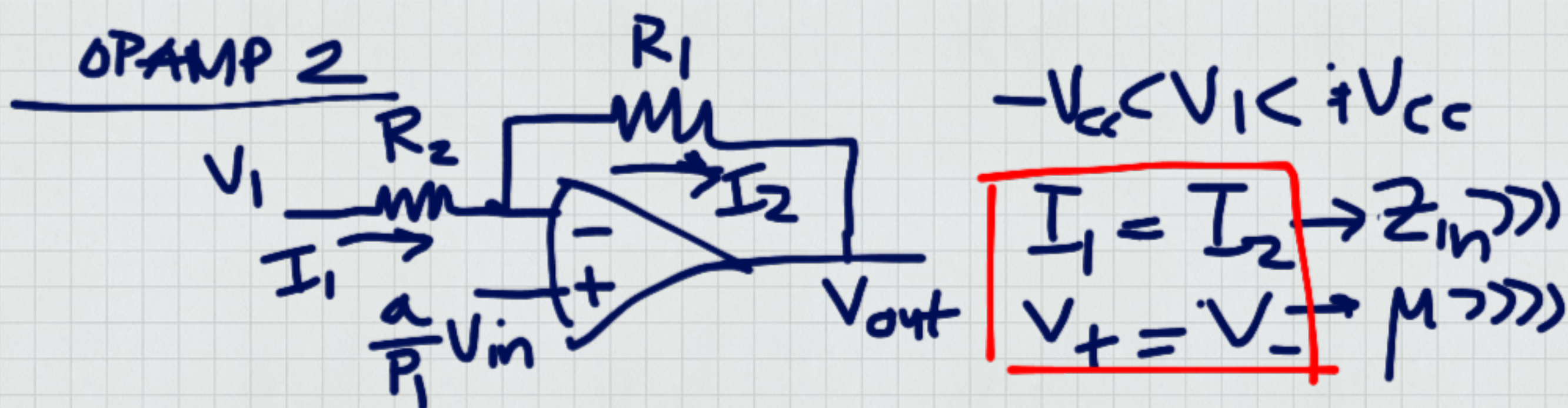




$$\frac{V_1 - \frac{a}{P_1} V_{in}}{R_2} = \frac{\frac{a}{P_1} V_{in} - V_{out}}{R_1}$$

$$R_1 V_1 - \frac{R_1 a}{P_1} V_{in} = \frac{R_2 a}{P_1} V_{in} - R_2 V_{out}$$

$$R_2 V_{out} = (R_1 + R_2) \frac{a}{P_1} V_{in} - R_1 V_1$$

$$V_{out} = \left(\frac{R_1 + R_2}{R_2} \right) \frac{a}{P_1} V_{in} - \frac{R_1}{R_2} V_1$$

5
24
+ 2,5