

I(t)=Imd. (1-e-t) Com Imin = E. T I = OA.) = 18U = 0,1A. I(++100) = E -> com R=R+Rz. - 2R= Em la roma. c) la cargo de cada capactar: 14- LU2 = AV - LUE q(t)= Qno, (1-e-th) $-\frac{1}{4} \stackrel{=}{=} c,$ G+Q: Ceg $Q\left(\frac{1}{a} + \frac{1}{a}\right) = \frac{Q}{cq}$ Caryo de dos copacifores en serie. $C_{eq} = \frac{G^*C_2}{G+C_3} = \left(\frac{0.33*0.47}{0.33+0.47}\right) \mu f = \frac{1551}{3000} \mu C.$ E- UC-DVe=0 Q= Cog DV => ?. $\mathcal{E} \stackrel{-1}{=} \frac{1}{-1} C_{\alpha \beta} \qquad Q(t) = Q_{\alpha \beta x} (1 - e^{-t/kc})$ $Q(t) = C \mathcal{E} (1 - e^{-t/kc})$ E= DVc+ DVe E= P + I.R. $Ceg. E = \left(\frac{G \cdot C_2}{G + C_3}\right) E = \left(\frac{0.33 \times 0.47}{0.33 \times 0.42}\right) \mu F. 12V - \left(\frac{0.33 \times 0.47}{0.8}\right) \mu F. 12V - \left(\frac{$ Qtolst = Q1 = Q2 - C1 AC2 Cog = G1C2 G+C2. $\Delta V = \Delta V + \Delta V_3$ Q= DV Ceg DV: DV, + DV2. Q: CE DV, + DV2 = E. ΔΦ, ε <u>ας</u> <u>1</u> = 12ν. 0,33 4,95ν <u>ε Ceq</u> + <u>ε Ceq</u> = ε 10 = E C. R. 1 - 120.0,47 - 2,05V Q1 = Q2=

$$\varepsilon = \frac{1}{L_{R}} = \frac{1}{c_{1}} \varepsilon_{2} \varepsilon_{3} = \frac{1}{c_{2}} \varepsilon_{4} = \frac{1}{c_{2}} \varepsilon_{4} = \frac{1}{c_{2}} \varepsilon_{4} = \frac{1}{c_{3}} \varepsilon_{4} = \frac{1}{c_{4}} \varepsilon_{4} =$$

$$Ces = \frac{C_1 C_2}{C_1 + C_2}$$

$$DV = \Delta V_1 + \Delta V_2.$$

$$\frac{\Delta V_2}{C_2} = \frac{Q}{C_2} = \frac{\left[\frac{C_1 C_2}{C_1 + C_2} \right] \mathcal{E} \left[\frac{1}{C_2} + \frac{\mathcal{E}C_1}{C_1 + C_2} \right]}{\left[\frac{1}{C_1 + C_2} \right] \mathcal{E} \left[\frac{1}{C_1 + C_2} \right]} \Rightarrow Q_2 = N_2 C_2 = \frac{\left[\frac{\mathcal{E}C_1}{C_1 + C_2} \right]}{\left[\frac{\mathcal{E}C_1}{C_1 + C_2} \right]}$$

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