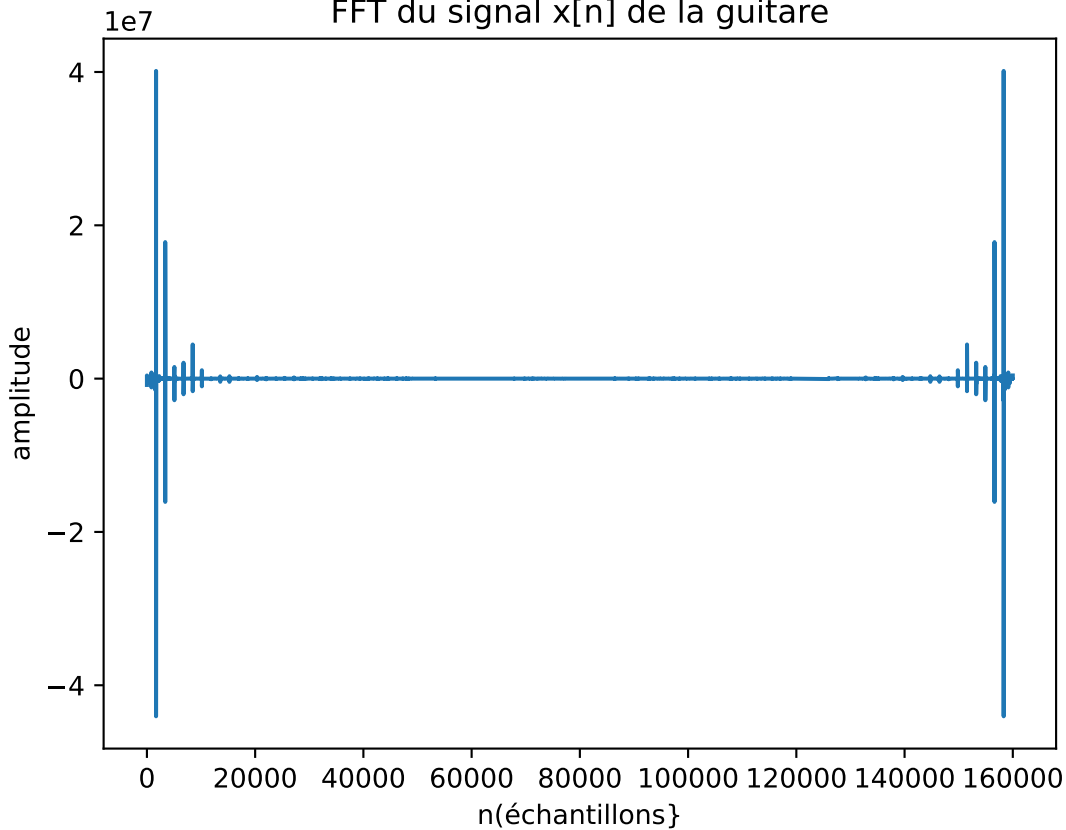
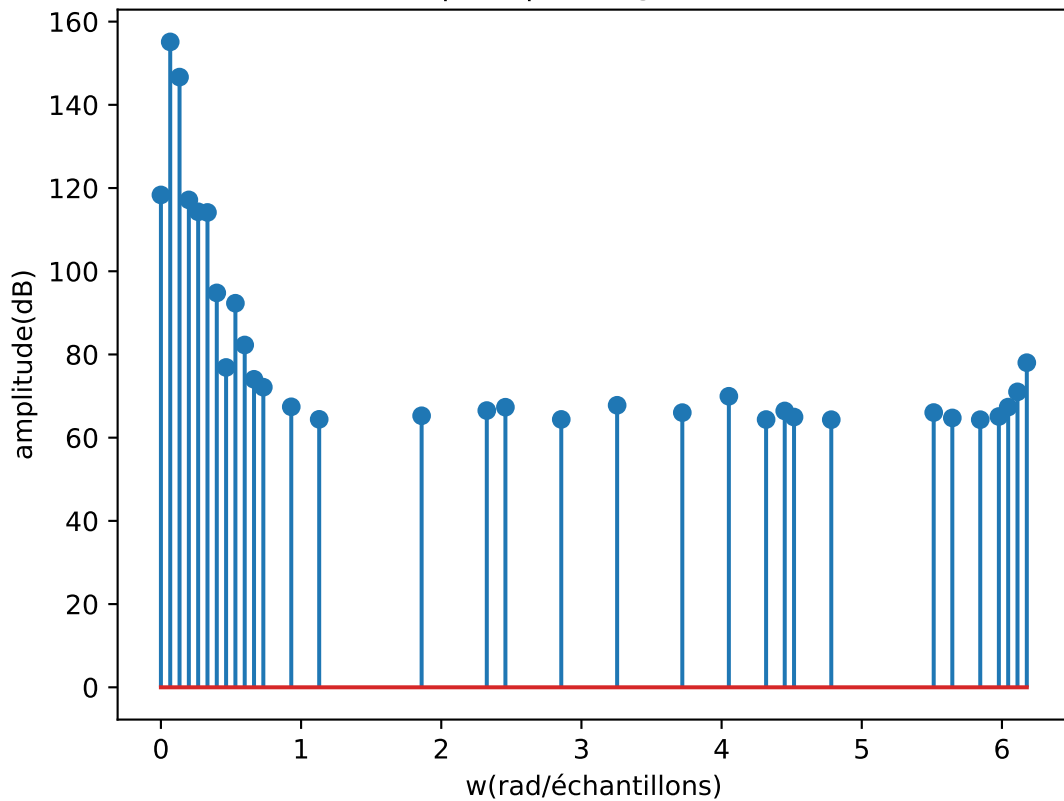


