

Tracés de la fonction réseau pour différentes valeurs de N :

$$f(N, \phi) = \frac{1}{N^2} \left(\frac{\sin\left(\frac{N\phi}{2}\right)}{\sin\left(\frac{\phi}{2}\right)} \right)^2$$

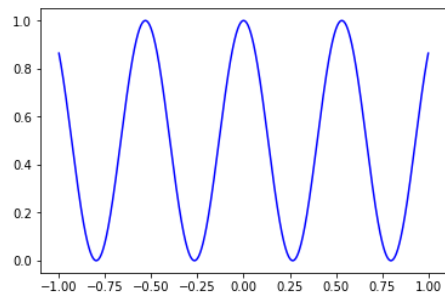


FIGURE 1 – N=2

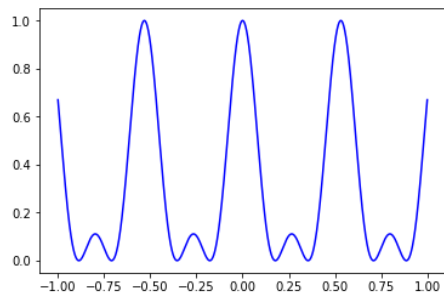


FIGURE 2 – N=3

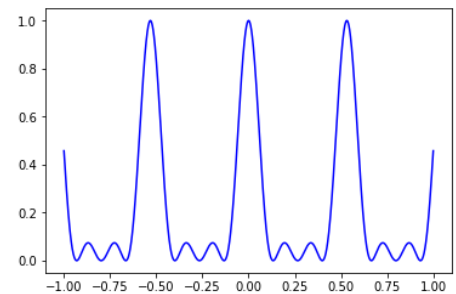


FIGURE 3 – N=4

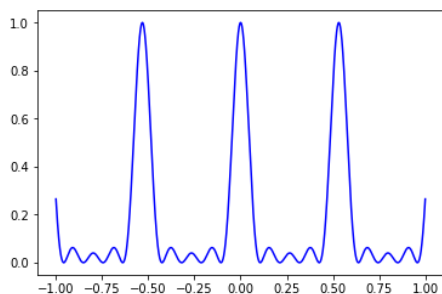


FIGURE 4 – N=5

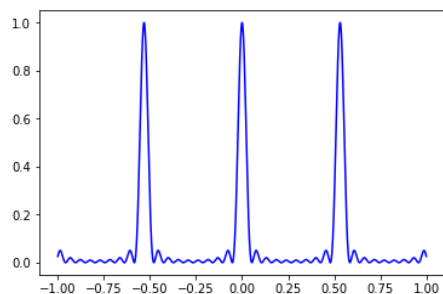


FIGURE 5 – N=10

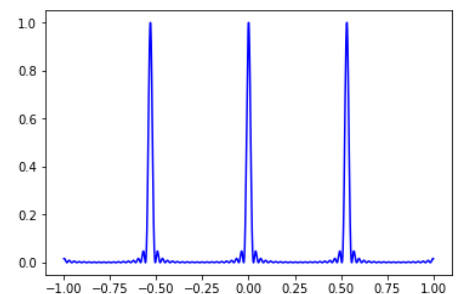


FIGURE 6 – N=20

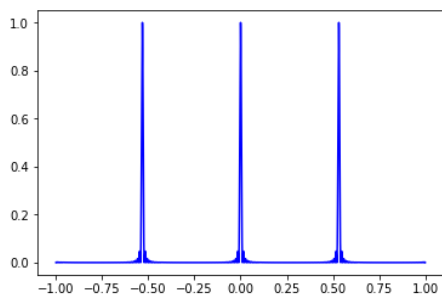


FIGURE 7 – N=50

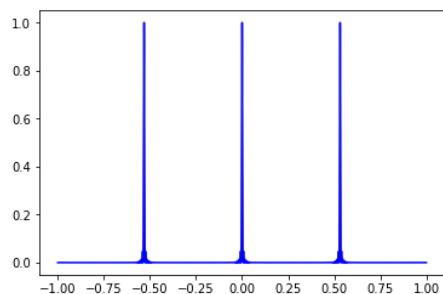


FIGURE 8 – N=100

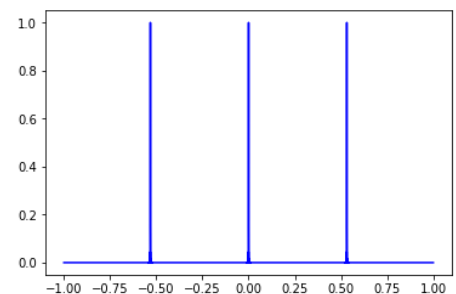


FIGURE 9 – N=1000

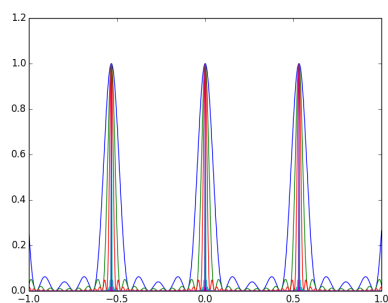


FIGURE 10 – Comparaison des courbes