

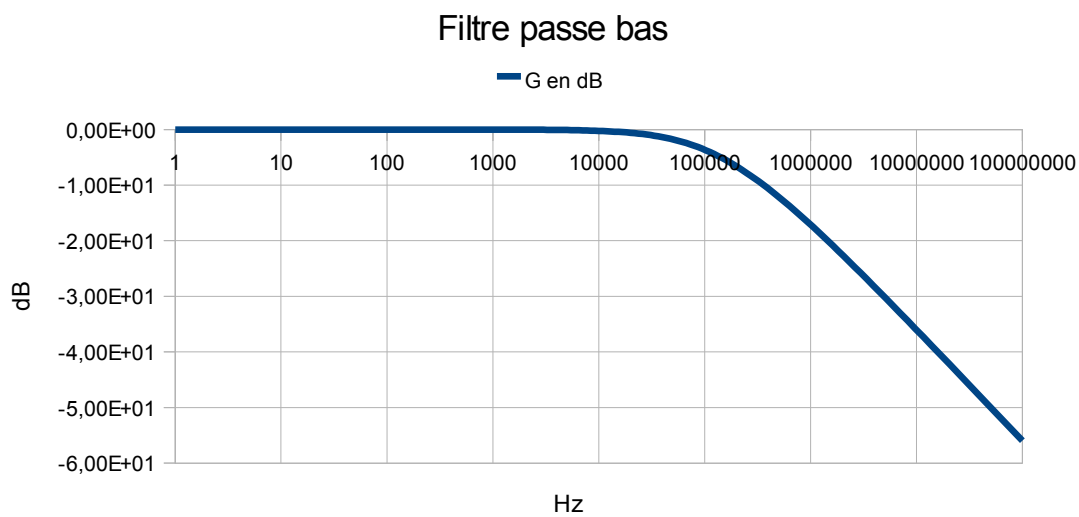
SOLUTION

Amplification: $1/\text{RACINE}(1+E16^2)$

G en dB: $=\text{LOG}(F16)*20$

$X=R.C.2.\pi.F = C16*B16^2*3,14159*D16$

C en F	R en Ω	F en Hz	$X=R.C.2.\pi.F$	Amplification	G en dB
1,00E-09	1000	1	6,283E-06	1,00E+00	-1,71E-10
1,00E-09	1000	10	6,283E-05	1,00E+00	-1,71E-08
1,00E-09	1000	100	6,283E-04	1,00E+00	-1,71E-06
1,00E-09	1000	1000	6,283E-03	1,00E+00	-1,71E-04
1,00E-09	1000	10000	6,283E-02	9,98E-01	-1,71E-02
1,00E-09	1000	100000	6,283E-01	8,47E-01	-1,45E+00
1,00E-09	1000	1000000	6,283E+00	1,57E-01	-1,61E+01
1,00E-09	1000	10000000	6,283E+01	1,59E-02	-3,60E+01
1,00E-09	1000	100000000	6,283E+02	1,59E-03	-5,60E+01



Le Tableur
exercice 3