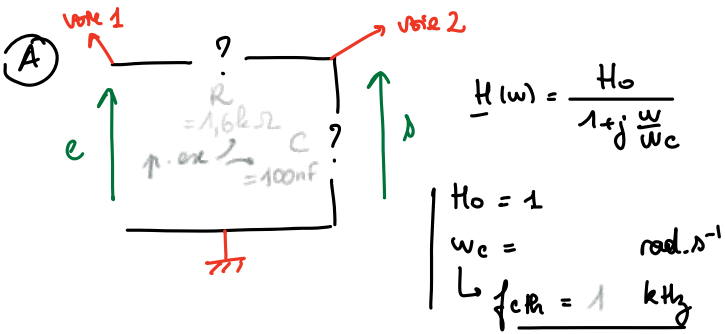
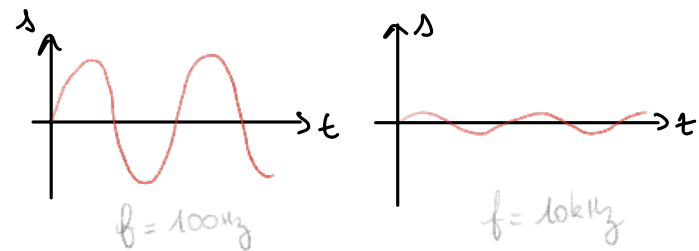


TP1 - Filtrage analogique



(B) Vérification nature par-les
 ⇒ entrée? → sinusoïdale



(C) f_{csep} ? $\begin{cases} G(\omega_c) = \frac{G_{max}}{\sqrt{2}} \\ \varphi(\omega_c) = -\frac{\pi}{4} \end{cases}$

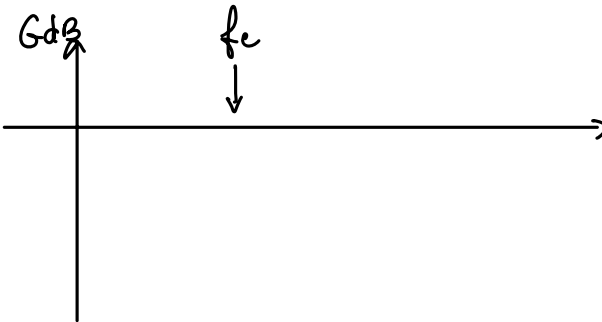
(B) $G_{dB} = 20 \log(|H|) = 20 \log\left(\frac{S_0}{E_0}\right)$

$\varphi = \Delta\varphi_{s/e}$

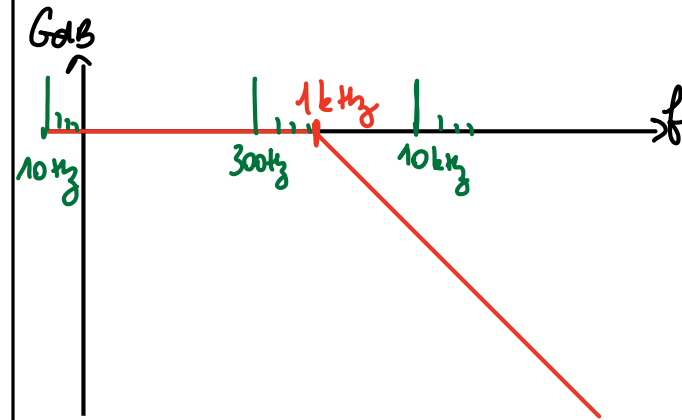
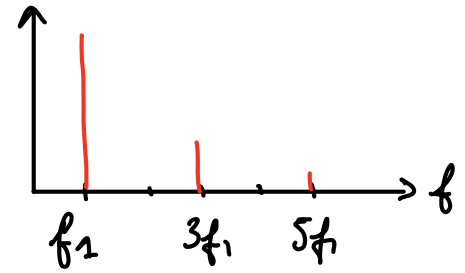
GBF ⇒

f	mesure			calcul	
	E_0	S_0	Δt	G_{dB}	$\Delta\varphi$

$|\Delta\varphi| = 2\pi f|\Delta t| + \Delta \text{signe}$



(C)



À la fin de ce TP, je suis capable:

- (1) de vérifier la nature d'un filtre
- (2) de trouver la fréquence de coupure pour un ordre 1

de tracer un diagramme de Bode