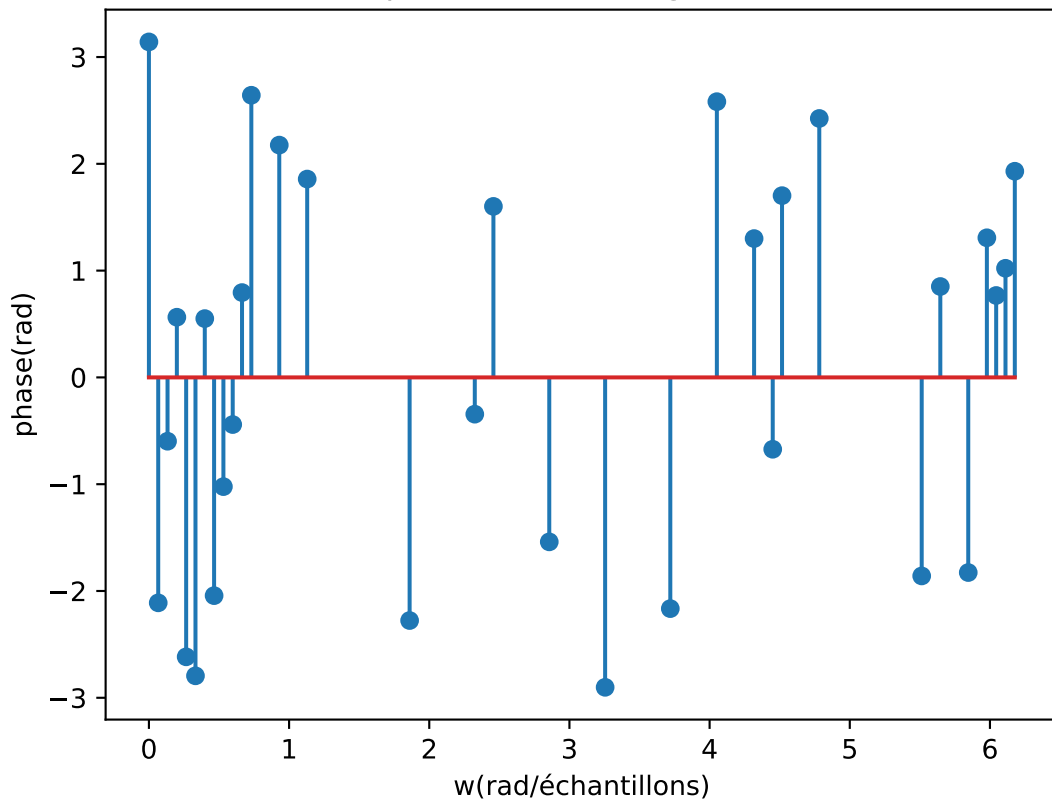
FFT du signal  $x[n]$  de la guitare



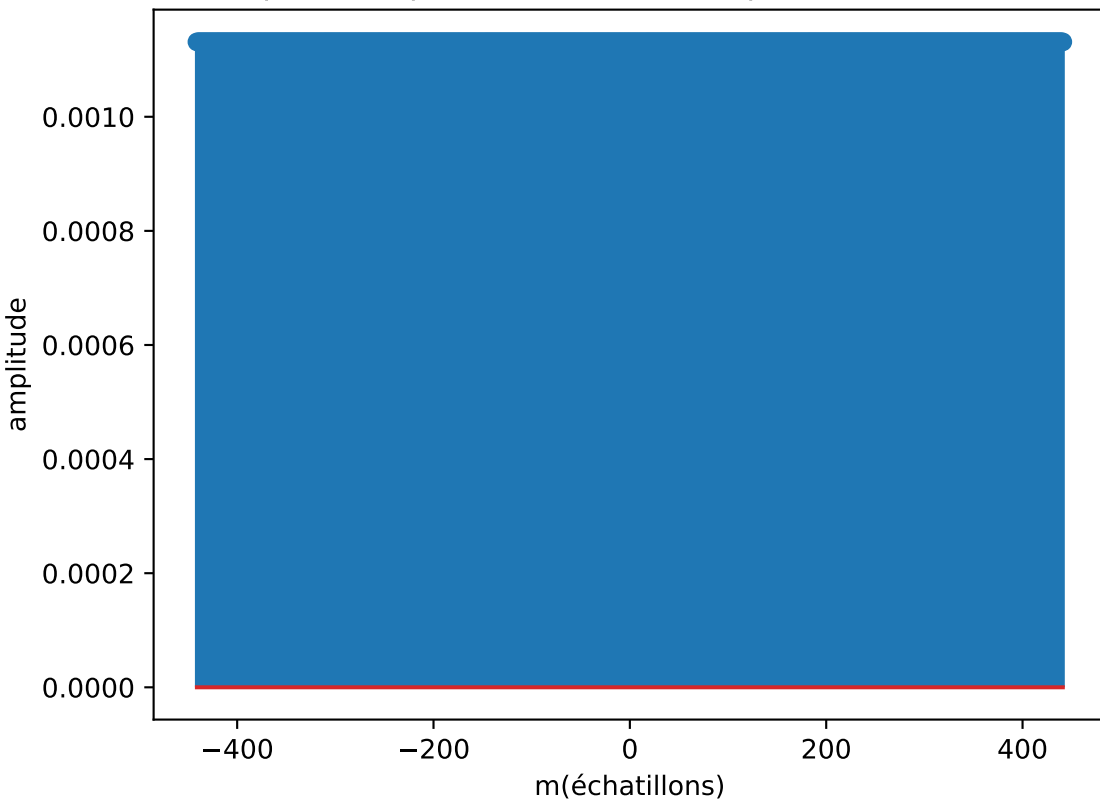
