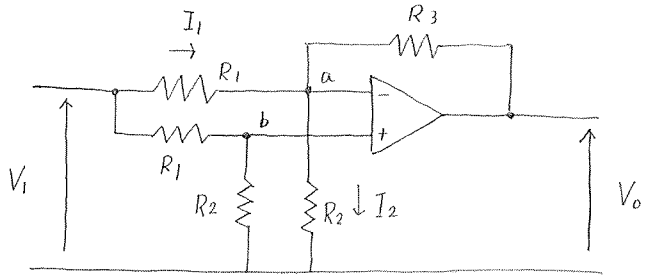
No.

Date

Ⅱ



(1) 仮想短絡（イマジナリショート） //

(2) $V_a = V_b = \dfrac{R_2}{R_1+R_2} V_1$

$\therefore \quad I_1 = \dfrac{V_1 - V_a}{R_1} = \dfrac{V_1\left(\frac{R_1}{R_1+R_2}\right)}{R_1} = \dfrac{1}{R_1+R_2} V_1$ //

(3) $I_2 = \dfrac{V_a - 0}{R_2} = \dfrac{\frac{R_2}{R_1+R_2} V_1}{R_2} = \dfrac{1}{R_1+R_2} V_1$ //

(4) $I_1 = I_2 + \dfrac{V_a - V_o}{R_3}$ より

$\dfrac{1}{R_1+R_2} V_1 = \dfrac{1}{R_1+R_2} V_1 + \dfrac{\frac{R_2}{R_1+R_2} V_1 - V_o}{R_3}$

$\therefore \quad \dfrac{R_2}{R_1+R_2} V_1 = V_o$

$\dfrac{V_o}{V_1} = \dfrac{R_2}{R_1+R_2}$ //