Bagara 7.

$$R = 60M$$

$$C = 20 \cdot 10^{6} F = 210^{5} F$$

$$L = 100 \cdot 10^{6} H = 10^{4} H$$

$$E = 48V$$

$$U_{c} = U_{m} + U_{c8} = E + A_{e}^{Pic} + A_{2}e^{2t} |_{L(0)} = \frac{E}{2R}$$

$$U_{c}(0) = U_{c}(0) = \frac{ER}{2R} = \frac{E}{2}, U_{c}(\infty) = E, \text{ which}$$

$$x_{ap} \cdot y_{n-e}: R + 3wL + \frac{1}{3wc} = 0 \quad |P = 3w| \Rightarrow P^{2}LC + PRC + 1 = 0$$

$$P_{1,2} = -RC \pm \sqrt{R^{2}C^{2} - 4LC} \quad -6.240^{5} \pm \sqrt{36.410^{-10} - 4.00^{4} \cdot 2.00^{57}} \quad -12\pm 8$$

2.104 12.105 Pi=-5.09 P==104

$$\begin{array}{c} |U_{c}(0) = E + A_{1} + A_{2} = \frac{E}{2} \\ |U_{c}(0) = \frac{T_{c}}{C} = \frac{E}{2RC} = P_{1}A_{1} + P_{2}A_{2} \\ |A_{2} = -\frac{E}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |U_{c}(0) = E \left(1 + \frac{1 \cdot (R_{c} + P_{2}) \cdot e^{P_{1}c}}{2(P_{1} - P_{2})} + \frac{1 \cdot (1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{1} - P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_{c} + P_{2}}{P_{2}}) \\ |P_{1} - P_{2}| + \frac{1}{2}(1 + \frac{R_$$

$$A_{1} = \frac{1}{12 \cdot 4} = -1$$

$$A_{2} = \frac{48.5}{12.4} = 5$$

$$A_{1} = \frac{1}{12 \cdot 4} = 5$$

$$A_{2} = \frac{48.5}{12.4} = 5$$

$$A_{3} = \frac{-5.00 \cdot 6}{12.4} + 5e^{-100 \cdot 6}$$

$$= E\left(\frac{2}{2} + \frac{SLQ}{2R}\right) = \frac{E\left(\frac{1}{2} + \frac{SLQ}{2R}\right)}{(S-S)(S-S)(S-S)(S-S)(S-S)(S-S)} = \frac{E\left(\frac{1}{2} + \frac{SLQ}{R}\right)}{(S-S)(S-S)} + \frac{E\left(\frac{1}{2} + \frac{SLQ}{R}\right)}{(S-S)(S-S)} = \frac{E\left(\frac{1}{2} + \frac{SLQ}{R}\right)}{(S-S)(S-S)} = \frac{E\left(\frac{1}{2} + \frac{SLQ}{R}\right)}{(S-S)(S-S)} = \frac{E\left(\frac{1}{2} + \frac{SLQ}{R}\right)}{(S-S)(S-S)} + \frac{E\left(\frac{1}{2} + \frac{SLQ}{R}\right)}{(S-S)(S-S)} = \frac{E\left(\frac{1}{2} + \frac{SL$$

$$K = \frac{A}{SS_1} + \frac{B}{SS_2} \Rightarrow S = (A+B)S - (AS_2 + BS_1) = \begin{cases} A = -\frac{S_1}{S_2 - S_1} \\ B = \frac{S_2}{S_2 - S_1} \end{cases}$$

$$\frac{1}{2} \left[\frac{e^{5it} - e^{52t}}{S_1 - S_2} + \frac{L}{R} \left(\frac{S_2}{S_2 - S_1}, e^{52t} - \frac{S_1}{S_2 - S_1}, e^{5t} \right) \right] =$$

$$= \frac{E(s_{1}t - s_{2}t)}{2L(s_{1}-s_{2})} + \frac{E(s_{2}e^{s_{2}t} - s_{1}e^{s_{1}t})}{2R(s_{2}-s_{1})} = \frac{(s_{1}e^{s_{1}t} - s_{2}e^{s_{2}t})}{(s_{2}-s_{1})} + \frac{(s_{2}e^{s_{1}t} - s_{2}e^{s_{2}t})}{(s_{2}-s_{1})} + \frac{(s_{1}e^{s_{1}t} - s_{2}e^{s_{2}t})}{(s_{2}-s_{1})} + \frac{(s_{2}e^{s_{1}t} - s_{2}e^{s_{2}t})}{(s_{2}-s_{1})} + \frac{(s_{2}e^{s_{2}t} - s_{2}e^{s_{2}t})}$$

$$+\frac{1}{12}\left(\frac{-104e^{-104t}}{4\cdot104}\right)=\frac{1}{48}$$

$$-\frac{E}{8}(e^{-510\%t}-e^{-10\%t})=5e^{5110\%t}-e^{10\%t}-6e^{-510\%t}+6e^{-10\%t}$$

Compoundleure Gent nevergein & Kaled, perman, ean xap.yp.d

France Kound com. Koned Green, m.e. DLO

R2-4LC CO SR2 4L SS 2/L-CR 2/L

RCOHESMANN

RG[0;2/5] N