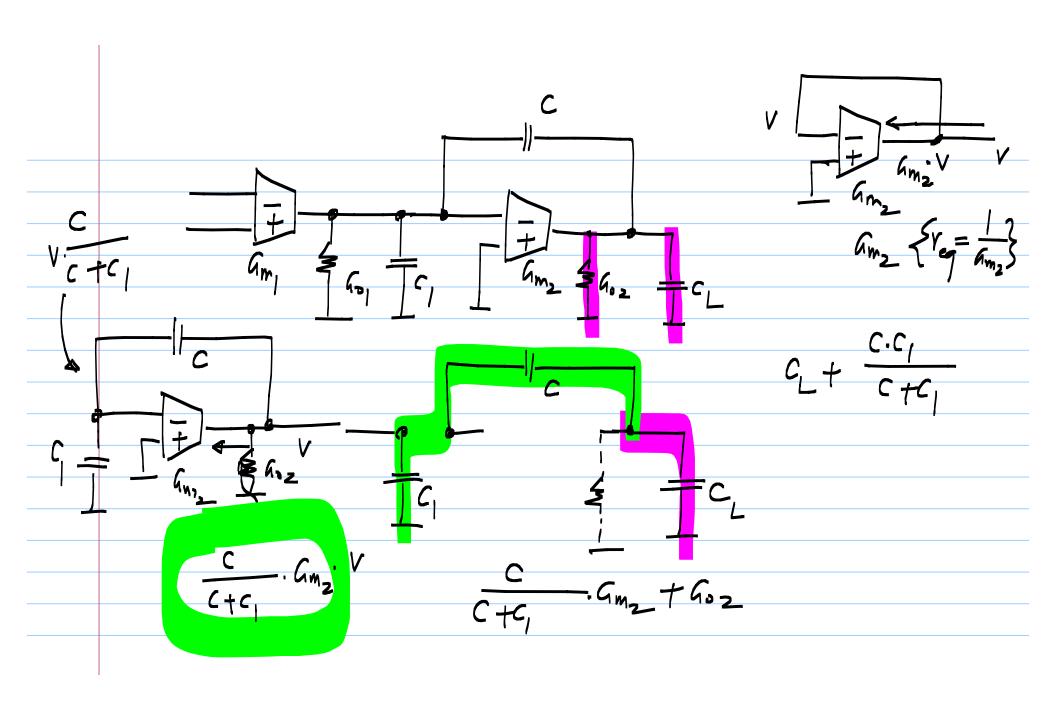
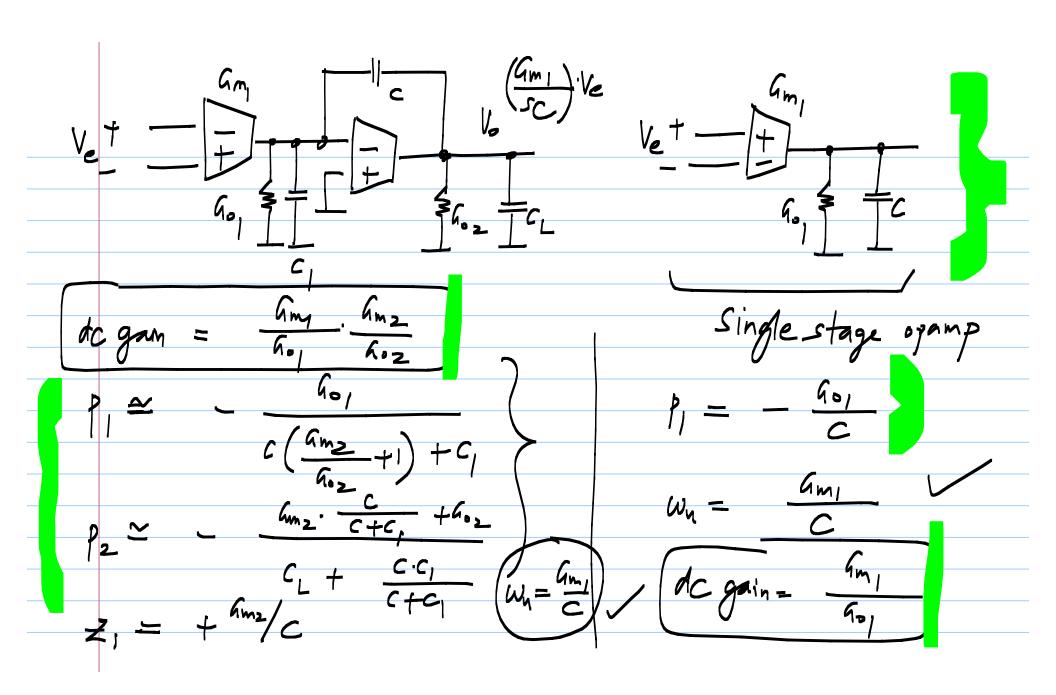
