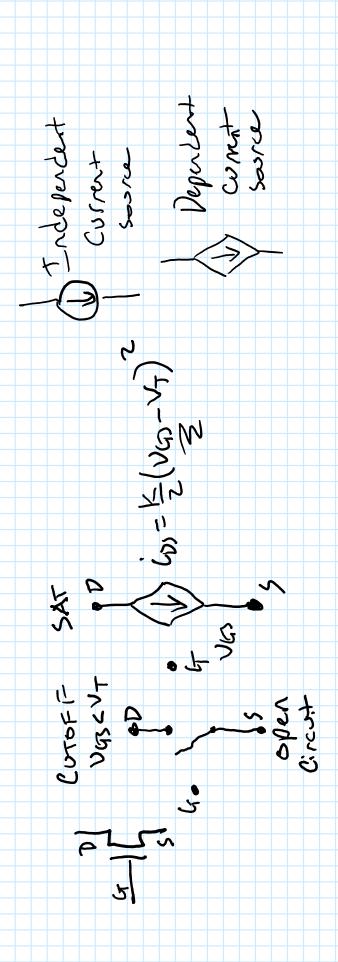
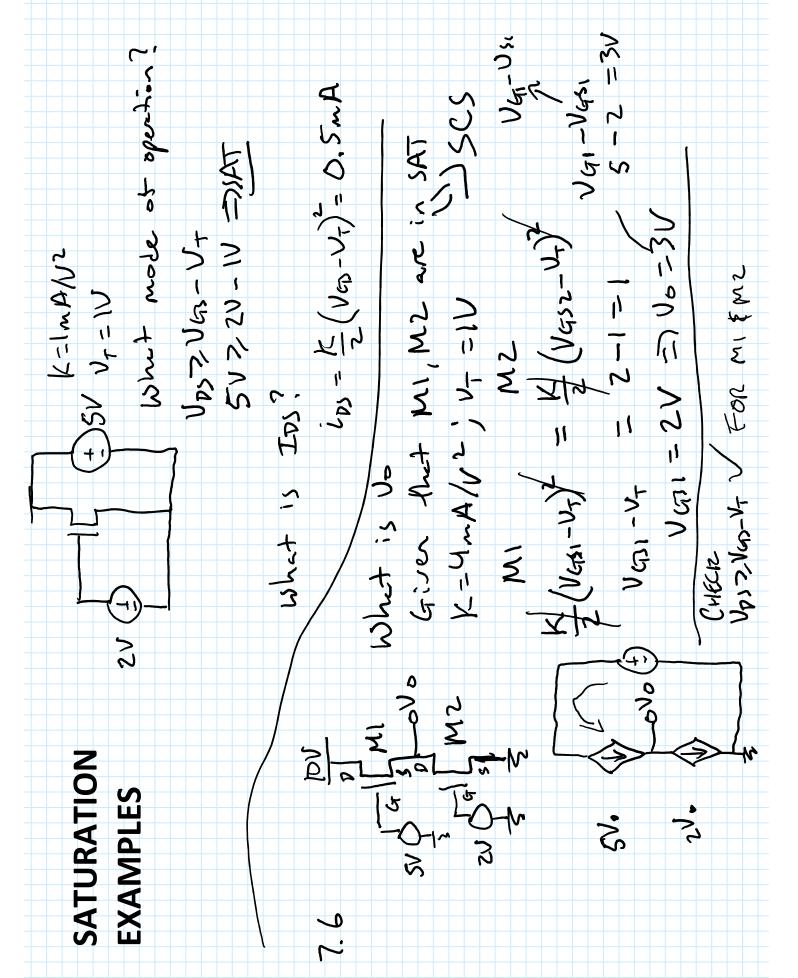


