







$$\frac{\lambda_{1} = \frac{Vi - 0}{P_{1}}}{\frac{P_{1}}{P_{1}}} = \frac{Vi}{\frac{P_{1}}{P_{1}}} = \frac{1}{12} \quad \text{if } V_{1} = 0 - \frac{1}{2}R_{2}$$

$$= -\frac{Vi}{\frac{P_{1}}{P_{1}}} \cdot P_{2} = -Vi \times \frac{P_{2}}{P_{1}}$$

$$-\frac{U\pi}{R^2}-\frac{U\pi}{Ru}=\frac{U\pi-Vo}{R^3}$$

$$-\frac{Un}{R2} - \frac{Un}{R4} - \frac{Un}{R3} = -\frac{Vo}{R3}$$

$$Vo = R3 \times \left(-\frac{L2}{\rho_1} Ui\right) \left(\frac{1}{\rho_2} + \frac{1}{\rho_3} + \frac{1}{\rho_4}\right)$$

$$V_0 = R_3 \times \left(-\frac{L_2}{\rho_1} U_i\right) \left(\frac{1}{\rho_2} + \frac{1}{\rho_3} + \frac{1}{\rho_4}\right)$$

$$V_0 = -\frac{L_1}{\rho_1} \left(1 + \frac{R_3}{\rho_2} + \frac{L_3}{\rho_4}\right)$$

$$V_i = -\frac{L_1}{\rho_1} \left(1 + \frac{R_3}{\rho_2} + \frac{L_3}{\rho_4}\right)$$















