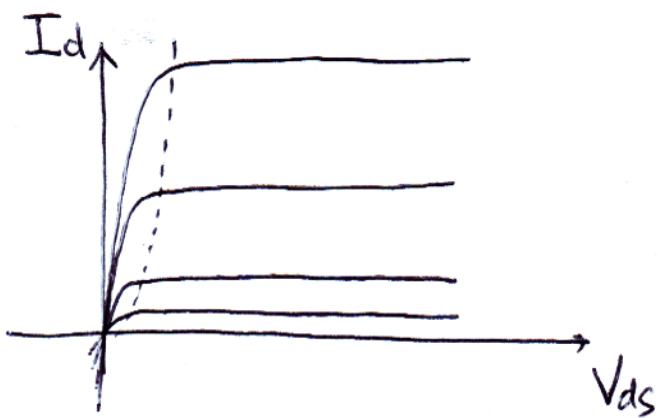


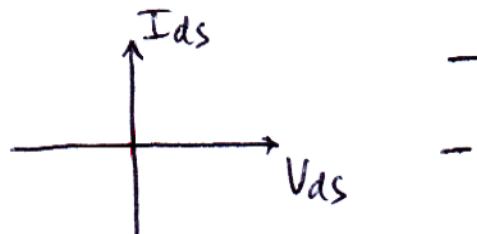
①

P3360/AEP 3630

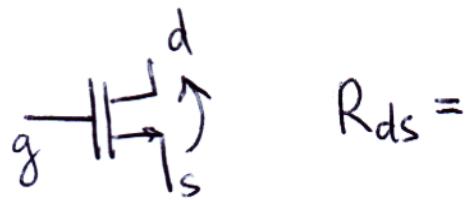
Lecture 21

MOSFET modesmathematical modelIf $V_{gs} < V_T$,Else if $V_{ds} < V_{gs} - V_T$,

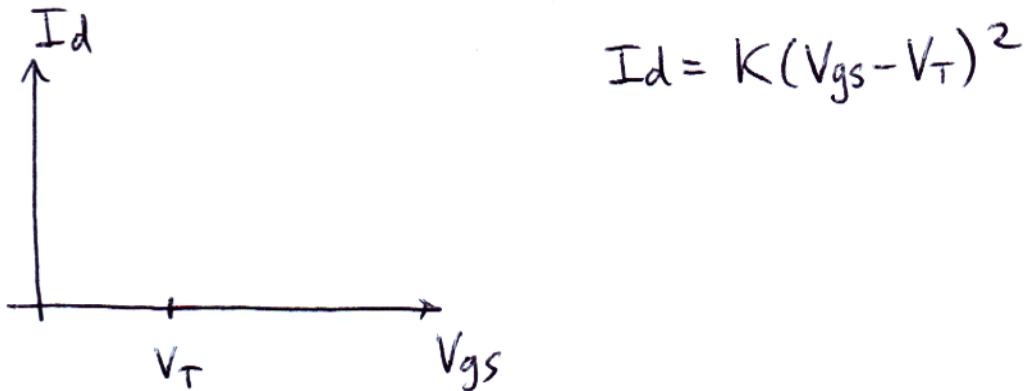
else,

Ohmic region

(2)



saturation (=active) region



-

MOSFET circuit analysis

- ① large signal
- ② small-signal analysis