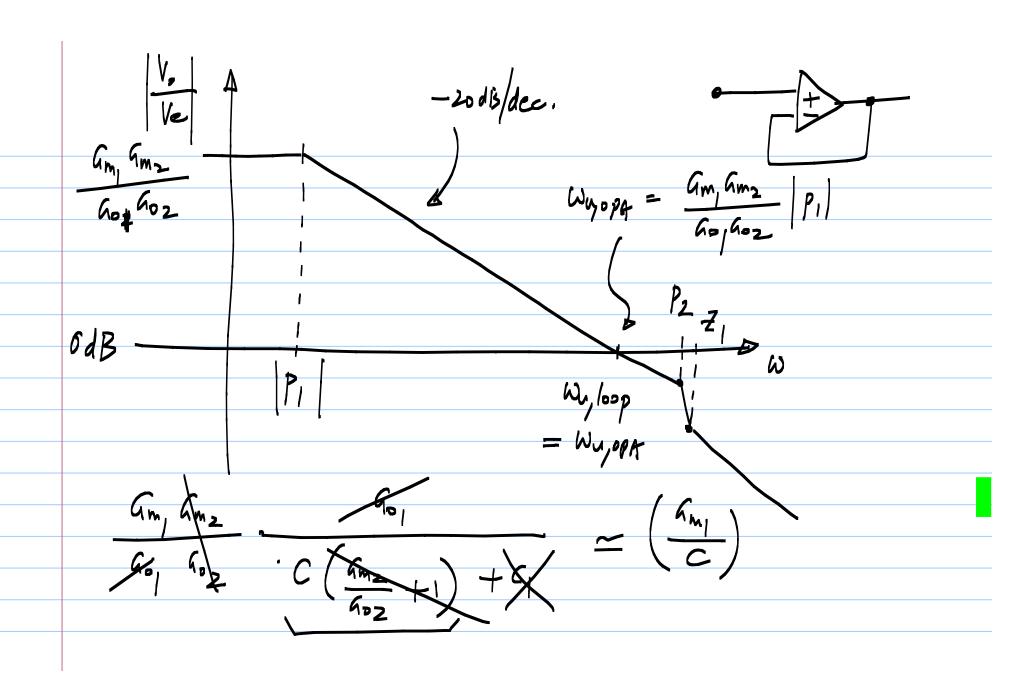
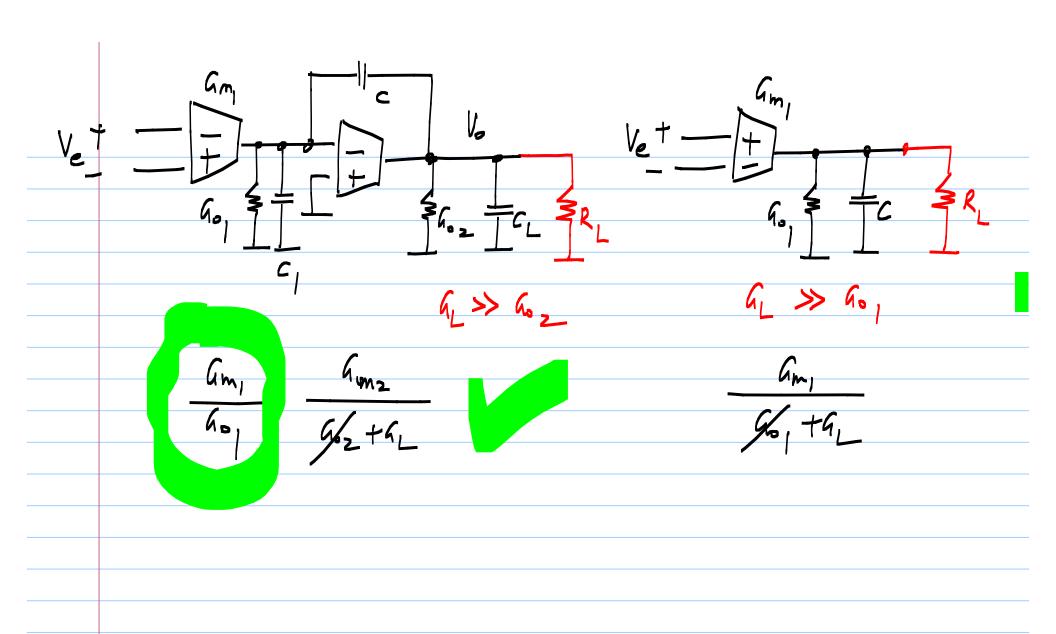


