$$G(f) = \frac{G_0}{1+j\,f/F_c} = \frac{A_0}{1+A_0 H} \cdot \frac{1}{1+j\,\dfrac{f}{f_c(1+A_0 H)}}$$

$$A(f) = \frac{A_0}{1+j\,f/f_c}$$

$A_0 = 40\,dB.$ $\qquad f_c = 100\,kHz.$

$G_0 = 20\,dB$ $\qquad F_c = 1\,MHz$

$|A(f)|_{dB}$

$|G(f)|_{dB}$

$40\,dB$

$20\,dB$

$0\,dB$

$1k$ $\quad 10k$ $\quad 100k$ $\quad 1M.$

pente (-1)

$f\,(Hz)$