$|X[w]|$  de la guitare



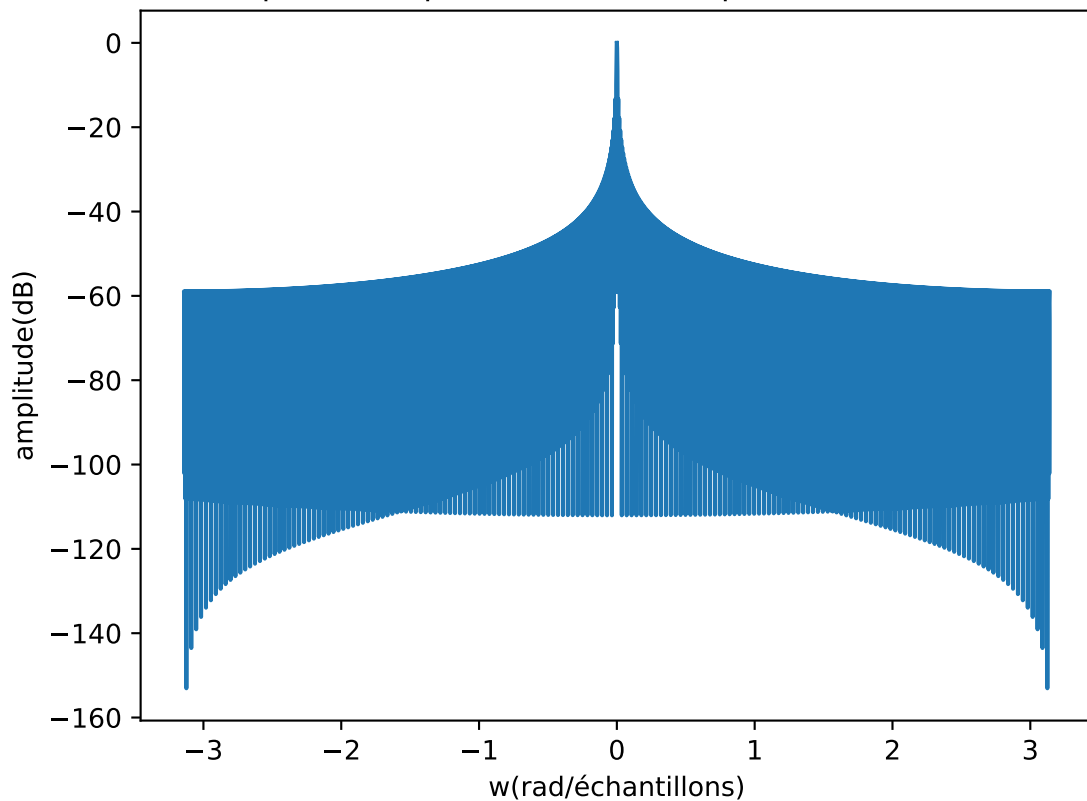
phase  $X[w]$  de la guitare



