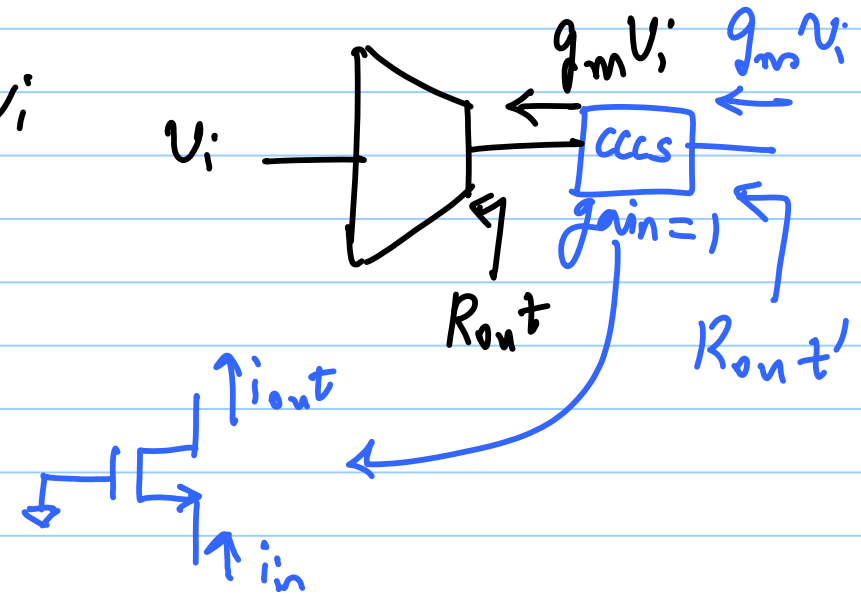
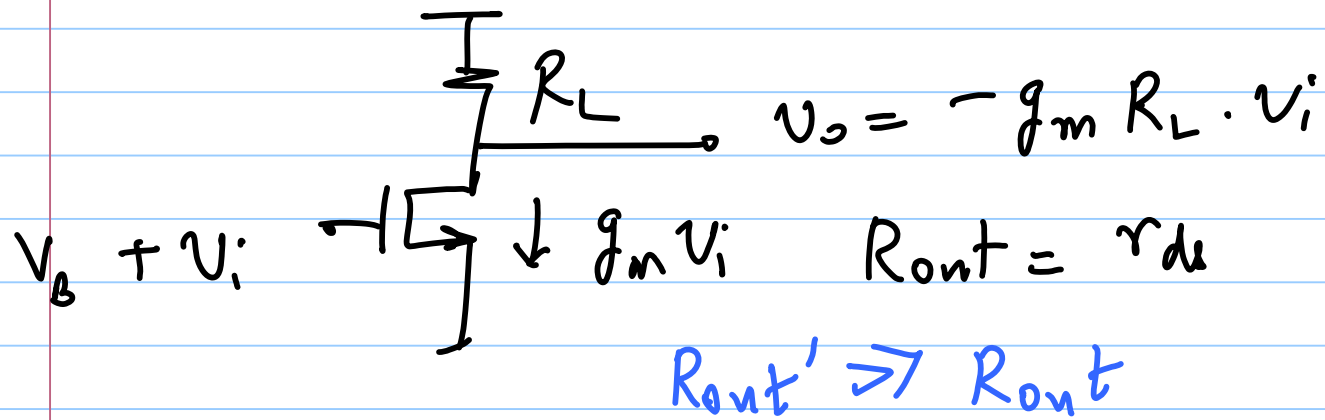
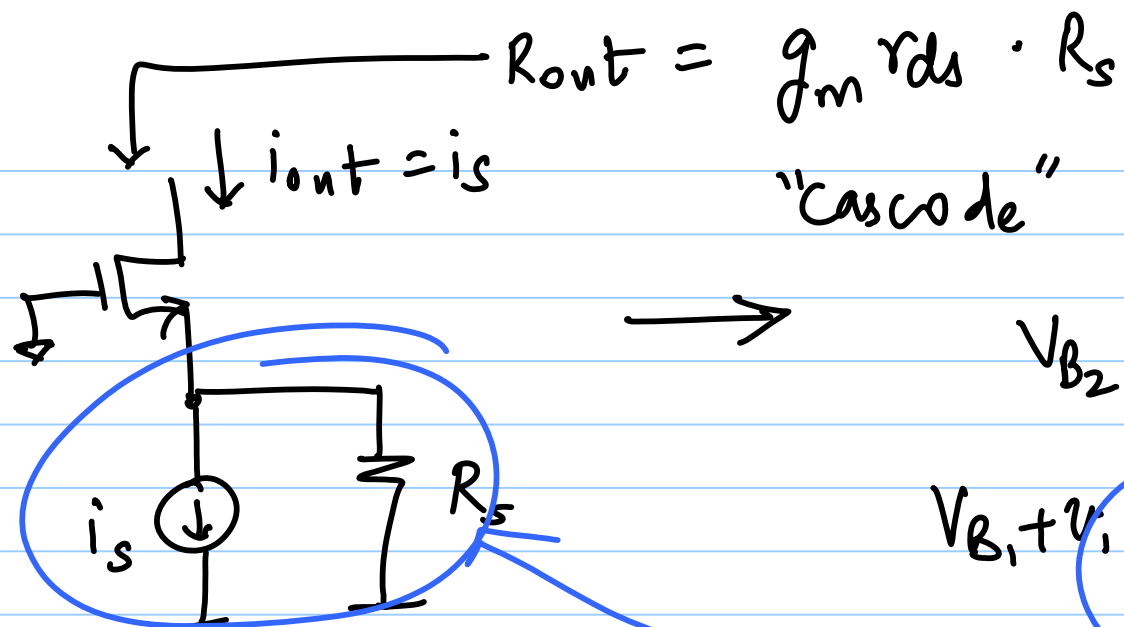


