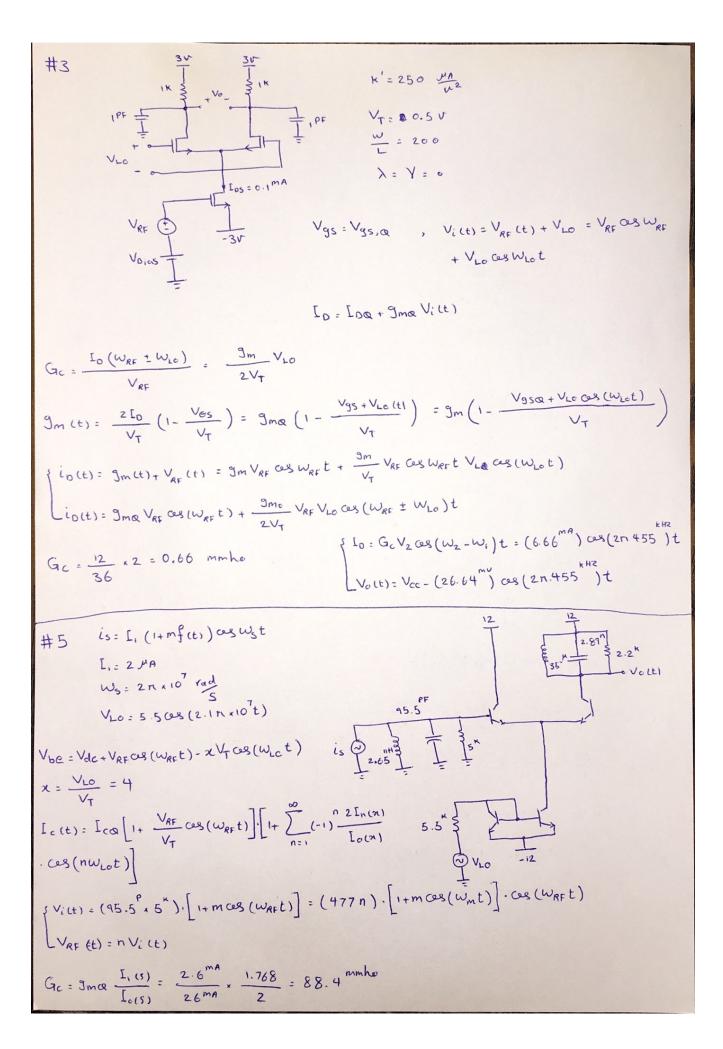
رمنادین بور ۴۵۱۲۳۵ مرک سارمنابراتی مرک سرک سارمنابراتی

$$\begin{split} & I_{\kappa}(t) = I_{\kappa o} + i(t) \qquad , \quad I_{\kappa o} = \frac{V_{\text{EE}} - 0.7}{R_{b}} \qquad , \quad i(t) = \frac{V_{\text{Lo}}}{R_{b}} \cos(\omega_{\text{Lot}}) \\ & i_{*}(t) , \quad i_{2}(t) = \frac{I_{\kappa}(t)}{2} + \frac{I_{\kappa}(t)}{2} \cos(\omega_{\text{Lot}}) \frac{\omega}{R_{b}} \cos(\omega_{\text{Lot}}) \cos(\omega_{\text{Re}}) \qquad , \quad \chi = \frac{V_{\text{Re}}}{V_{\text{T}}} \\ & i_{*}(t) , \quad i_{2}(t) = \frac{I_{\kappa o}}{2} + \frac{V_{\text{Lo}}}{2R_{b}} \cos(\omega_{\text{Lot}}) t + \frac{I_{\kappa o}}{R_{b}} \sum_{n=1}^{\infty} \left[\alpha_{2n-1}(x)\cos(2n-1)\omega_{\text{Re}}t\right] \pm \frac{V_{\text{Lo}}}{2R_{b}} \\ & \sum_{n=1}^{\infty} \alpha_{2n-1}(x)\cos((2n-1)\omega_{\text{Re}}t) + \frac{V_{\text{Lo}}}{2R_{b}} \cos(\omega_{\text{Lot}}) + \frac{V_{\text{Lo}}}{2R_{b}} \cos(\omega_{\text{Lo}}) + \frac{V_{\text{Lo}}}{2R_{b}$$



$$ic \left(\omega_{RF} - \omega_{Lo}\right) = G_C V_{RF} = \left(884^{MA}\right) \cdot \left[i + m \cos\left(\omega_{mt}\right)\right] \cos\left(\omega_{RF}t\right)$$

$$\omega_{m} = \frac{1}{R_L C_L} = Volt = Vcc + (4.4.2) \cdot \left[i + \frac{m}{2} \cos\left(\omega_{mt} - 45^{\circ}\right)\right] \cos\left(\omega_{LF}t\right)$$