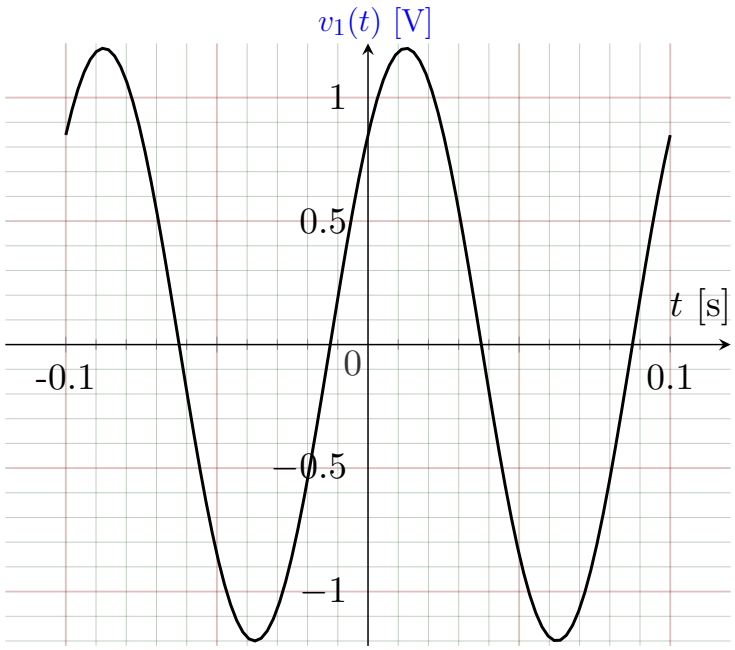
Document : Exercice 1

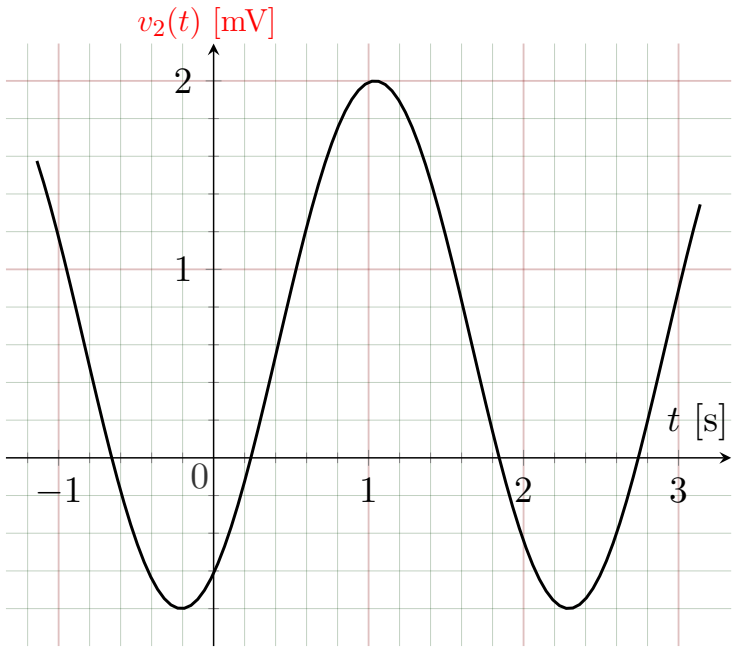


$T =$ ..... s, $f =$ ..... Hz, $V_{moy} =$ ..... V, $\varphi =$ ..... rad

$V_m =$ ..... V, $V_{cc} =$ ..... V, $V_{max} =$ ..... V, $V_{min} =$ ..... V.

$\Longrightarrow v_1(t) =$ .....

Document : Exercice 2

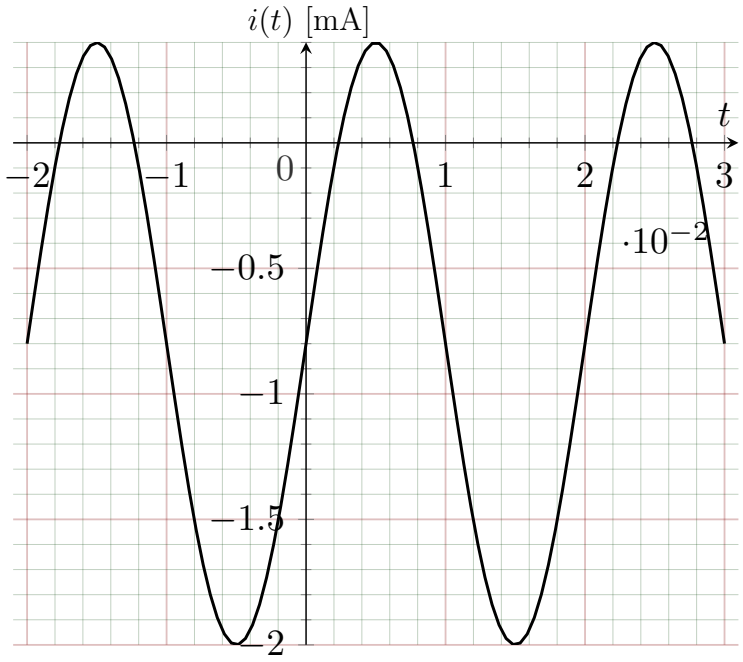


$T =$ ..... s, $f =$ ..... Hz, $V_{moy} =$ ..... V, $\varphi =$ ..... rad

$V_m =$ ..... V, $V_{cc} =$ ..... V, $V_{max} =$ ..... V, $V_{min} =$ ..... V.