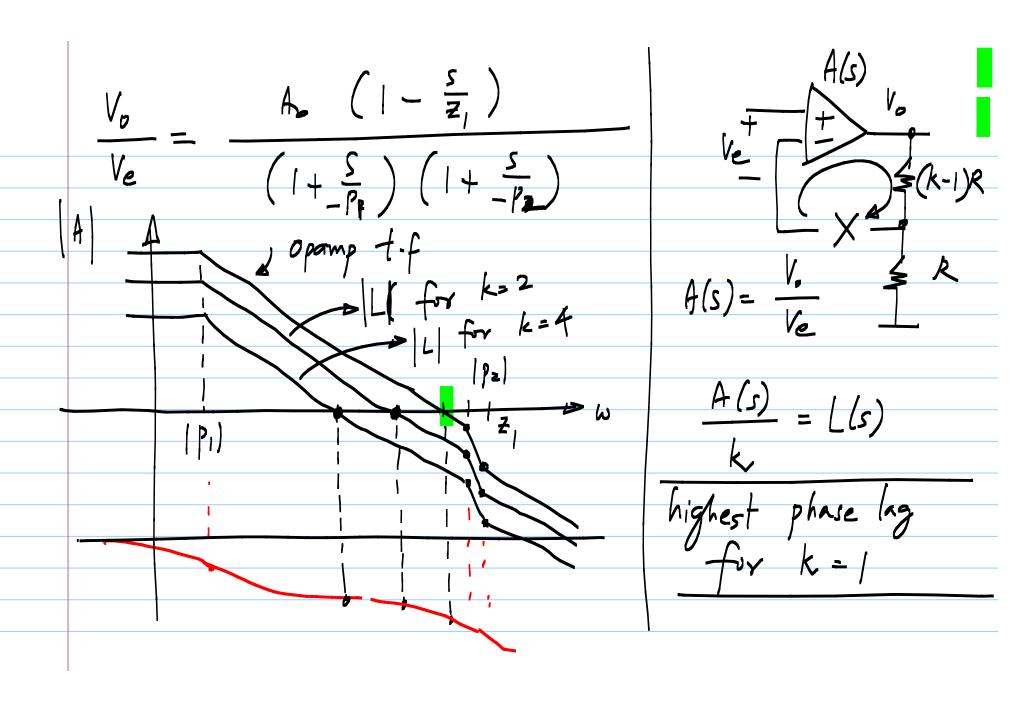
with c Without C 901 40 frequency 2 frequency