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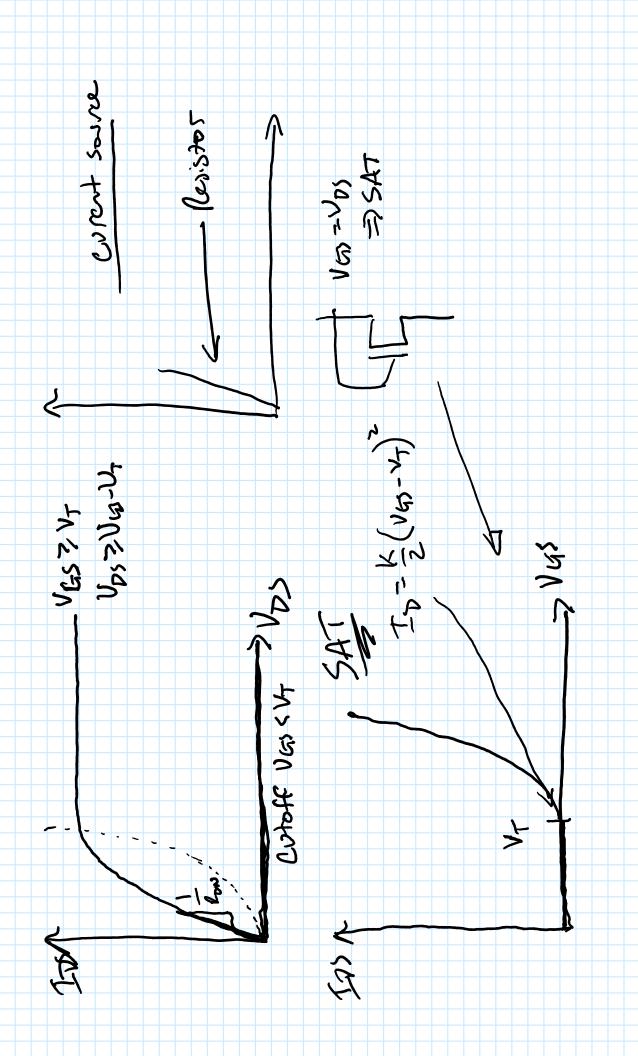
Lectures 3 and 4 Page 7