$\Longrightarrow v_2(t) =$ .....

Document : Exercice 3



$T =$ ..... s, $f =$ ..... Hz, $I_{moy} =$ ..... A, $\varphi =$ ..... rad

$I_m =$ ..... A, $I_{cc} =$ ..... A, $I_{max} =$ ..... A, $I_{min} =$ ..... A.

$\Longrightarrow i(t) =$ .....

Document : Exercice 4

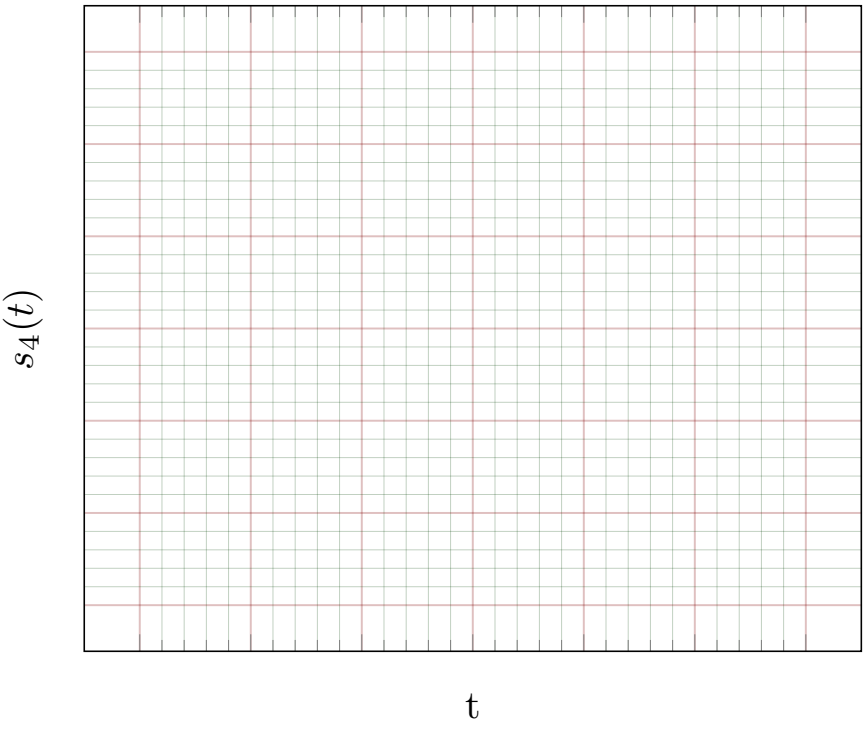


Figure 15. Représentation temporelle

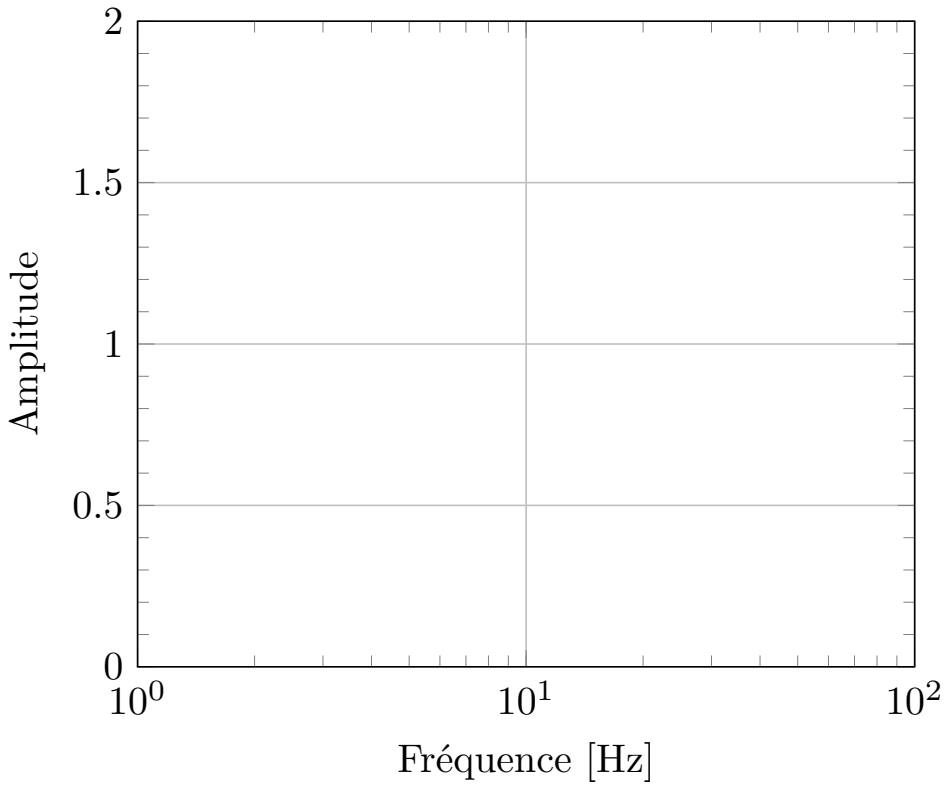


Figure 16. FFT

Document : Exercice 5

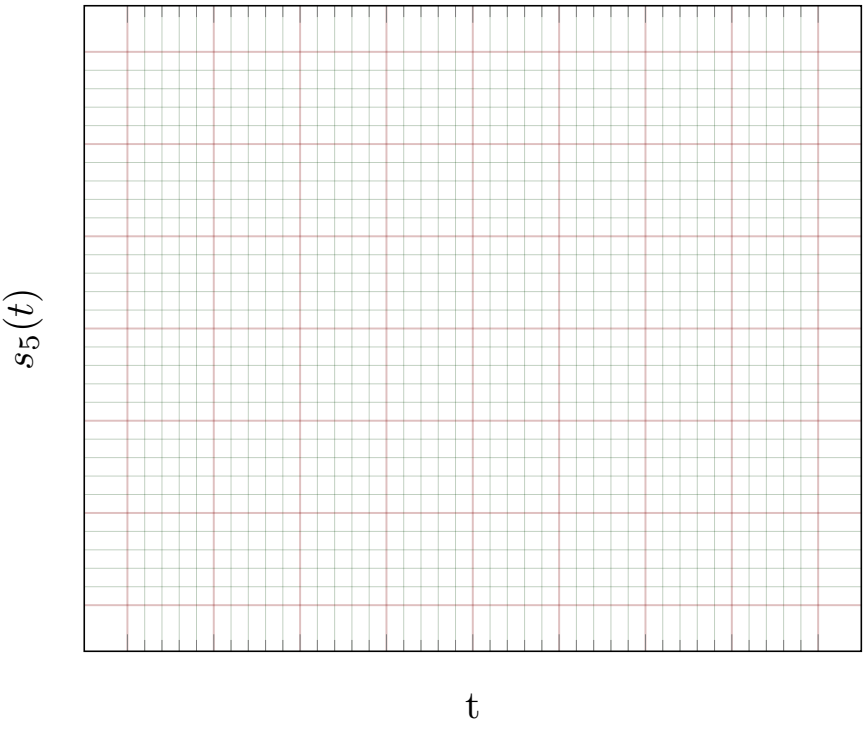


Figure 17. Représentation temporelle

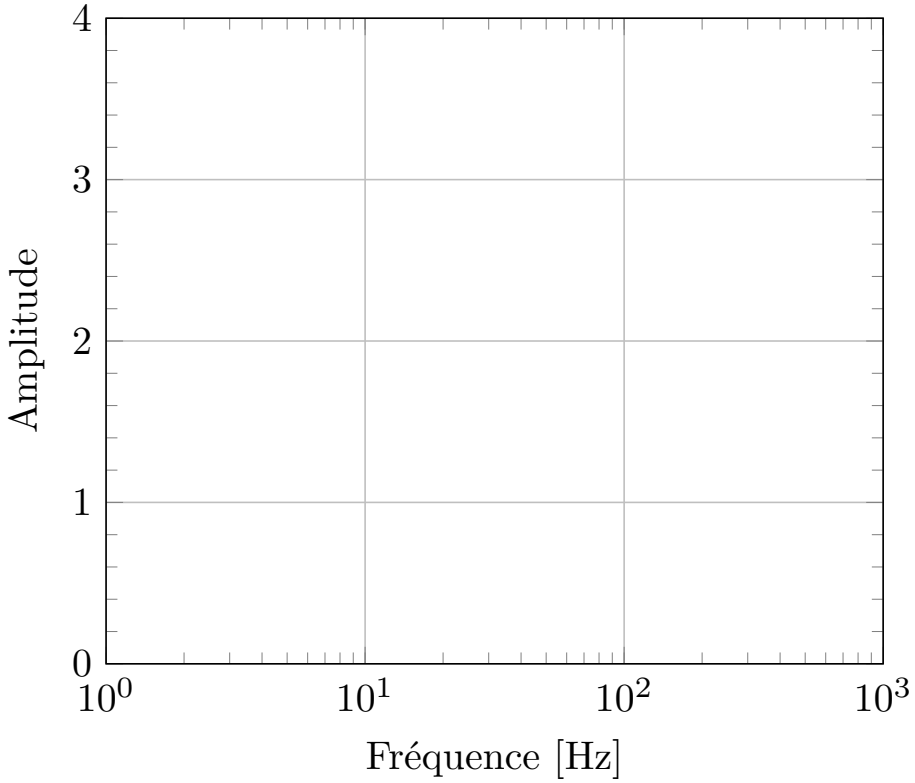


Figure 18. FFT