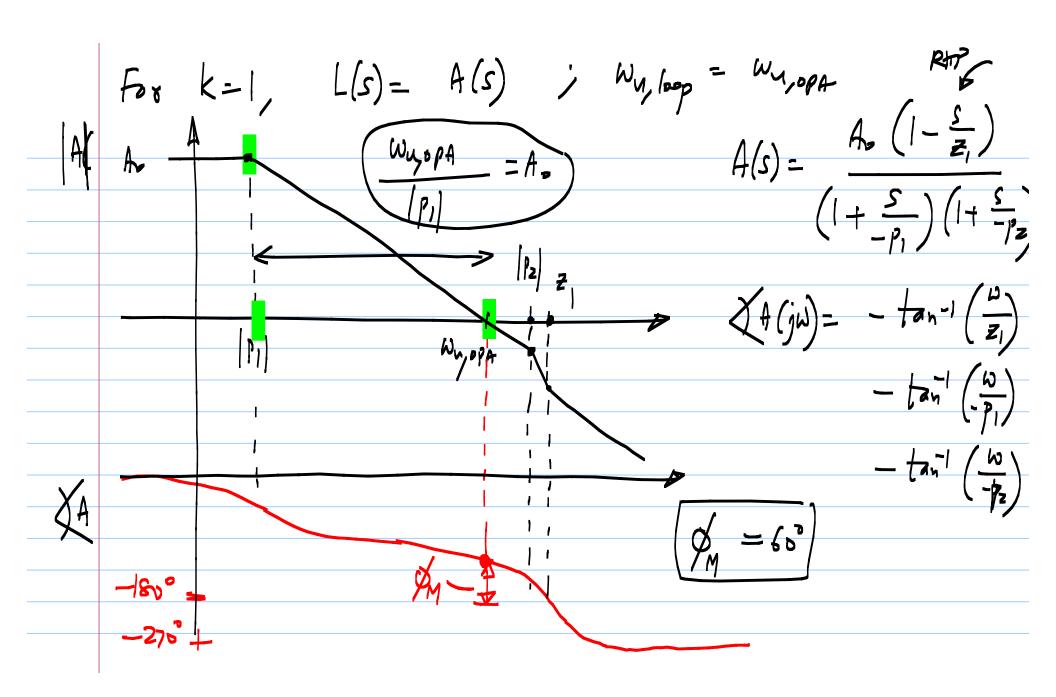












$$\phi_{M} = -\tan^{-1}\left(\frac{\omega_{M}\log_{p}}{\Xi_{1}}\right) - \tan^{-1}\left(\frac{\omega_{W}\log_{p}}{-\rho_{1}}\right) + 180^{\circ}$$

$$= -\tan^{-1}\left(\frac{Gm_{1}}{Gm_{2}}\right) - 90^{\circ} - \tan^{-1}\left(\frac{\omega_{W}\log_{p}}{-\rho_{2}}\right) + 180^{\circ}$$

$$= 90^{\circ} - \left[\tan^{-1}\left(\frac{Gm_{1}}{Gm_{2}}\right) + \left(\tan^{-1}\left(\frac{\omega_{W}\log_{p}}{\rho_{2}}\right)\right) + 180^{\circ}
\right]$$

