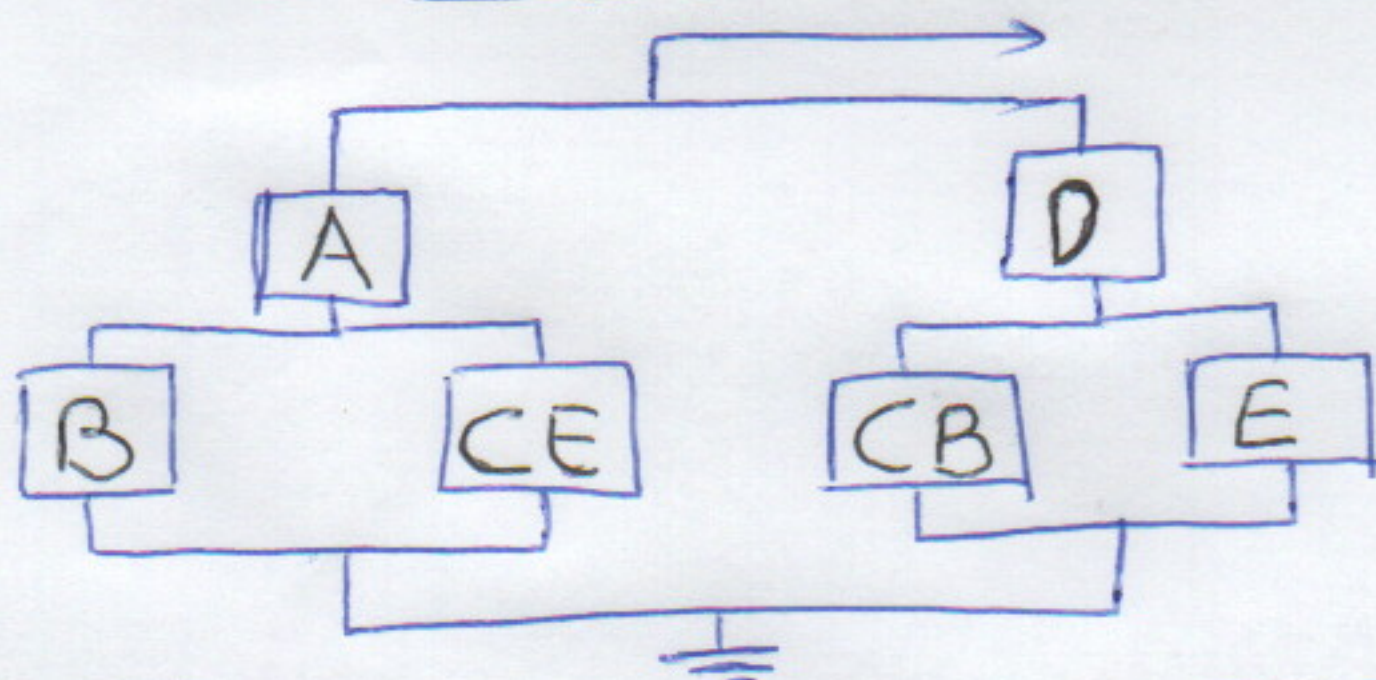
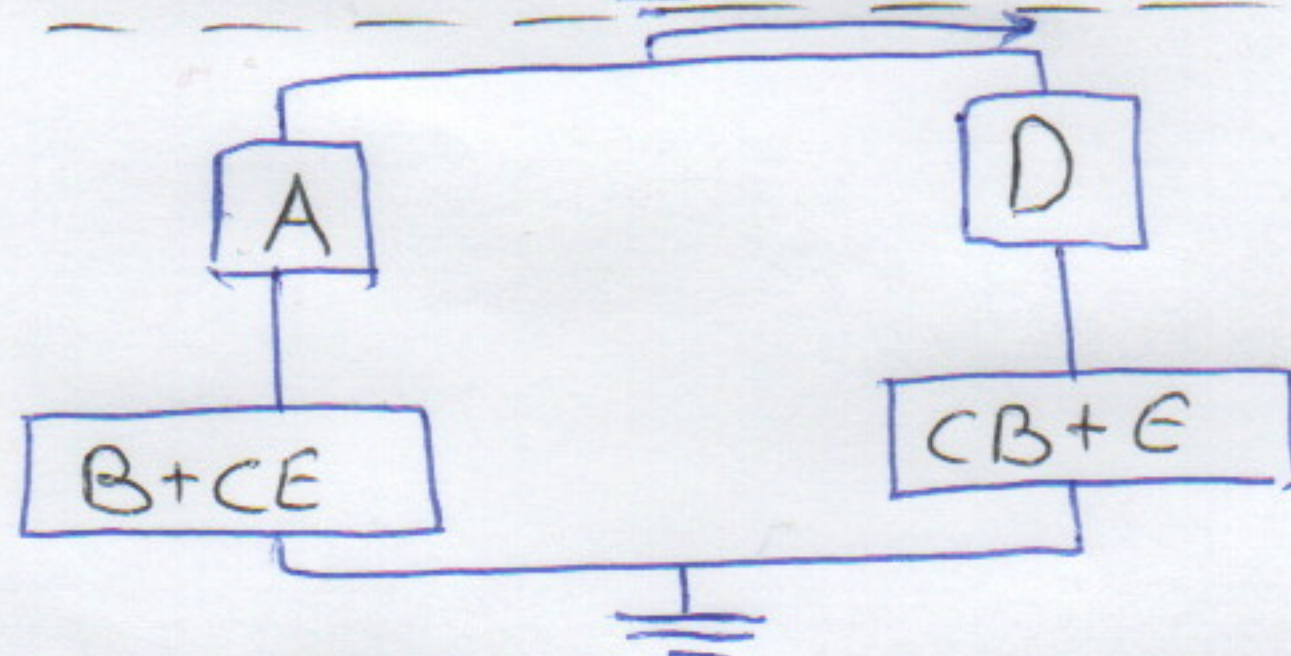
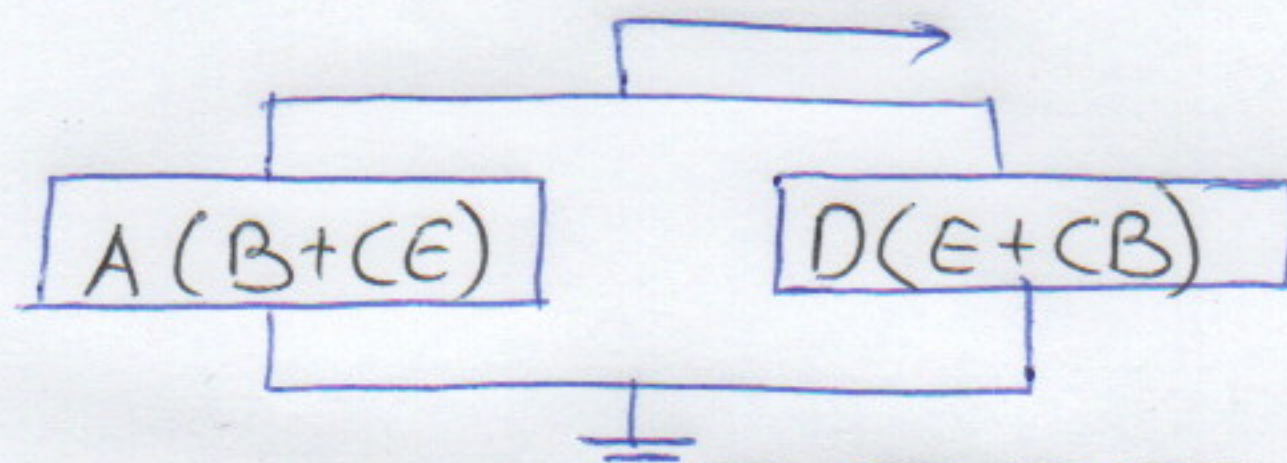