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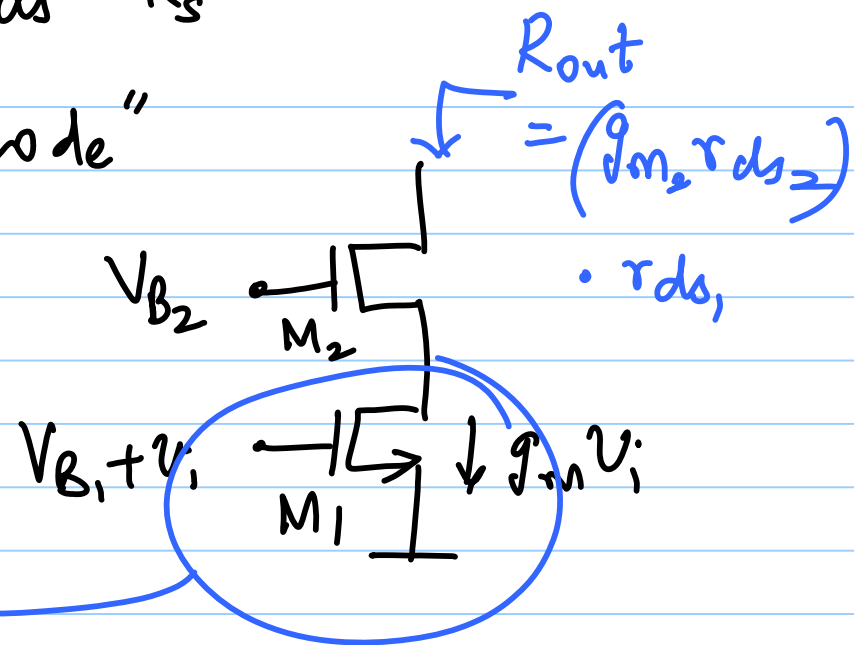
Lec 30

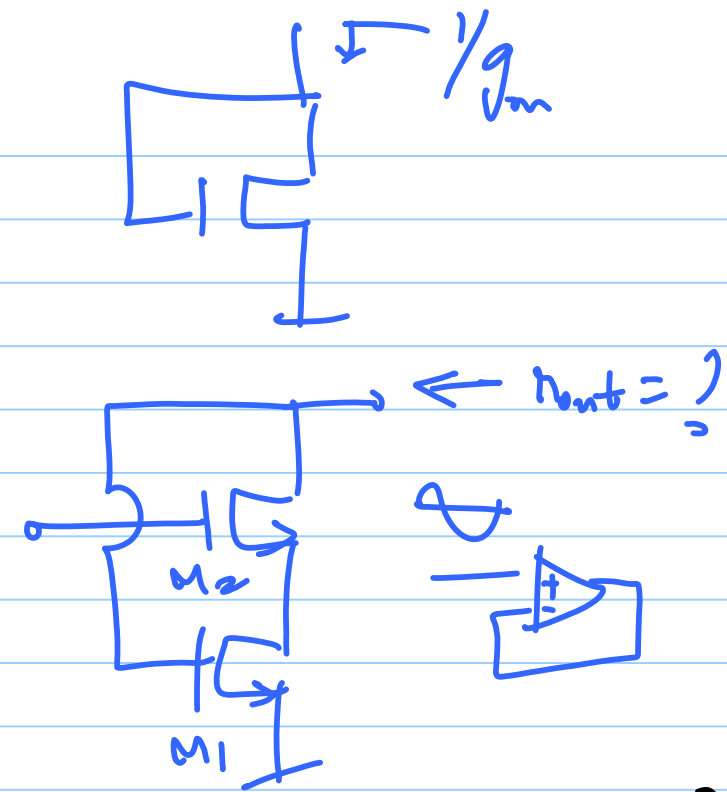


CG
amp.

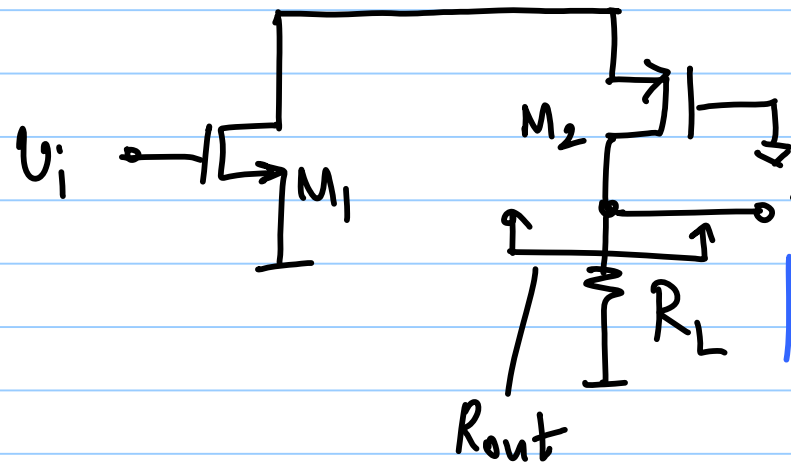


$$i_s = g_m v_i ; R_s = r_{ds1}$$





Telescopic opamp



$$R_{out} = (g_{m2} r_{ds2}) r_{ds1}$$

$$V_o = -g_{m1} R_L \cdot V_i$$

