$$V_{im} = V_{im}$$

$$V_{im} = V$$

$$V_{in} = V_{out}$$

$$V_{in} = V_{out}$$

$$V_{out} = -R_{f}$$

$$V_{out} = V_{in}$$

$$\frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{\sqrt{2}} =$$

$$\frac{V_3 - V_A}{R_1} = \frac{V_A - V_{AB}}{R_3}$$

$$\frac{V_{AB}}{R_2} = \frac{V_A - V_{AB}}{R_3}$$

$$\frac{V_{AB}}{R_3} = \frac{V_{AB}}{V_{AB}}$$

$$\frac{V_{AB}}{R_2 + R_3}$$

R3 V3 (R2+R3) - V4 R3 - V4 R3 R2 = - Vort R2

R3 V3 (R2 K3) - V4 R3 (BAR2)

R2 K3 (V3 - V4) = - Var R2