

②  $G_p$  est max quand  $R_s = 0$

$$G_{pmax} = \frac{g^4 R_L R_e^3}{R_e^2 R_L^2} \quad R_e = R_L$$

$$G_{pmax} = g^4 = 625$$

$$G_{pmax} \text{ (dB)} = 28 \text{ dB.}$$