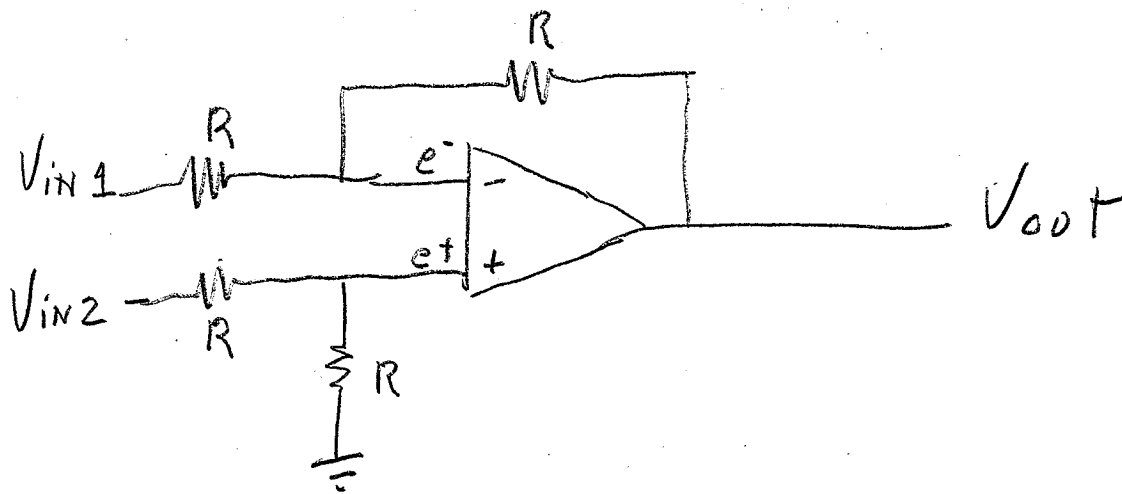


stage 2



linear operation $e^+ = e^-$

$$e^+ = \frac{V_{IN2}}{2} = e^-$$

$$V_{IN1} - e^- = e^- - V_{OUT}$$

$$V_{OUT} = e^- + e^- - V_{IN1}$$

$$V_{OUT} = 2e^- - V_{IN1}$$

$$V_{OUT} = 2 \frac{V_{IN2}}{2} - V_{IN1}$$

$$V_{OUT} = V_{IN2} - V_{IN1}$$