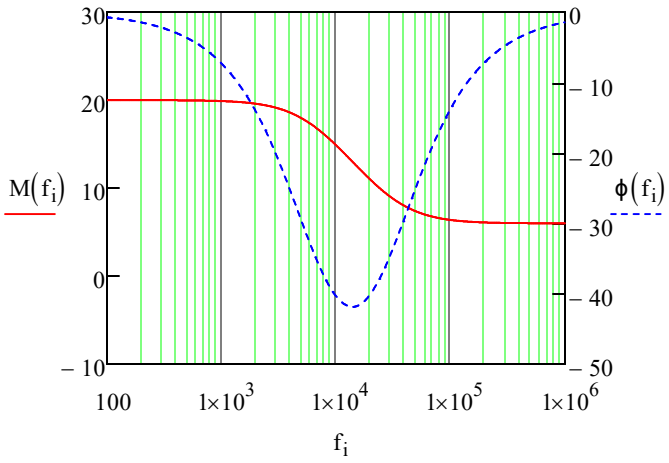
$f_{crit} := 6.22kHz \quad f_p := f_{crit} \quad K := 10^{\frac{20}{20}} = 10 \quad K_H := 10^{\frac{6}{20}} = 1.995 \quad C := 0.015\mu F \quad j := \sqrt{-1}$

$\tau_p := \frac{1}{2 \cdot \pi \cdot f_p} = 2.559 \times 10^{-5} s \quad R_{F2} := \frac{\tau_p}{C} \quad R := \frac{R_{F2}}{K - K_H} \quad R_{F1} := R \cdot (K_H - 1)$

$\tau_z := \frac{K_H}{K} \cdot \tau_p \quad f_z := \frac{1}{2 \cdot \pi \cdot \tau_z} \quad T(f) := K \cdot \frac{1 + j \cdot \frac{f}{f_z}}{1 + j \cdot \frac{f}{f_p}}$

$f_{start} := 100Hz \quad f_{stop} := 1MHz \quad N := 1024 \quad i := 0 .. N - 1 \quad f_i := f_{start} \cdot \left(\frac{f_{stop}}{f_{start}}\right)^{\frac{i}{N-1}}$

$M(f) := 20 \cdot \log(|T(f)|) \quad \phi(f) := \frac{180}{\pi} \cdot \arg(T(f))$



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