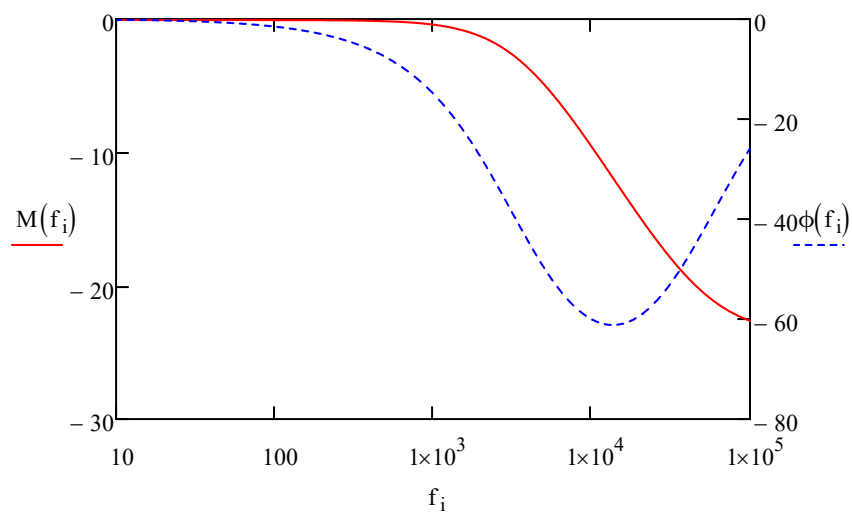


$$R1 := 43k\Omega \quad R2 := 3k\Omega \quad C1 := 0.1\mu F \quad C2 := 1nF \quad j := \sqrt{-1}$$

$$\underline{\underline{C}} := \frac{C1 \cdot C2}{C1 + C2} \quad \underline{\underline{R}} := R1 + R2 \quad \underline{\underline{K}} := \frac{C}{C2} \quad \tau_z := R2 \cdot C2 \quad \tau_p := R \cdot C$$

$$\underline{\underline{T}}(f) := K \cdot \frac{1 + (j \cdot 2 \cdot \pi \cdot f) \cdot \tau_z}{1 + (j \cdot 2 \cdot \pi \cdot f) \cdot \tau_p} \quad f_p := \frac{1}{2\pi \cdot \tau_z} = 5.305 \times 10^4 \frac{1}{s} \quad f_{start} := 10Hz \quad f_{stop} := 100kHz$$

$$\underline{\underline{N}} := 1024 \quad i := 0..N-1 \quad f_i := f_{start} \cdot \left(\frac{f_{stop}}{f_{start}} \right)^{\frac{i}{N-1}} \quad M(f) := 20 \cdot \log(|T(f)|) \quad \phi(f) := \frac{180}{\pi} \cdot \arg(T(f))$$



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