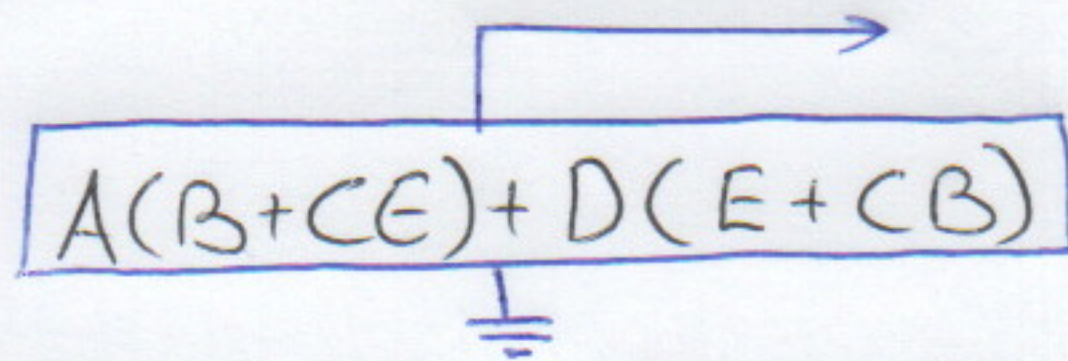


Υλοποίηση ως συνάρτηση

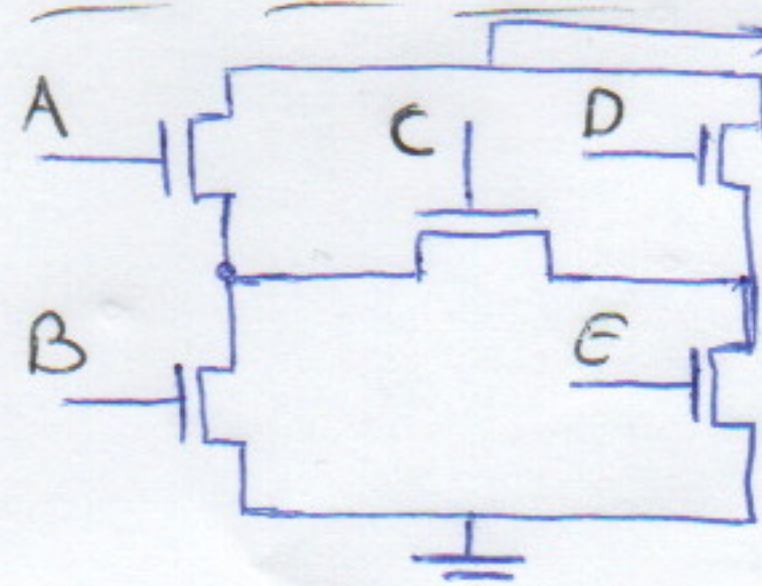
