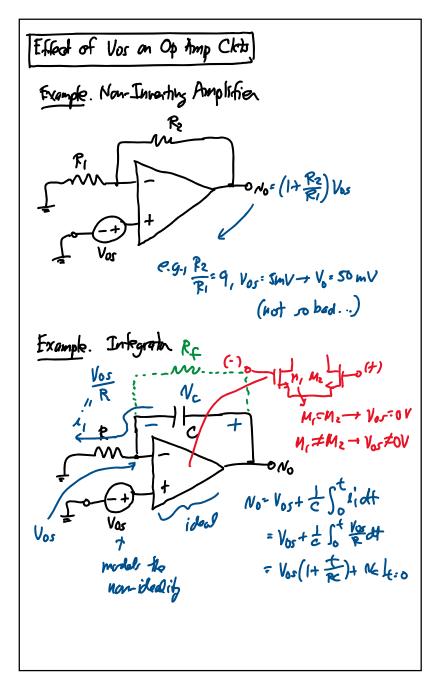
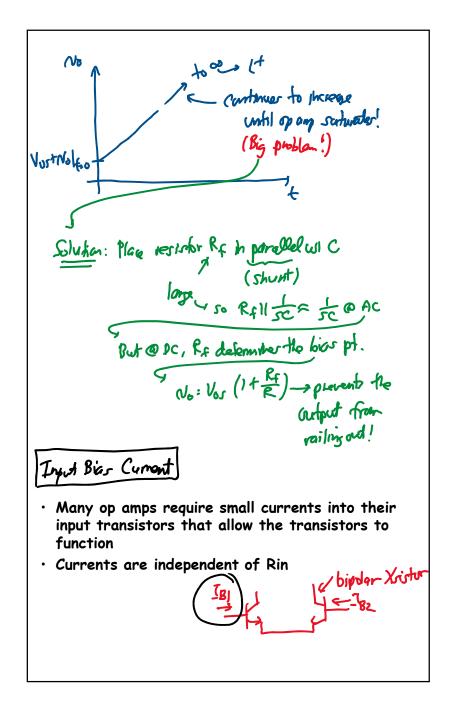
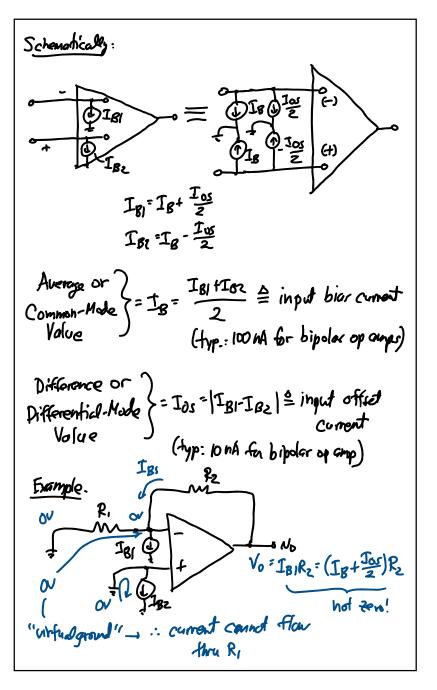


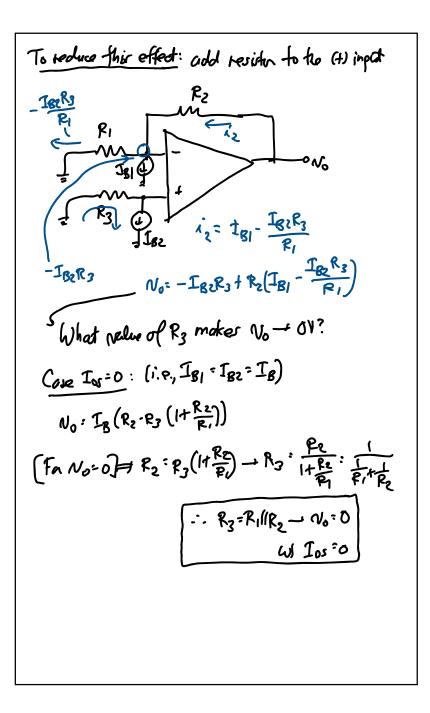
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 $\underbrace{C_{\underline{0}\underline{1}\underline{0}}}_{\underline{0}\underline{1}\underline{0}}: I_{\underline{0}\underline{1}} \stackrel{f \to 0}{=} (i.e., I_{\underline{0}\underline{1}}: I_{\underline{0}} \stackrel{f \to 1}{=} I_{\underline{0}\underline{1}}; I_{\underline{0}\underline{1}} \stackrel{f \to 1}{=} (I_{\underline{0}\underline{1}}: I_{\underline{0}\underline{1}}: I_{\underline{0}\underline{1}} \stackrel{f \to 1}{=} (I_{\underline{0}\underline{1}}: I_{\underline{0}\underline{1}}: I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}: I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}:I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}:I_{\underline{0}}: I_{\underline{0}}: I_{\underline{0}:$ $U_{0}^{*} - I_{B2}R_{3} + R_{2}(I_{B1} - \frac{I_{B2}R_{3}}{P_{1}})$ $N_{1} - I_{B}R_{3} + \frac{I_{Q}R_{3}}{2} + R_{2}(I_{B} + \frac{I_{Q}}{2} - \frac{I_{B}R_{3}}{R_{1}} + \frac{I_{Q}R_{3}}{2})$ $= I_{B}\left(\frac{P_{2}}{P_{2}} - \frac{R_{1}P_{2}}{P_{1}P_{2}} - \frac{R_{1}P_{2}}{P_{1}P_{2}}\right) + \frac{I_{or}\left(\frac{P_{1}P_{2}}{P_{1}P_{2}} + \frac{R_{2}R_{2}}{P_{1}P_{2}}\right)}{I} + \frac{I_{or}\left(\frac{P_{1}P_{2}}{P_{1}P_{2}} + \frac{R_{2}R_{2}}{P_{1}P_{2}}\right)}$ (R3: RILR2) · Vo: IorRz << (Ip+ Ior)Rz 10mA 100mA ~3mA . seffing Rg: RillRz still helps even if Iss = 0!