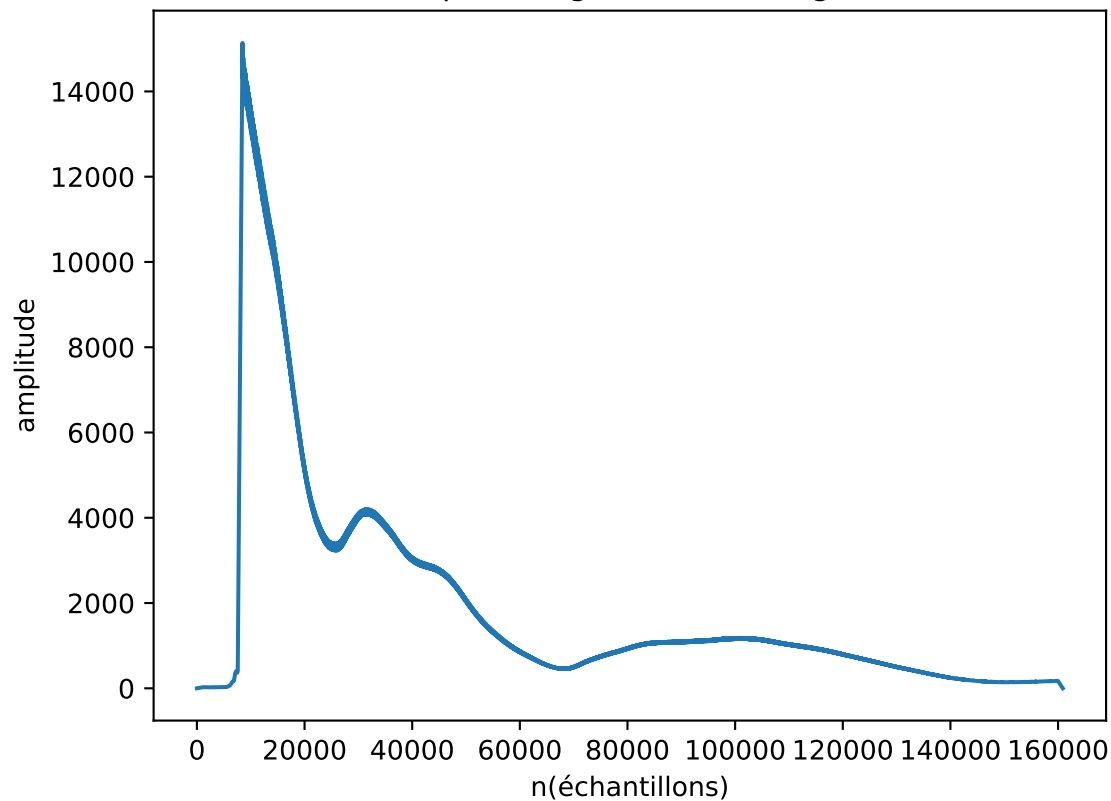
réponse impulsionnelle du filtre passe-bas N=884