$$\begin{aligned}\overline{Y} &= AB + ACE + DE + DCB = \\ &= A(B + CE) + D(E + CB)\end{aligned}$$

Μοσχogiannis Παιδαρης
ΑΜ:2114026

N-MOS

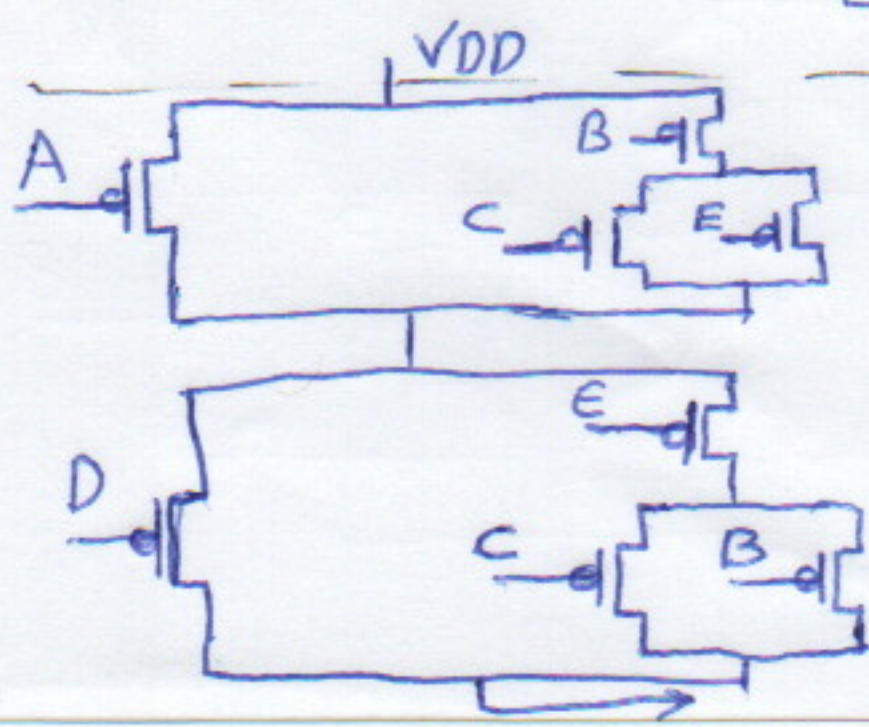
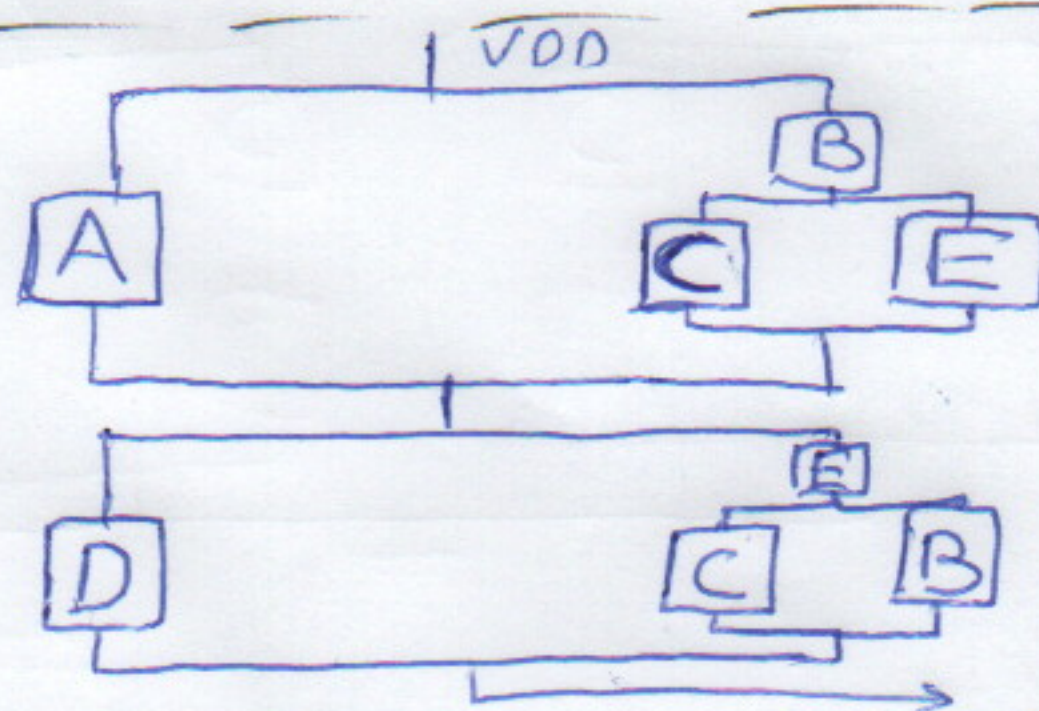
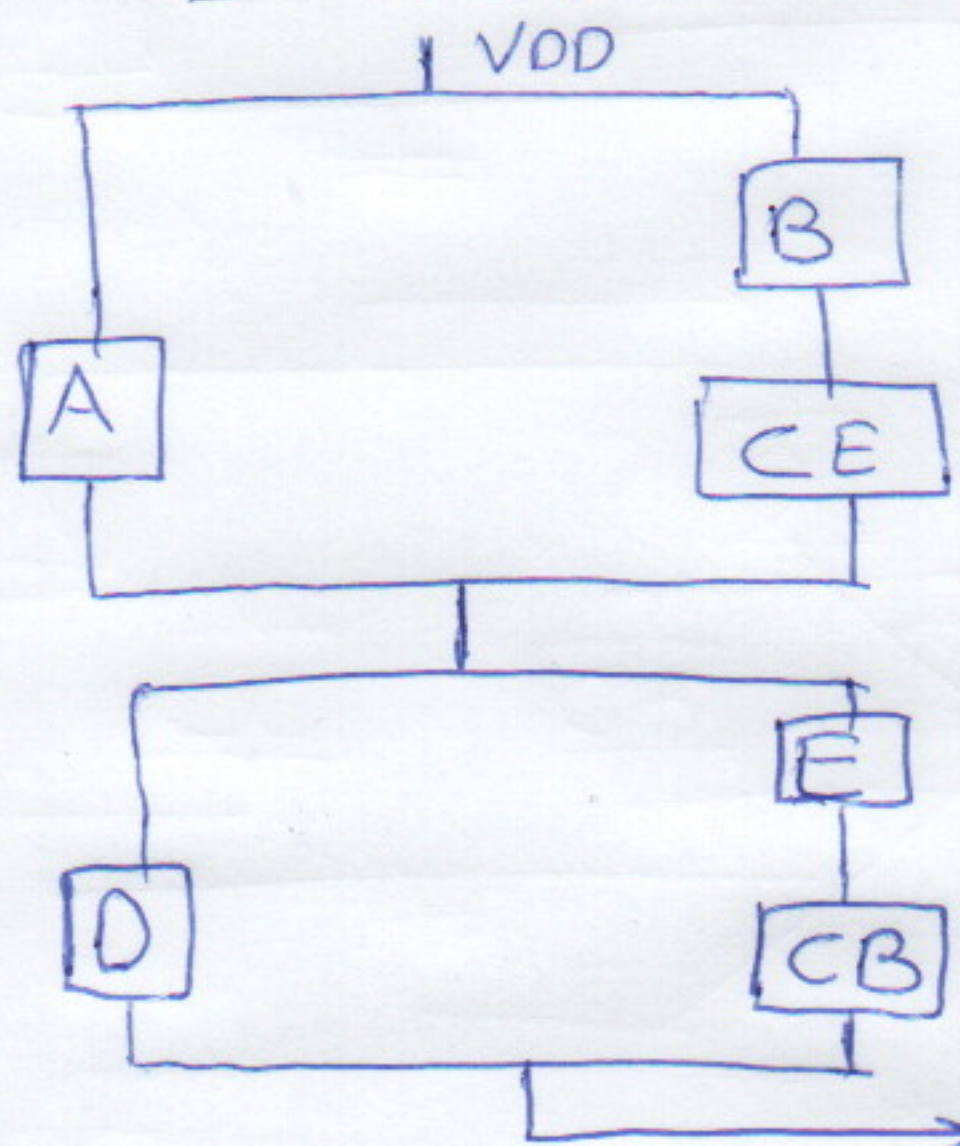
