

$$v_s$$

$$v_{out}$$

$$Z_L$$

$$i_s$$

$$V_{DS} > V_{od} = V_{gs} - V_T$$

$$R_L$$

$$I_D$$

$$V_{DD}$$

$$\begin{array}{c} + \\ V_{DS} > V_{od} = V_{gs} - V_T \\ - \end{array}$$