

$$\begin{array}{cccc}
T_2 &=& -3 \times \frac{2}{5}V_1 & \Rightarrow & 5 I_2 &=& -6 V_1 \\
B &=& -V_1 &=& -5 \Omega & \rightarrow & B &=& 5 \\
I_2 & & 6 & & & 6
\end{array}$$

$$\begin{array}{c|c}
\overline{I}_1 &=& V_1 - V_2 \\
\hline
I_1 &=& -5 & I_2 + I_2 \\
\hline
I_2 &=& D &=& 1 \\
\hline
I_2 &=& 2
\end{array}$$

$$Z_{1} = Z_{11} I_{1} + Z_{12} I_{2}$$
 $V_{1} = Z_{11} I_{1} + Z_{12} I_{2}$ 
 $V_{2} = Z_{2}, I_{1} + Z_{22} I_{2}$ 
 $V_{1} = Z_{11} I_{1} + Z_{22} I_{2}$ 
 $V_{2} = Z_{2}, I_{1} + Z_{22} I_{2}$ 
 $V_{1} = Z_{2}, I_{2} = Z_{2}, I_{3} + Z_{24} I_{4}$ 

$$I_3 = -4i$$

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 $I_1 - I_3 = i = 0 \Rightarrow I_1 = -3i$ 

$$V_{2} = -3I_{3} + 2I_{1} = 6i$$

$$\begin{bmatrix}
7_{21} &= V_{2} & | & = 6i & = -2n \\
I_{1} & |_{I_{1}=0} & -3i
\end{bmatrix}$$

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() total
(mye)

$$V_1 = 5 V_c$$

$$I_2 + 2V_c = 0 - V_c = 0$$

$$V_1 = \frac{5}{2} \times -\frac{1}{3} I_2 = \frac{-5}{6} I_2 \Rightarrow y_{21} = \frac{I_2}{v_1} \Big|_{v_1=0} = \frac{-6}{5} = -1.25$$

$$I_1 = V_1 - V_2 \Rightarrow I_1 = V_1 - \frac{2}{5}V_1$$

$$|y_{11} = \frac{1}{V_1}|_{Y_2=0} = \frac{3}{5} = 0.65$$

$$\frac{2host}{V_{i}=0} = 0$$

$$\frac{V_{i}=0}{V_{i}=0} + \frac{I_{i}}{V_{i}} = 0$$

$$\frac{V_{i}=0}{V_{i}=0} + \frac{I_{i}}{V_{i}} = 0$$

$$=>$$
  $5V_{c} = 2V_{2}$  3

$$V_2 - V_c - 4V_c = I_2 = 0 = V_2 - 3V_c = I_2$$

$$5(-T_1) = 2V_2 \Rightarrow \int y_{12} = \frac{T_1}{V_2} \Big|_{V_1 = 0} = -0.45$$

