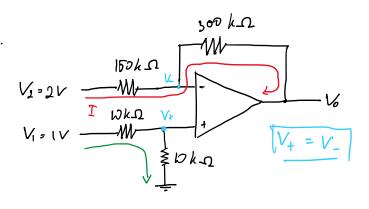
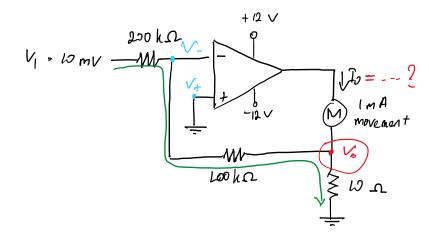
1.



$$V_{4} = \frac{b h \Omega}{b h \Omega + b h \Omega}$$
 $V_{1} = \frac{1}{2} \cdot IV = 0,5 V$

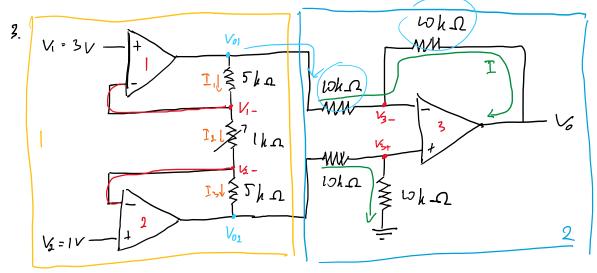
$$\frac{V_2 - V_-}{150 k\Omega} = \frac{V_- - V_0}{200 k\Omega}$$

$$\frac{2-0.5}{1}=\frac{0.5-\sqrt{6}}{2}$$



$$\frac{V_1 - V_-}{R_1} = \frac{V_- - V_0}{R_5}$$

$$T_o = \frac{V_o}{R_c}$$



$$T_1 = T_2 = T_3$$

$$\frac{V_{01} - V_{1-}}{R} = \frac{V_{1-} - V_{2-}}{R_{e}} = \frac{V_{2-} - V_{01}}{R}$$

$$\frac{V_{01} - 3}{510} = \frac{3 - 1}{110} - \frac{1 - V_{02}}{510}$$

$$\frac{V_{01} - 3^{\times 5}}{5} = 2 = \frac{1 - V_{02}}{5}$$

$$V_{4} = \frac{1}{2} - 5 V$$