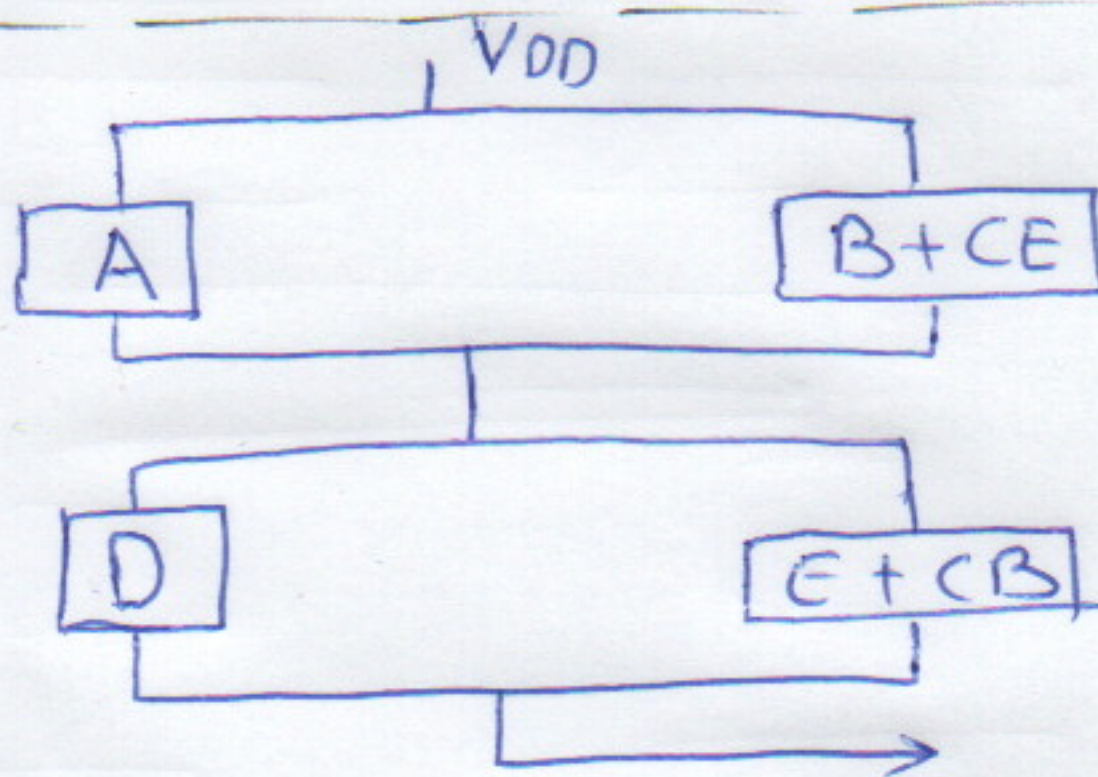
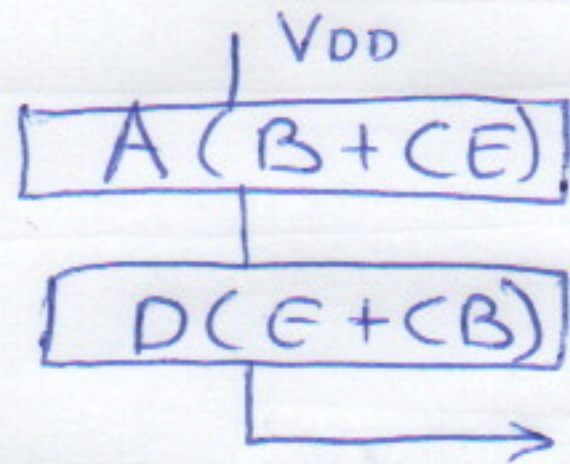
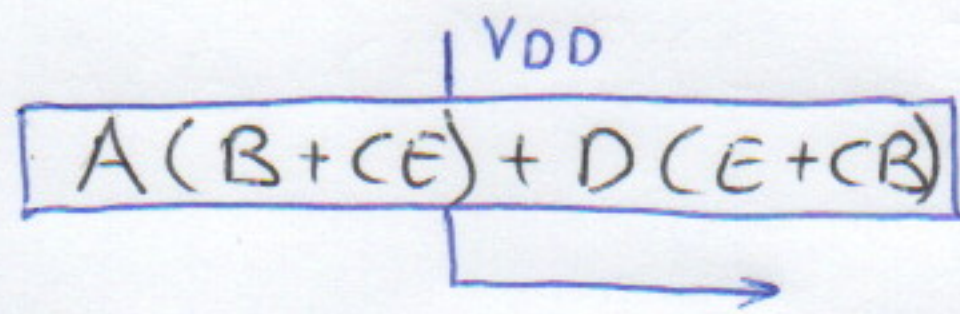


