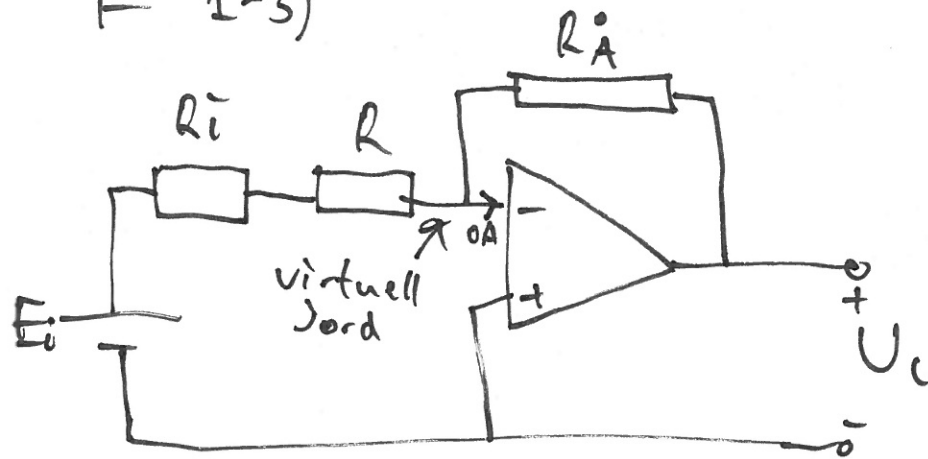


F 1-3)



$$E_i = 12.5 \text{ mV}$$

$$R_i = 600 \Omega$$

$$R = 2.4 \text{ k}\Omega$$

$$R_A = 240 \text{ k}\Omega$$

$$\frac{E_i}{R_i + R} = - \frac{U_c}{R_A}$$

\Rightarrow

$$U_c = - \frac{E_i \cdot R_A}{R_i + R} = - \frac{12.5 \text{ mV} \cdot 240 \text{ k}}{2.4 \text{ k} + 600} = -1 \text{ V}$$

$$U_c = -1 \text{ V}$$