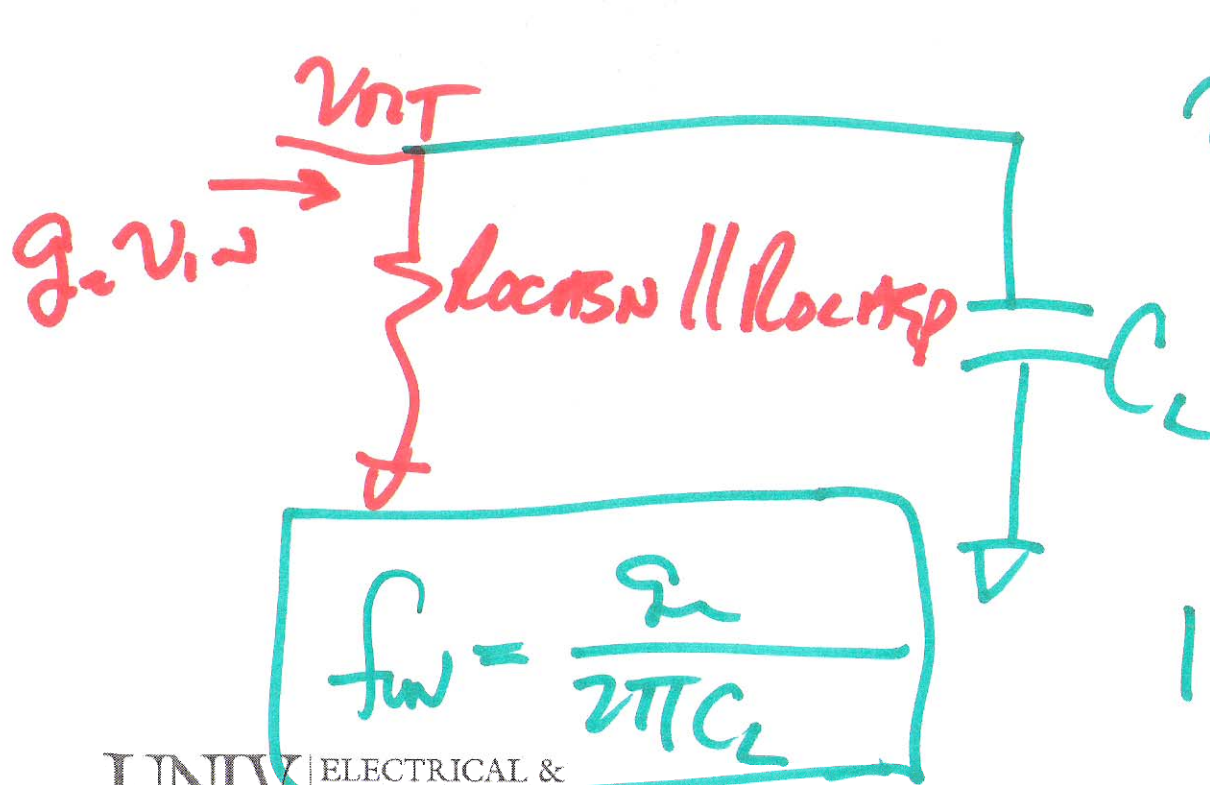


$$V_{OT} = g_m \cdot V_{in} \cdot R_{OATS} \parallel R_{OATS,p}$$

$$\frac{V_{OT}}{V_{in}} = g_m R_{OATS} \parallel R_{OATS,p}$$



$$V_{OT} = g_m V_{in} \cdot \frac{1}{j\omega C_L}$$

$$\frac{V_{OT}}{V_{in}} = \frac{g_m}{j\omega C_L}$$

$$1 = \left| \frac{g_m}{2\pi f_w C_L} \right|$$