Ισοδύναμα
έχουμε

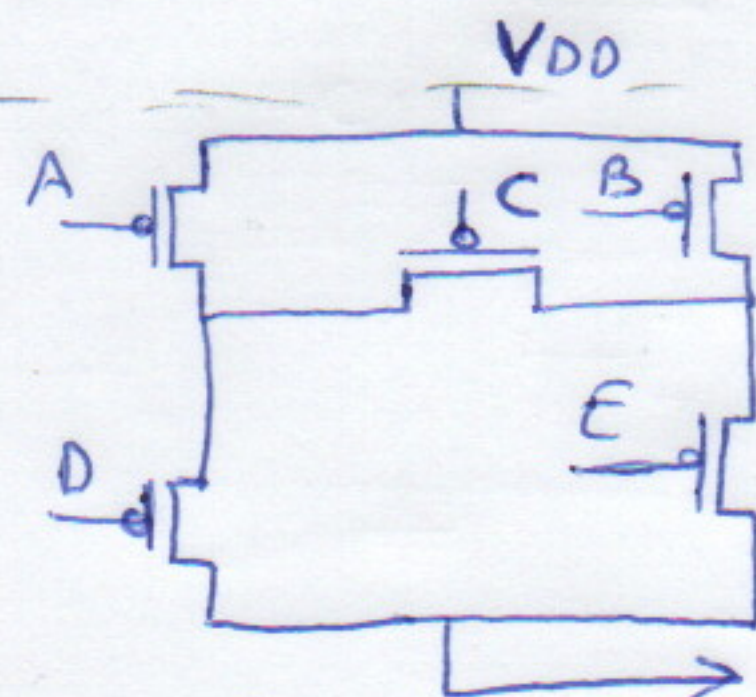


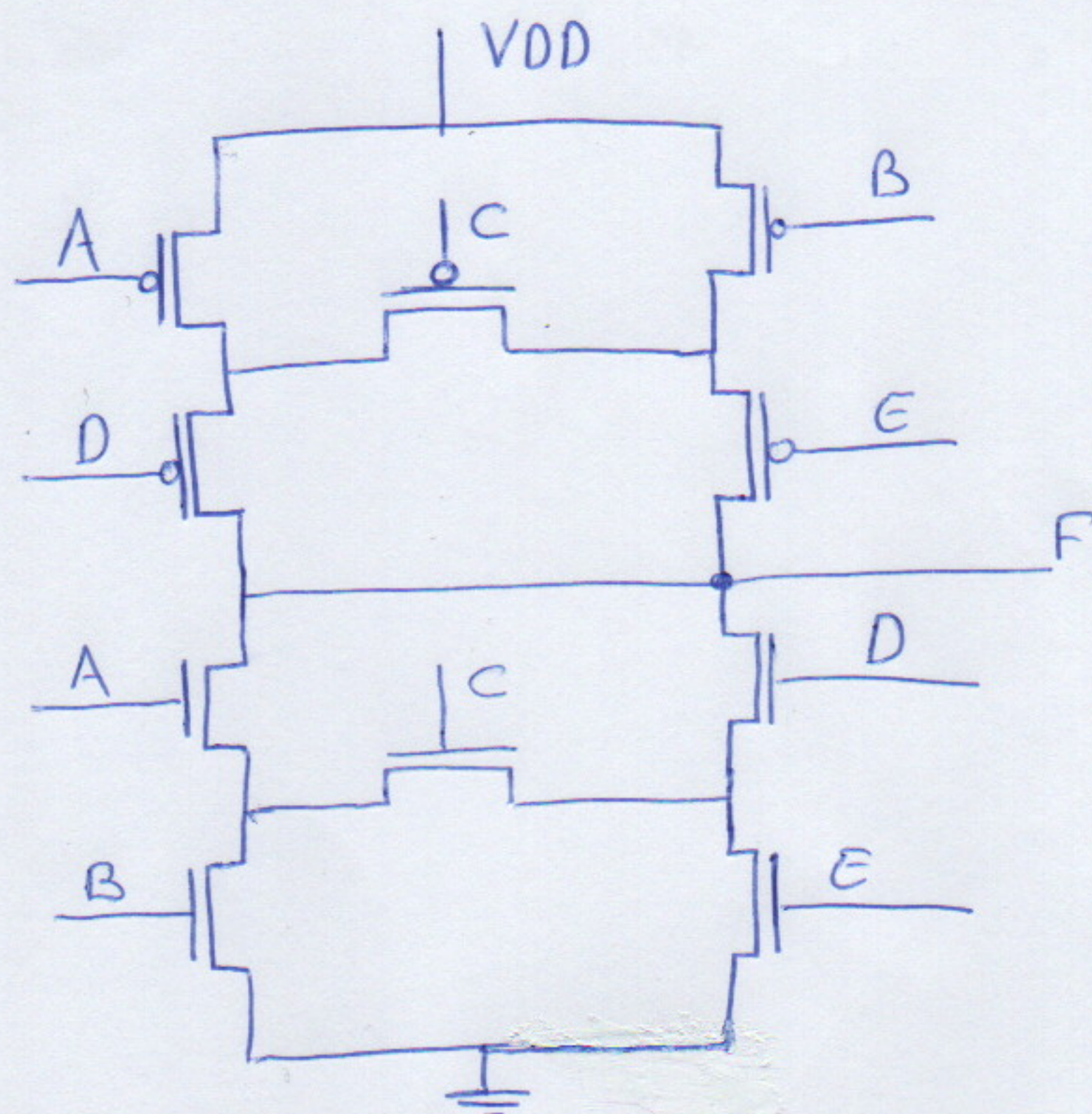
$$\bar{Y} = A(B+CE) + D(E+CB)$$

P-MOS



ισοδύναμα
έχουμε





PMOS διατάξη
Διευθύνει Pull up

NMOS διατάξη
Διευθύνει Pull down