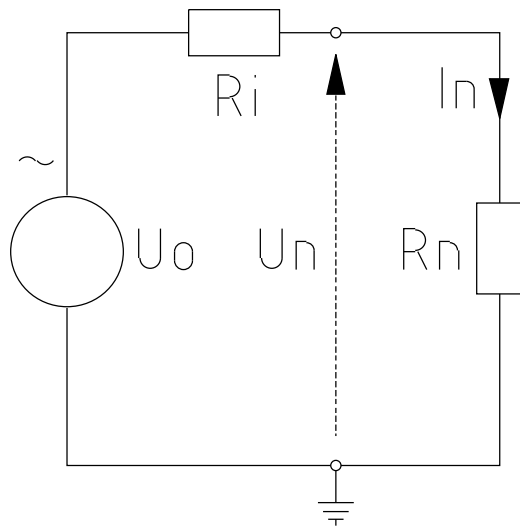




$$U_n = U_0 \frac{R_n}{R_i + R_n}$$

$$I_n = \frac{U_0}{R_i + R_n}$$

$$R_n \gg R_i \Rightarrow U_n \approx U_0$$

$$R_n \approx 0 \Rightarrow I_{ks} \gg I_n$$

