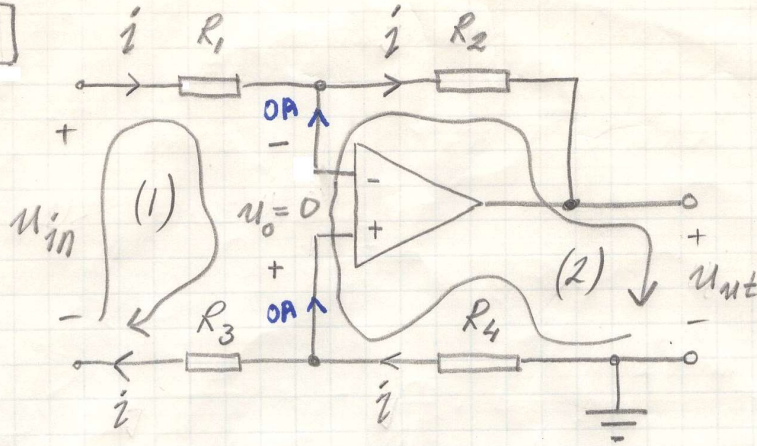


F1.6



$$+u_{in} - R_1 i + u_0 - R_3 i = 0 \dots (1)$$

$$-R_4 i - u_0 - R_2 i - u_{ut} = 0 \dots (2)$$

$$(1) \rightarrow i = \frac{u_{in}}{R_1 + R_3}$$

$$(2) \rightarrow i = \frac{-u_{ut}}{R_2 + R_4}$$

$$\Rightarrow \frac{u_{ut}}{u_{in}} = - \frac{R_2 + R_4}{R_1 + R_3}$$

$$\frac{u_{ut}}{u_{in}} = - \frac{100 + 110}{10 + 20} = \underline{\underline{-7,0 \text{ GGR}}}$$