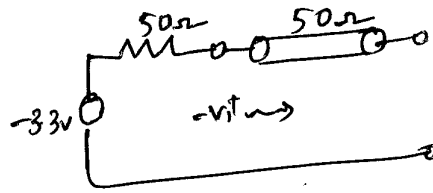


$$V_1^* = (3.3V) \left(\frac{50}{50+50} \right) = 1.65V$$

$$P_L = \frac{0-50}{0+50} = 1$$

$$P_g = \frac{50-50}{50+50} = 0$$



$$-V_1^* = -1.65V$$

$$P_L = 1$$

$$P_g = 0$$