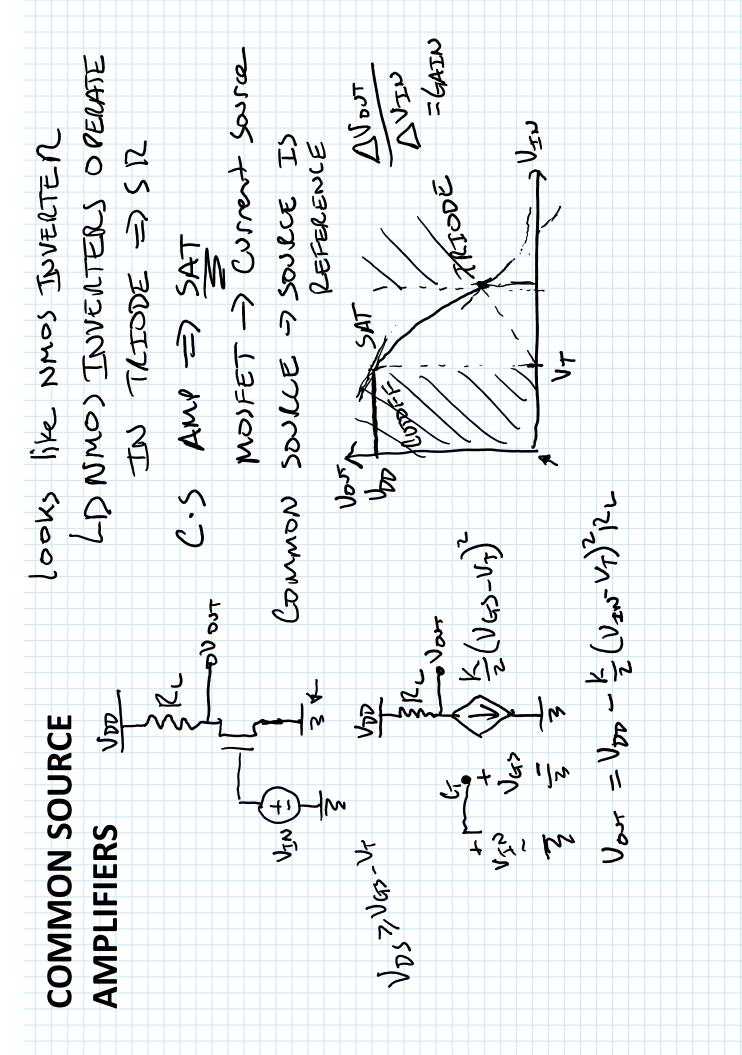
AMPLIFICATION = GAIN

ひつてなら 3 730 19000 -AMP my

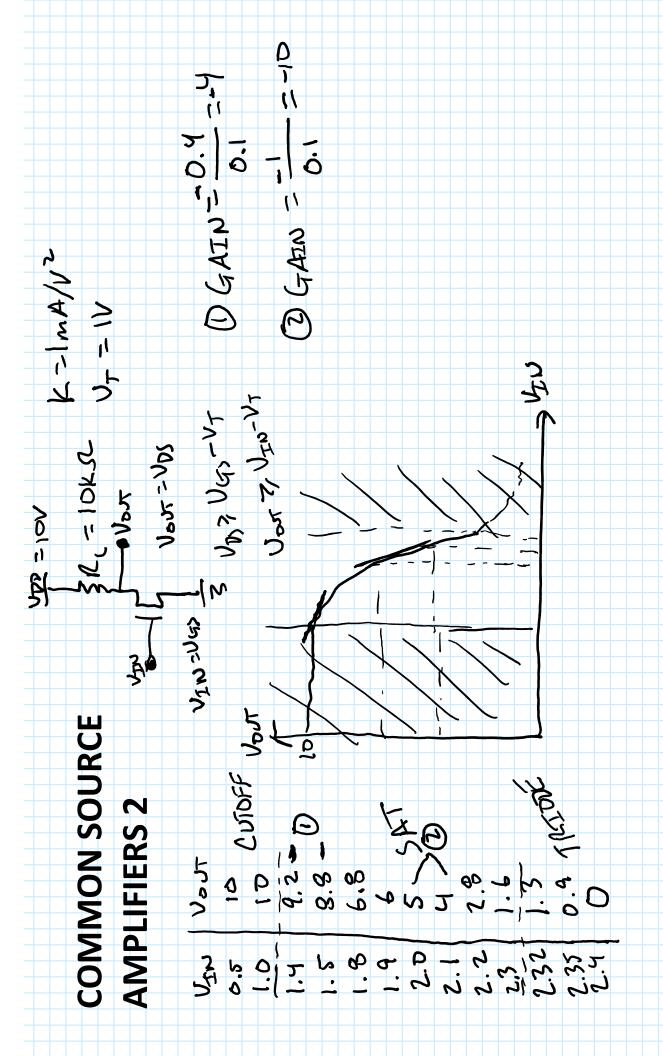
CURRENT 130TH

-> Power Gain Vort X Iour > VIN'IIN POWER RMP





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COMMON SOURCE AMPLIFIER EXAMPLE

as opening parmeters LARGE SIGNAL -> behavior ander large changes in - Same magnide input voltege ANALYSZI

(1) FIND TRANFER FUNCTION - YOU US YOU (2) RANGE OF VALID INPUTS TO REMADE

IN SAT & CORRESPONDENCE OUTPUTS

LOWEST UALID INPUT -) MAX ONFUT (x) 427 VT UDY = VDD (4) - min (4) Job

(y) Vour = Uzw-VT -> Boesen DF 1 PEROTE