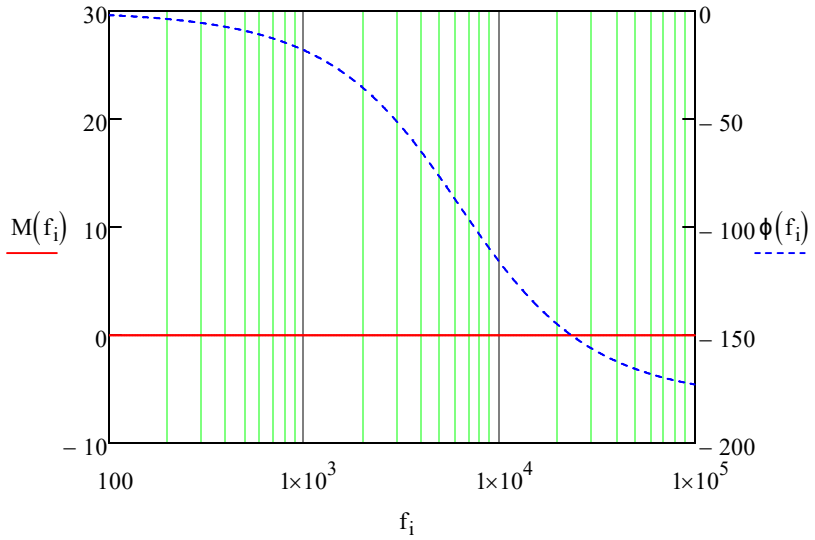
$f_{crit} := 6.22kHz$ $f_0 := f_{crit}$ $j := \sqrt{-1}$ $C := 0.015\mu F$ $K := 1$

$$R := \frac{1}{2 \cdot \pi \cdot C \cdot f_0} \qquad T(f) := K \cdot \frac{1 - j \cdot \frac{f}{f_0}}{1 + j \cdot \frac{f}{f_0}}$$

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

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



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