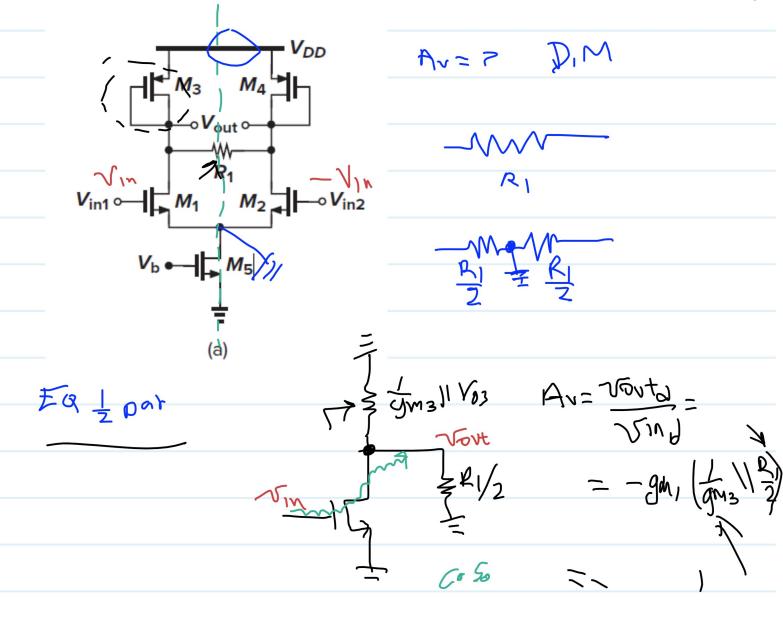
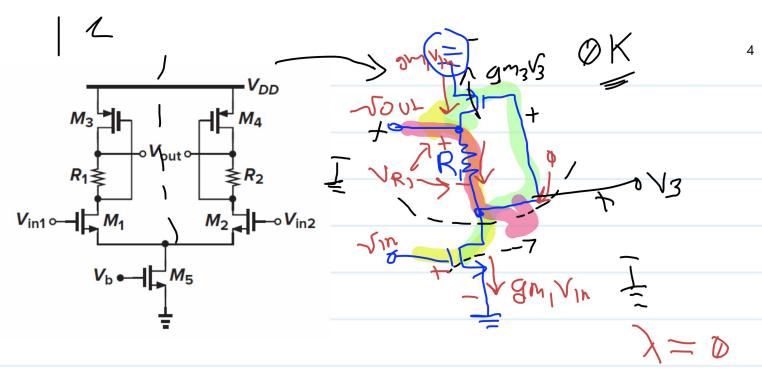
10 Penson $Y(0) = \frac{\sqrt{95-0.1}}{0.2} =$ $o_r 1_M = \frac{1}{2} M_W Cox \frac{W}{L} \left(V_b 5_H - V_{7H} \right)^2$ VGS-VT# = VOV= 0,15 V_ VGS4= 0,551= 01 R= 1,25 12,5 KD

104 = 0,1mA = X. W x 0,152 $\frac{V}{L_{11}} = 22,22$ $\frac{\mathcal{W}}{L_3} = 88,9$ $0, \rightarrow \frac{1}{2} \equiv$ ICMR= 0,51 Vp = 1053 - 019 VCM= 0,55+ VD53]-0,9 -0,35 + Vosmin VCMMIN= -0,2 V -> 1 CMR = (-0,2 :0,5)





VRI=gm, VINR,

gm1 VIn= - 9m3 V3

$$\nabla_3 = -\underline{gm} \, V_{1n}$$

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$$\nabla o t = \left(g_{N1}R_{1} - \frac{g_{N}}{5N_{3}}\right) V_{1}N_{1}$$

it, mode