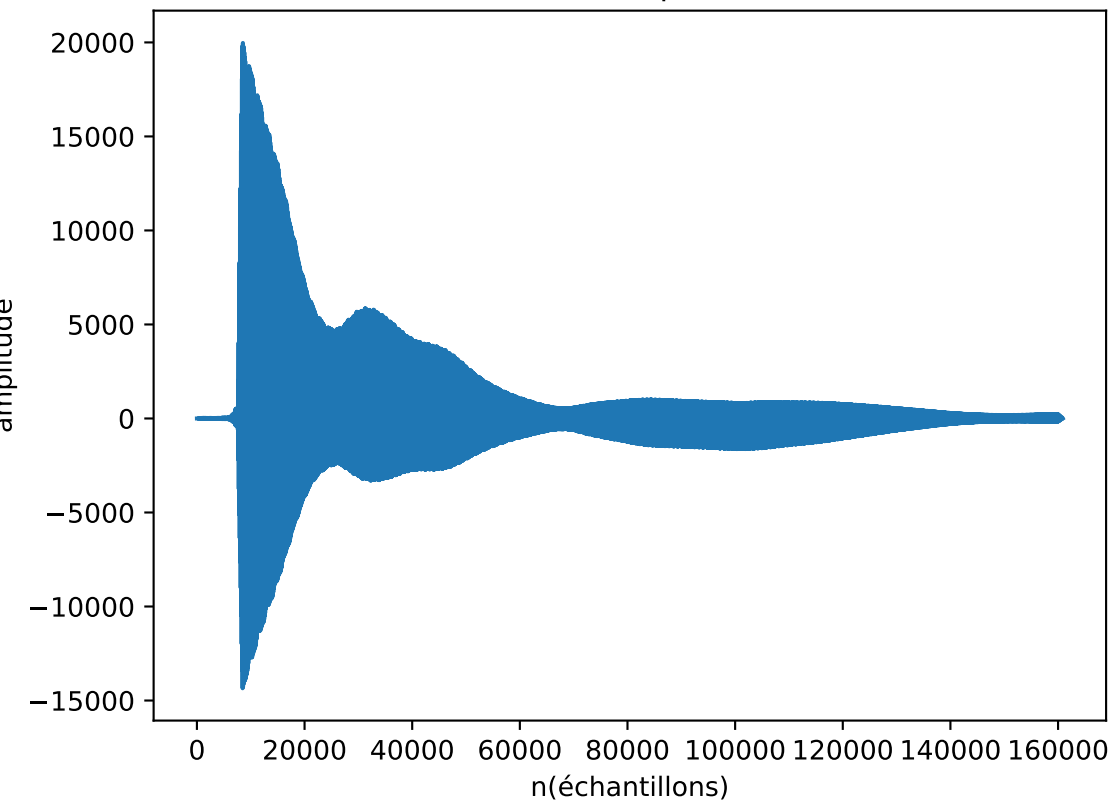
réponse fréquentielle du filtre passe-bas N=884



