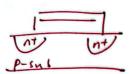
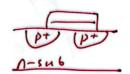
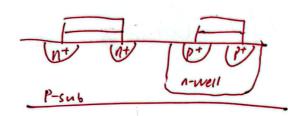


## CMOS Technology





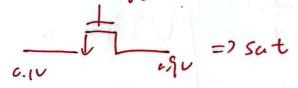


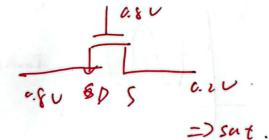
expensive, but wanth it.

Example

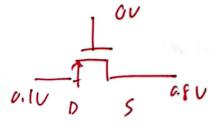
UTHN =0.5L

VTHP = -0.6 V

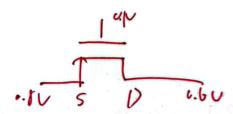




the arrow only indicates the MPMOS
but not the D'ons.
So here the left is D, night is S



( .. IV-OV) = ( 0.6V => sat.



0.5U < |-66U => sat.

CMOS Ampifiers

- · Amp design precedure
  - a select an amp topalogy
  - @ Bias the transistoriss to obtain proper values for gn, ro, ...
  - 3 Determine the characteristics of the circuit.
- · Amp Charactonistics

O Gain ~ D Power Dissipation

Let's build an amp