$$= \frac{1}{4} + \frac{1}{4} +$$

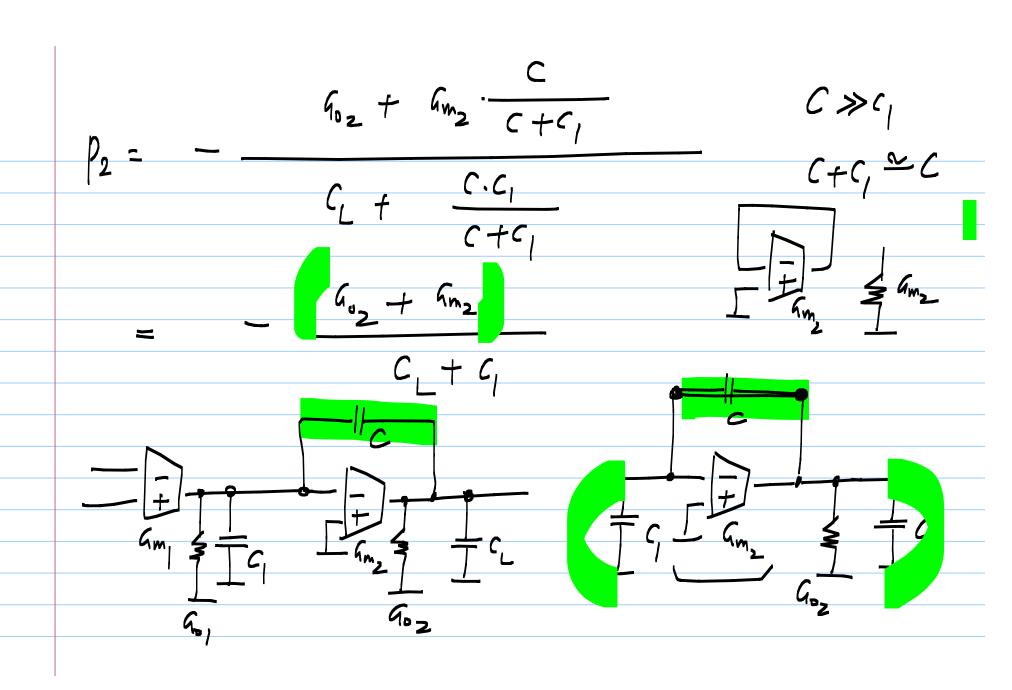
$$\frac{\tan^{-1}\left(\frac{\omega_{n_1} \log_p}{\rho_L}\right) = 16^{\circ}}{\frac{G_{m_1}/C}{\rho_L}} = \frac{G_{m_1}/C}{\frac{G_{m_2} \cdot C/C + C_1}{C + C_1}} = \frac{\tan\left(16^{\circ}\right)}{\frac{G_{m_2} \cdot C/C + C_1}{C + C_1}} = \frac{G_{m_1}\left(C_L + \frac{C \cdot C_1}{C + C_1}\right)}{\frac{G_{m_2} \cdot C/C}{C + C_1}} = \frac{\tan\left(16^{\circ}\right)}{\frac{G_{m_2} \cdot C/C}{C + C_1}}$$

$$\left(\frac{G_{m_1}}{G_{m_2}}\right) \cdot \frac{1}{c^2} \left(C_L \cdot C + C_L C_I + C \cdot C_I\right) = + \tan \left(\frac{16^{\circ}}{c}\right)$$

$$\frac{1}{c_1} \left( \frac{c_2}{c_1^2} \right) = \left( \frac{c_1}{c_1} \right) \left( \frac{c_1}{c_2} + \frac{c_2}{c_1} + \frac{c_1}{c_2} \right)$$

$$=\frac{G_{m_1}}{G_{m_2}}\left(\frac{C}{C_L}\left(1+\frac{C_I}{C_L}\right)+\frac{C_I}{C_L}\right)$$

$$\left(\frac{C}{C_{L}}\right): \left\{\frac{G_{m_{1}}}{G_{m_{2}}}, \tan \beta_{M}, \frac{C_{1}}{C_{L}}\right\}$$



When 
$$C \gg C_1$$
,  $P_2 \sim \frac{G_{m_2} + G_{02}}{C_1 + C_L}$   
 $tan + \left(\frac{G_{m_1}}{P_2}\right) = 16^{\circ}$ 
Linear equation
 $G_{m_1}/C$ 
in  $C$