

IN ODE Solve the _ 1/2° _lfl dt + Ae P -2000t + AC. 6 -3092 t Netwal -200At CR LR

RLC

RECL

-
$$\frac{1}{R}$$
 - $\frac{1}{R}$ - $\frac{1$

$$C S^{2} + \frac{S}{R} + \frac{1}{L} = 0$$

$$S = -\frac{1}{2} \times \frac{1}{R^{2}} - 4 \cdot C$$

$$2C$$

$$S = -\frac{1}{2RC} + \frac{1}{2} \sqrt{\frac{1}{R^{2}}} - \frac{1}{LC}$$

$$S_{1} = -\frac{1}{2RC} + \sqrt{\frac{1}{2RC}} - \frac{1}{LC}$$

$$S_{2} = -\frac{1}{2RC} \times \sqrt{\frac{1}{2RC}} - \frac{1}{LC}$$

$$S_{3} = -\frac{1}{2RC} \times \sqrt{\frac{1}{2RC}} - \frac{1}{LC}$$

$$S_{4} = \frac{1}{2RC} \times \sqrt{\frac{1}{2RC}} - \frac{1}{LC}$$

$$S_{5} = -\frac{1}{2RC} \times \sqrt{\frac{1}{2RC}} - \frac{1}{LC}$$

$$S_{7} = \frac{1}{2RC} \times \sqrt{\frac{1}{2RC}} - \frac{1}{2RC} \times \sqrt{\frac{1}{2RC}} - \frac{1}{2RC} \times \sqrt{\frac{1}{2RC}}$$

$$S_{1} = -\frac{1}{2RC} \times \sqrt{\frac{1}{2RC}} - \frac{1}{2RC} \times \sqrt{\frac{1$$

d, w d> w - Se Se Se Overhall despel despel

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