

Section

$$\alpha = \frac{1}{2RC}$$

(optional)

$$\omega_0 = \frac{1}{\sqrt{LC}}$$

RLC rásir

$$\frac{dv(0^+)}{dt} = \frac{i_C(0^+)}{C} = s_1A_1 + s_2A_2$$

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$$\int x^n dx = \frac{x^{n+1}}{n+1}, \quad \int e^x dx = e^x, \quad \int \ln x dx = x \ln x - x$$



Figure 1: Example

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