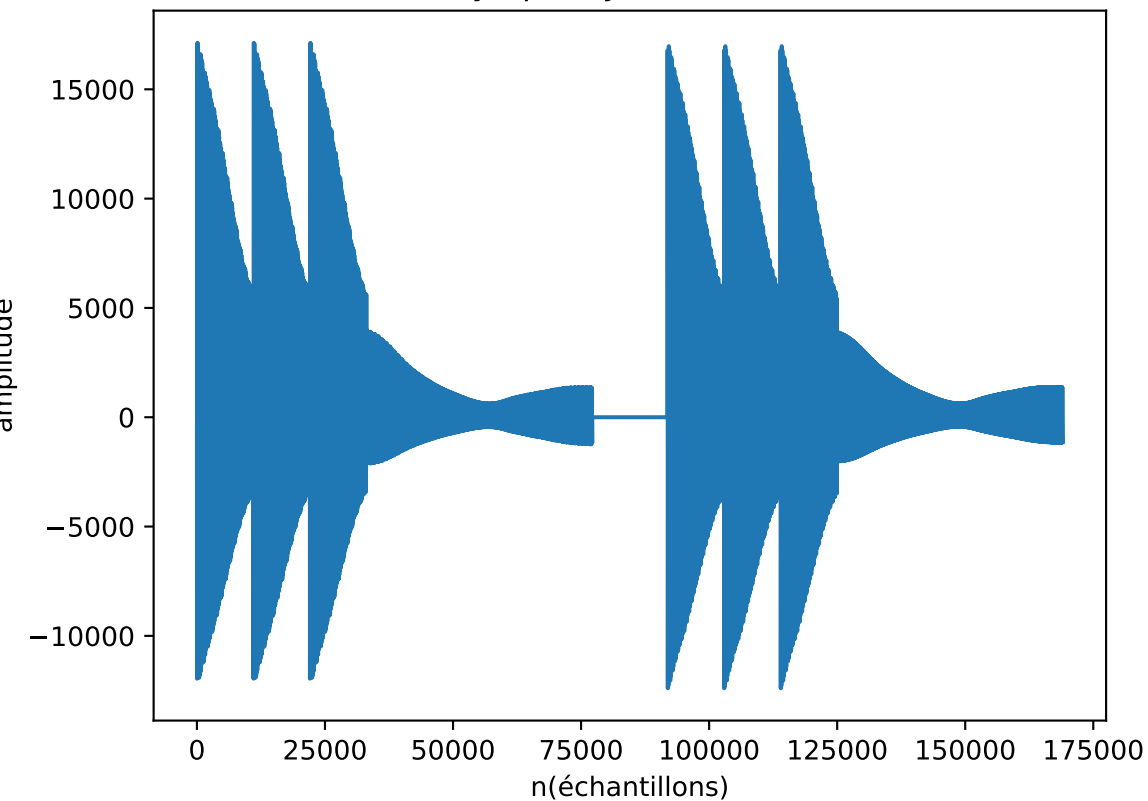
enveloppe du signal  $x[n]$  de la guitare



