

$$G_0$$

$$\angle G_0$$

$$|G(j\omega)|$$

$$3\text{ dB}$$

$$\omega_{-3dB}$$

$$\omega_u$$

$$-20\text{ dB/decade}$$

$$-6\text{ dB/octave}$$

$$G_0/(1+T)$$

$$(1+T) \times \omega_{-3dB}$$

$$Z_{out}$$

$$i_x = G_m v_c$$

$$i_x = G_m v_x$$

$$Z_{out} = 1/G_m$$

$$-90^\circ$$

$$-180^\circ$$