$$H(S) = \frac{V_2}{V_1} + S \begin{cases} V_1 = V_1 & \frac{R_3}{1} \\ \frac{1}{5U_1} + R_3 \end{cases} (1)$$

$$\begin{cases} \frac{V_1 - V_2}{R_1} = \frac{V_2 - V_2}{R_2} (2) \end{cases}$$

$$\frac{VX = V7 \frac{R3}{1}}{\frac{1}{517} + R3} = V7 \frac{R3}{\frac{7+51783}{517}} = V7 \cdot \frac{51783}{517} + 5 \left[VX = V7 \frac{51783}{51783 + 7} \right] (3)$$

$$\frac{V_1 - V_X}{R_7} = \frac{V_X - V_2}{R_2} - 0 \quad V_1 R_2 - V_X R_2 = V_X R_1 - V_2 R_1 - 0 \left[V_1 R_2 - V_X (R_1 + R_2) \right] = -V_2 R_1$$

$$H(S) = \frac{V2}{V7} = \frac{1}{R7} \cdot \frac{S(7R7R3 - R2)}{S(7R3 + 7)} = \frac{1}{R7} \cdot \frac{47R7R3}{47R3} - \frac{S - \frac{R2}{(1R7R3)}}{5 + \frac{1}{(1R3)}}$$

$$-6 \left(\frac{H(5)}{5} - \frac{5}{(7R7R3)} \right)$$

$$5 + \frac{7}{(7R3)}$$