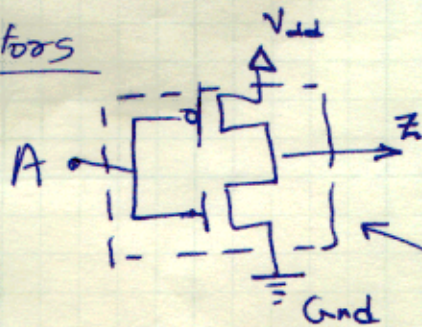


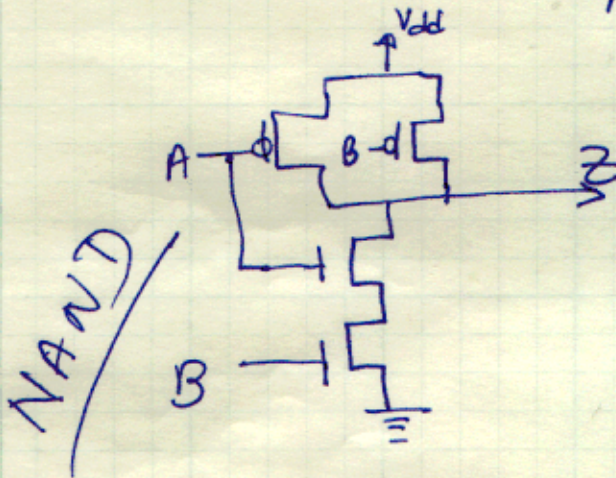
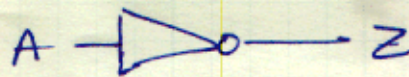
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①

TransistorsWhen $A = 1$, $Z = 0$ $A = 0$, $Z = 1$ INVERTER

$$Z = \overline{A}$$

or A'

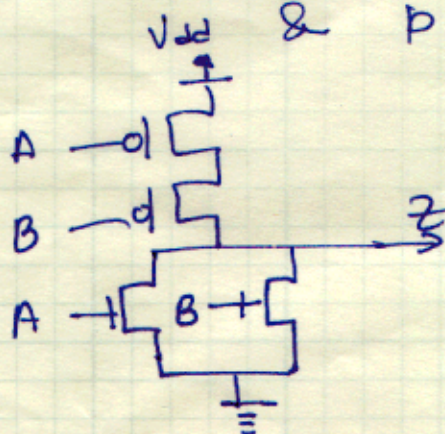


A	B	Z
0	0	1
0	1	1
1	0	1
1	1	0

$$Z = (A \cdot B)'$$

$$= A' + B'$$

NOR :- put n-channel in parallel & p-channel in series.



A	B	Z
0	0	1
0	1	0
1	0	0
1	1	0

$$Z = A' \cdot B'$$

$$= (A + B)'$$