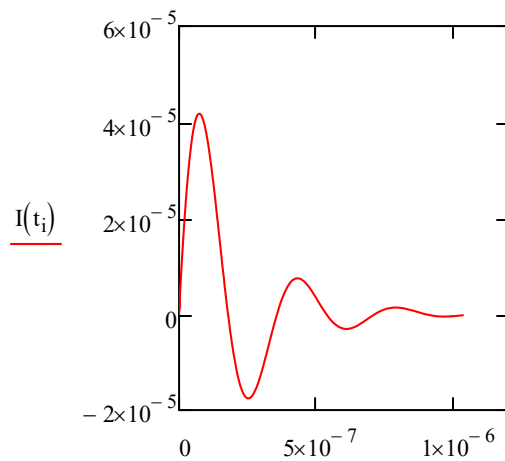


$$\begin{aligned}
 R1 &:= 68\text{k}\Omega & R2 &:= 33\text{k}\Omega & R3 &:= 6.8\text{k}\Omega & \underline{\underline{C}} &:= 1\text{pF} & \underline{\underline{L}} &:= 3\text{mH} & E_0 &:= 10\text{V} \\
 \underline{\underline{R}} &:= R3 + \frac{R1 \cdot R2}{R1 + R2} & \alpha &:= \frac{R}{2 \cdot L} & \rho &:= \frac{R}{2} \cdot \sqrt{\frac{C}{L}} & \omega_0 &:= \frac{1}{\sqrt{L \cdot C}} & f_0 &:= \frac{\omega_0}{2 \cdot \pi} \\
 E &:= E_0 \cdot \frac{R2}{R1 + R2} & t_{\max} &:= \frac{3}{f_0} = 1.032 \times 10^{-6} \text{ s} & & & \omega_d &:= \omega_0 \cdot \sqrt{1 - \rho^2} \\
 & & i & & t_{\text{start}} &:= 1\text{ps} & \underline{\underline{N}} &:= 1024 & i &:= 0..1024 - 1 \\
 t_i &:= t_{\text{start}} \cdot \left( \frac{t_{\max}}{t_{\text{start}}} \right)^{\frac{i}{N-1}} & I(t) &:= \left( \frac{E}{R} \right) \cdot \left[ \frac{2 \cdot \rho}{\sqrt{1 - \rho^2}} \cdot e^{-\alpha \cdot t} \cdot \sin(\omega_d \cdot t) \right]
 \end{aligned}$$



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