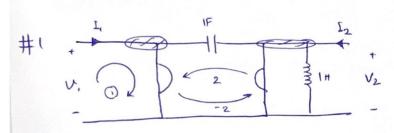
مرب دین بور ۱۹۸۲ه و ۱۹۷۳ مراد ۲ ۱۹۲۲ مرب بات



$$\begin{cases}
V_1 = AV_2 - BI_2 \\
I_1 = CV_2 - DI_2
\end{cases}$$

$$V_{1} = \alpha I_{2} = 2 I_{2}$$

$$V_{2} = \alpha I_{1} = -2 I_{1}$$

=> 
$$I_1 = S(2I_2+2I_1) => I_1(1-2S) = 2SI_2 => I_1 = \frac{2S}{1-2S}I_2$$

$$SV_{1} = \frac{-2}{5} I_{1} + SV_{2} - I_{2} \xrightarrow{**} SV_{1} = \frac{-2}{5} \left( \frac{2S}{1-2S} I_{2} \right) + SV_{2} - I_{2}$$

$$\Rightarrow SV_{1} = \frac{-4}{1-2S} I_{2} + - \overline{I}_{2} + SV_{2} \Rightarrow V_{1} = I_{2} \left( \frac{-4}{1-2S} - 1 \right) \times I_{2} + V_{2}$$

$$V_{1} = \left(\frac{25-5}{5(1-25)}\right) I_{2} + V_{2}$$

$$= 7 \quad T_{c} = \frac{25-5}{5(1-25)}$$

$$= \frac{-25}{1-25} \quad \circ$$