$$V_1 = 2 v$$
 $V_2 = 3 v$ 
 $V_1 = 2 v v v x$ 

$$V_{0}^{-}\left(-\frac{V_{1}}{\varrho_{1}}-\frac{V_{2}}{\varrho_{2}}\right)\cdot\varrho_{3}=0$$

$$|\mathcal{L}_{CL}: V_{N2}| \qquad |\mathcal{I}_{Y} + |\mathcal{I}_{S}| = 0 \implies |\mathcal{I}_{Y}| = \frac{|\mathcal{V}_{OI} - \mathcal{V}_{N2}|}{|\mathcal{L}_{Y}|} = \left(-\frac{|\mathcal{V}_{I}|}{|\mathcal{L}_{I}|} - \frac{|\mathcal{V}_{S}|}{|\mathcal{L}_{Y}|}\right) \frac{|\mathcal{L}_{I}|}{|\mathcal{L}_{Y}|}$$

$$\dot{I}_{S} = \frac{V_{O2} - V_{N_2}}{\ell_{S}} = \frac{V_{O2} - O}{\ell_{S}} = \frac{V_{O2}}{\ell_{S}}$$

$$\frac{V_{02}}{R_{5}} + \left(-\frac{V_{1}}{R_{1}} - \frac{V_{2}}{R_{2}}\right) \frac{R_{3}}{R_{4}} = 0 \implies V_{02} = \left(\frac{V_{1}}{R_{1}} + \frac{V_{2}}{R_{2}}\right) \frac{R_{3} \cdot R_{5}}{R_{4}}$$

$$V_{OUT} = \left(\frac{V_1}{R_1} + \frac{V_2}{R_2}\right) \cdot \frac{R_3 \cdot R_{\Gamma}}{R_{\gamma}}$$

$$V_{OUT} = (\frac{2}{2000} + \frac{3}{2000}) \cdot \frac{2000 \cdot 2000}{2000}$$

$$V_{OUT} = \int V$$