D) VA recebe energia TA = VI > 6, VA > 0 TT Calcular Equiv. Thivenim

Reg (VA = 0)

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Reale se V_AI_A > 0

 $Veg = \frac{R_3}{R_1 + R_3} V_A = \frac{3}{4} V_A = \frac{10 + 0750}{10.75 \times 50} = \frac{10.75 \times 50}{10.75 \times 50}$ $= \frac{10.75 \times 50}{10.75 \times 50} = \frac{10.75 \times 5$

THE RZ

Método

THE FORM

THE FORM

METODO

ME -VA LRITA LR3(ta-tb)-6 4 In -3 Ib = VA IB = 6 I3 = ((ta-Ib) -Ib= 6(ta-Ib) 6 ta - 5tb = 0 -6 ta + 5tb = 0

$$I_{a}$$
 I_{c} I_{c

$$W_{c} = \frac{1}{2} C V_{c}^{2} = \frac{1}{2} \times 20 \times 10^{6} (7.5)$$

$$= 562.5 \text{ M} \text{ J}$$

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$$= \sqrt{2} C = \sqrt{2} (+7.0) = \sqrt{2} + \sqrt{2} C$$

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$$C = \sqrt{2}$$

$$V_{A}(k) = 10 \sum_{i=0}^{n} \frac{1}{k} \left(\frac{1}{k} \right) \left(\frac{1}{$$

$$V_{c}(t) = V_{c}(\infty) + [V_{c}(0) - V_{c}(\infty)] e^{-\frac{t}{2}}$$

$$V_{c}(t) = V_{c}(\infty) + [V_{c}(0) - V_{c}(\infty)] e^{-\frac{t}{2}}$$

$$V_{c}(0) = 7.5 V \quad k_{1} = 0$$

$$V_{c}(100) = 0 \quad (2.5 \text{ m/s})$$

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$$V_{c}(100) = V_{c}(100) + [V_{c}(0) - V_{c}(0)] e^{-\frac{t}{2}}$$

$$V_3(+7,0) = V_{31} + V_{32}e^{-t/2}$$

$$V_{31} = 6 \quad (V_3(\infty) = 0)$$

$$V_{31} = 6$$
 $(V_3(\infty) = 0)$
 $V_{31} = -523.26 \text{ m} \text{ V}$
 $V_{32} = -523.26 \text{ m} \text{ V}$

$$\sqrt{31} = -523.26 \text{ m}$$
 $\sqrt{2}$
 $\sqrt{2}$

 $K_0 = ?$ (Fanho D.C. => Cé circuits abevio $K_0 = ?$ (Freq. m/h) $K_0 = \frac{-R_1}{R+R_2} = -0.25$

$$\sqrt{32} = -523.20$$

$$R_1 \qquad R_2 = 0$$

$$\begin{array}{c}
\sqrt{32} - \sqrt{32} \\
\sqrt{8} \\
\sqrt{8} \\
\sqrt{10} \\
\sqrt$$

 $T(S) = K_0 \frac{1+\frac{1}{a}}{1+\frac{1}{a}}$ anula-Se Inourador $S_1 = -\frac{1}{R_{iq}} = -\frac{1}{3}$ Solução eg. caracteristics +5, E

b = 66.6751

nepper/s

 $\frac{1}{\sqrt{R_3}} = \frac{1}{\sqrt{R_3}}$ $\frac{1}{\sqrt{R_3}} = \frac{1}{\sqrt{R_3}}$

$$T(S) = 100 + 100 = 100$$

$$N_{A} = 40 \cos(2\pi \times 10^{4} + 4)$$

$$S = 0 \cos(2\pi \times 10^{4} + 4)$$

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$$S = 0 \cos(2\pi \times 10^{4} + 4)$$

$$S \rightarrow \infty = D \subset e \subset \text{curto-circuit}$$

$$\frac{V_1}{V_A} = k_0 = -l_0 = -$$

(b) $V_{A}(E) = 40 \cos(2\pi i \delta t + I)$ $V_3(t) = X_3 cos(2\pi i + 6)$ $V_{A} = 400$ $V_{A} = \frac{1}{100}$ $V_{A} = \frac{1}{100}$

 $\frac{1}{\sqrt{3}} = \frac{1}{\sqrt{3}}$ $\frac{1}{\sqrt{3}} = \frac{1}{\sqrt{3}} = \frac{1$

$$\hat{T}_{c} = -\frac{\hat{V}_{3}}{2c} = \hat{V}_{3} | wC_{i}\hat{V}_{c} = -\hat{V}_{3}$$

$$c) Potencia Reactive no C$$

$$Preact = Im \left\{ \frac{\hat{V}_{c}\hat{I}_{c}^{*}}{2} \right\}$$

$$d) Papparent = |P_{c}| = |V_{c}\hat{I}_{c}^{*}|$$

$$= |P_{c}| = |V_{c}\hat{I}_{c}^{*}|$$