

Special Problem 5.5-5

For the transistor below:

$$K = 1.0 \text{ mA/V}^2$$

$$V_t = 1.0 \text{ V}$$

$$\lambda = 0.0 \text{ V}^{-1}$$

Find the **small-signal voltage gain** ($A_v = v_o/v_i$) of the amplifier below.

