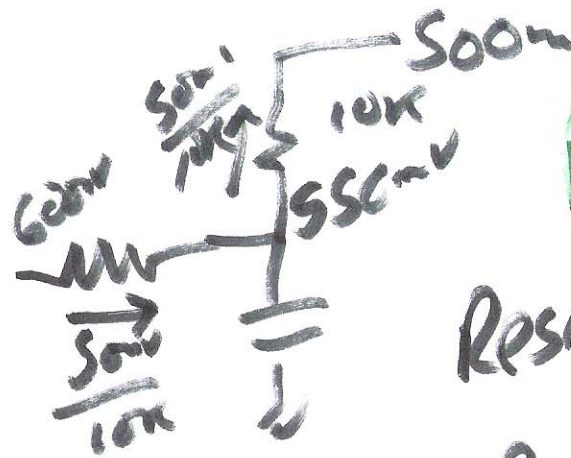
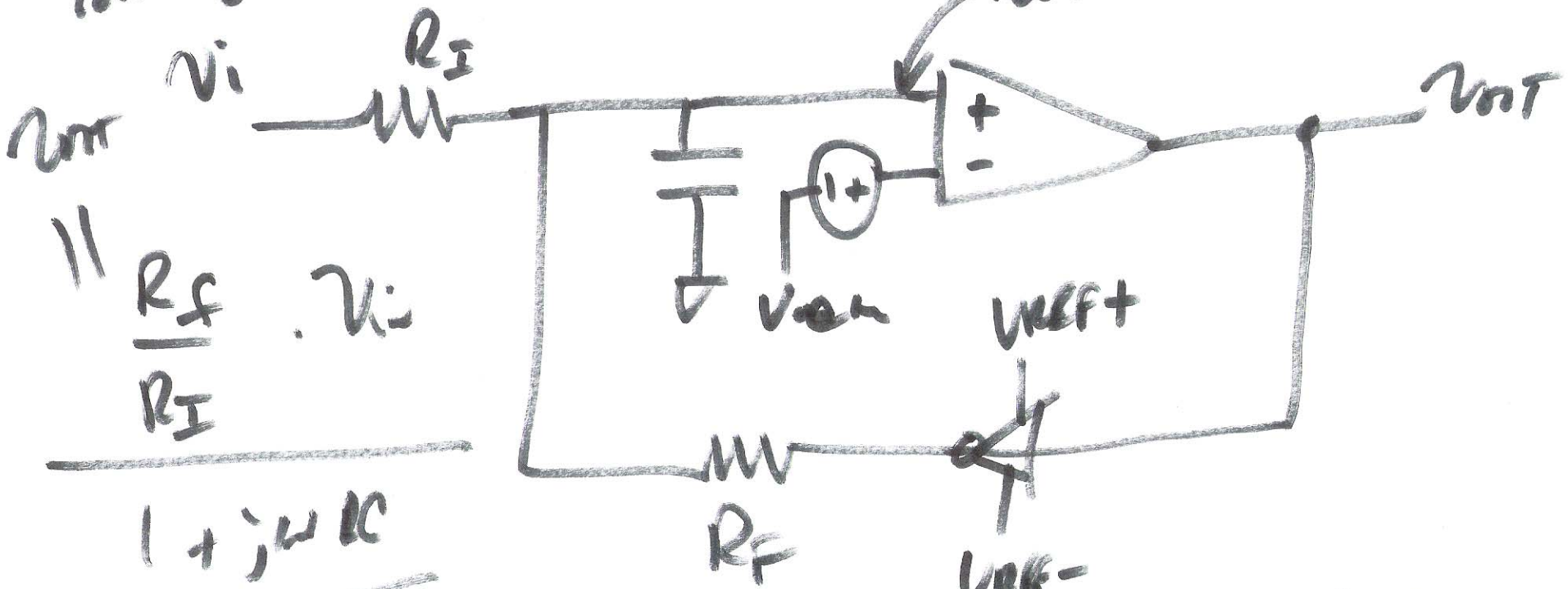


# PASSIVE NOISE-SHAPING



Resistor mismatch



$$\frac{R_f}{R_I} \cdot V_i$$

$$1 + j\omega RC$$

5TP

$$\frac{V_i - V_{OUT}(t)}{R_I} = \frac{V_{REF} - V_{OUT}}{R_F}$$

1)