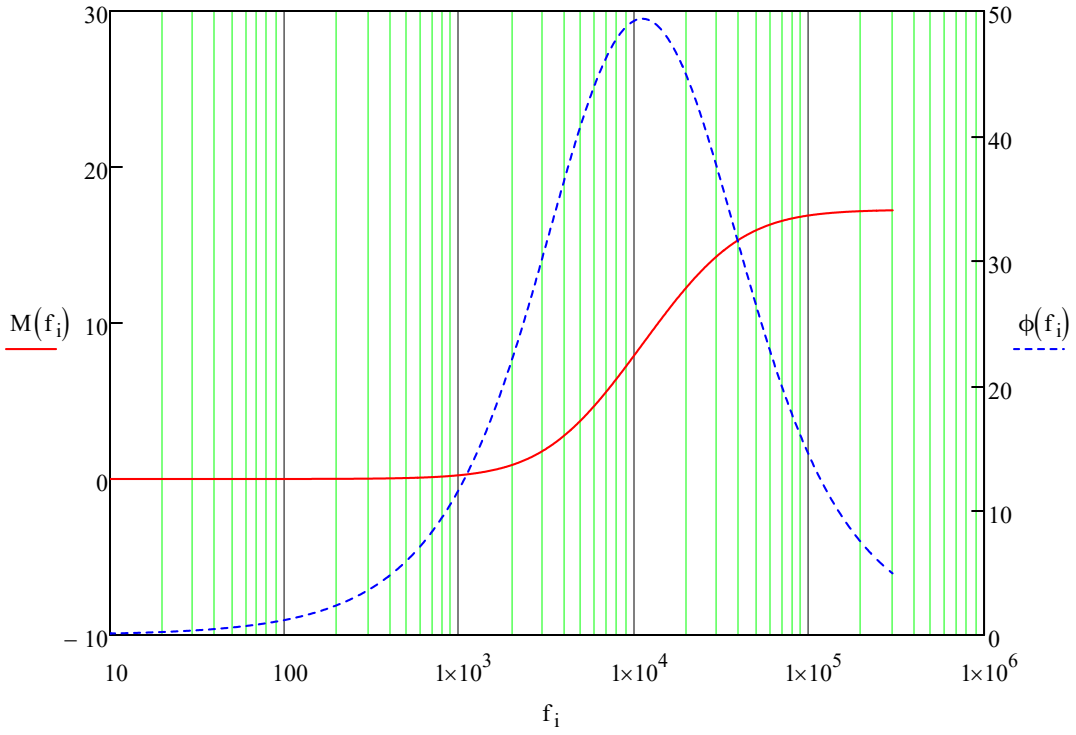
$C1 := 0.1\mu F \qquad K := 7.3 \qquad j := \sqrt{-1} \qquad f_p := 30kHz$

$$R1 := \frac{1}{2 \cdot \pi \cdot C1 \cdot f_p} \qquad Rf := (K - 1) \cdot R1$$

$$T(f) := \frac{1 + (j \cdot 2 \cdot \pi \cdot f) \cdot (R1 + Rf) \cdot C1}{1 + (j \cdot 2 \cdot \pi \cdot f) \cdot R1 \cdot C1}$$

$f_{start} := 10Hz \qquad f_{stop} := 300kHz \qquad N := 1024 \qquad i := 0..N - 1 \qquad f_i := f_{start} \cdot \left(\frac{f_{stop}}{f_{start}}\right)^{\frac{i}{N-1}}$

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



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