note LA filtré à travers le passe-bas de N=884

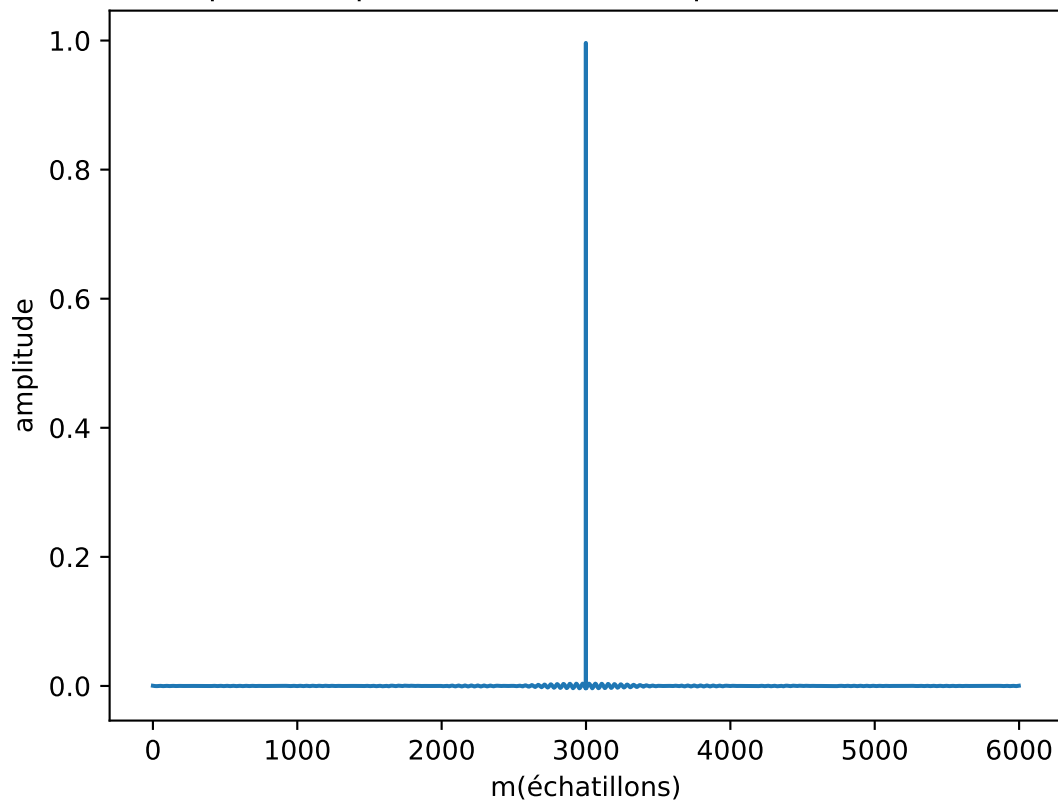


## 5e symphony de Beethoven

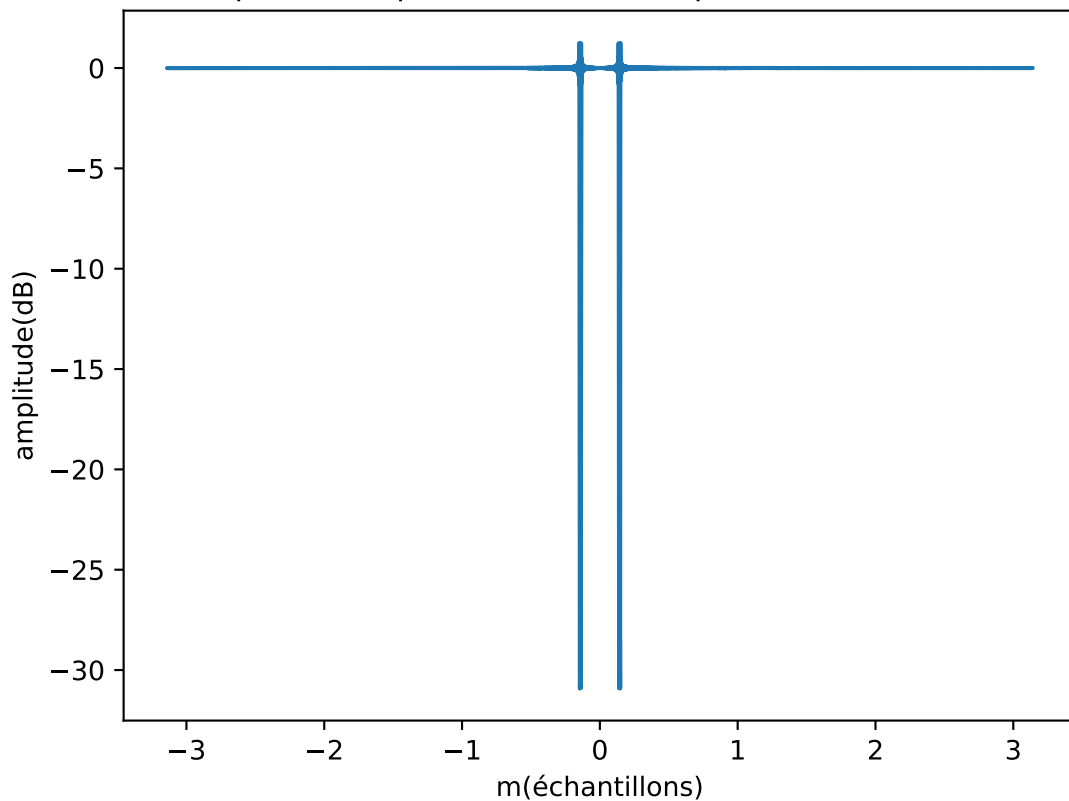




réponse impulsionnelle du filtre passe-bas N=6000



réponse fréquentielle du filtre passe-bas N=6000



signal filtré du basson y[n]

