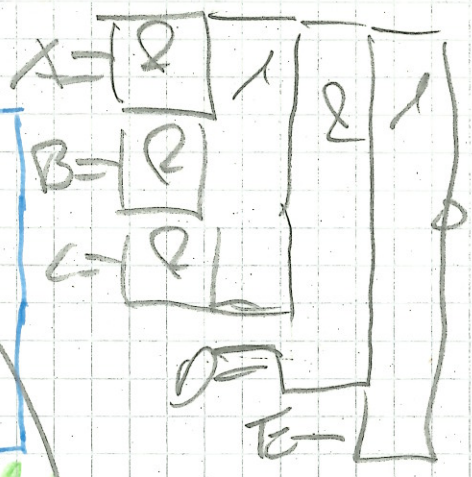
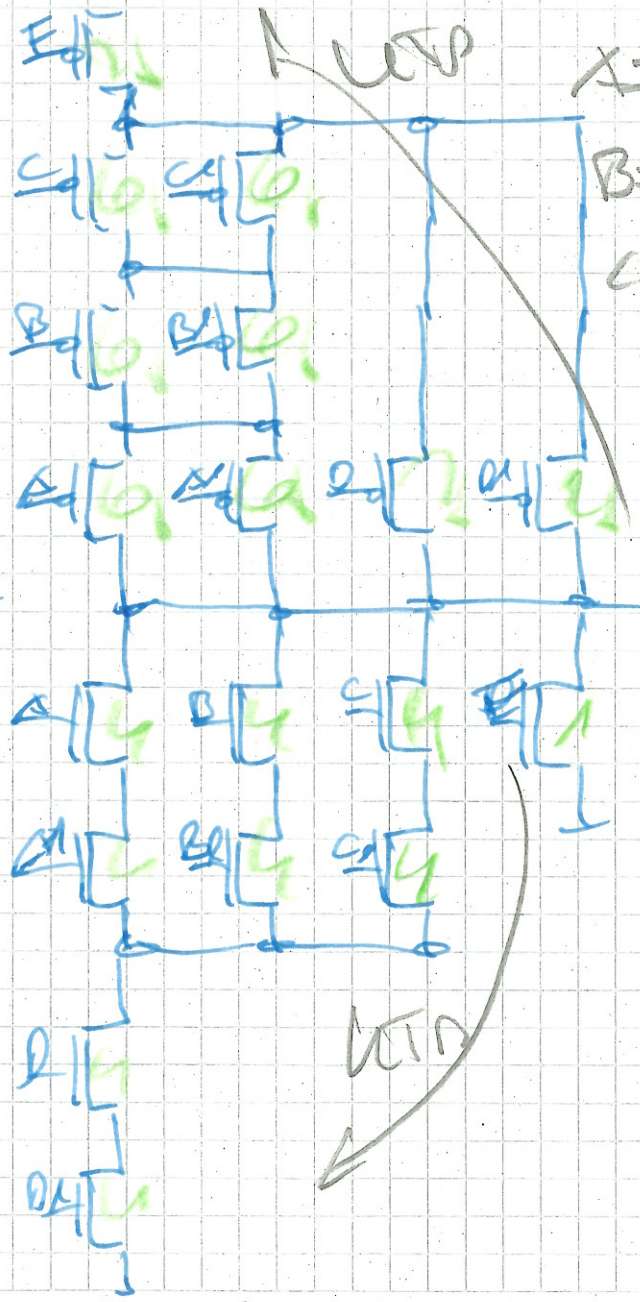


$AAADAA1222 \xrightarrow{pol} AAADAA(2222)1$

input

output



$\Rightarrow \frac{2 \times 2 \times 2}{2 \times 2 \times 2} = 1$