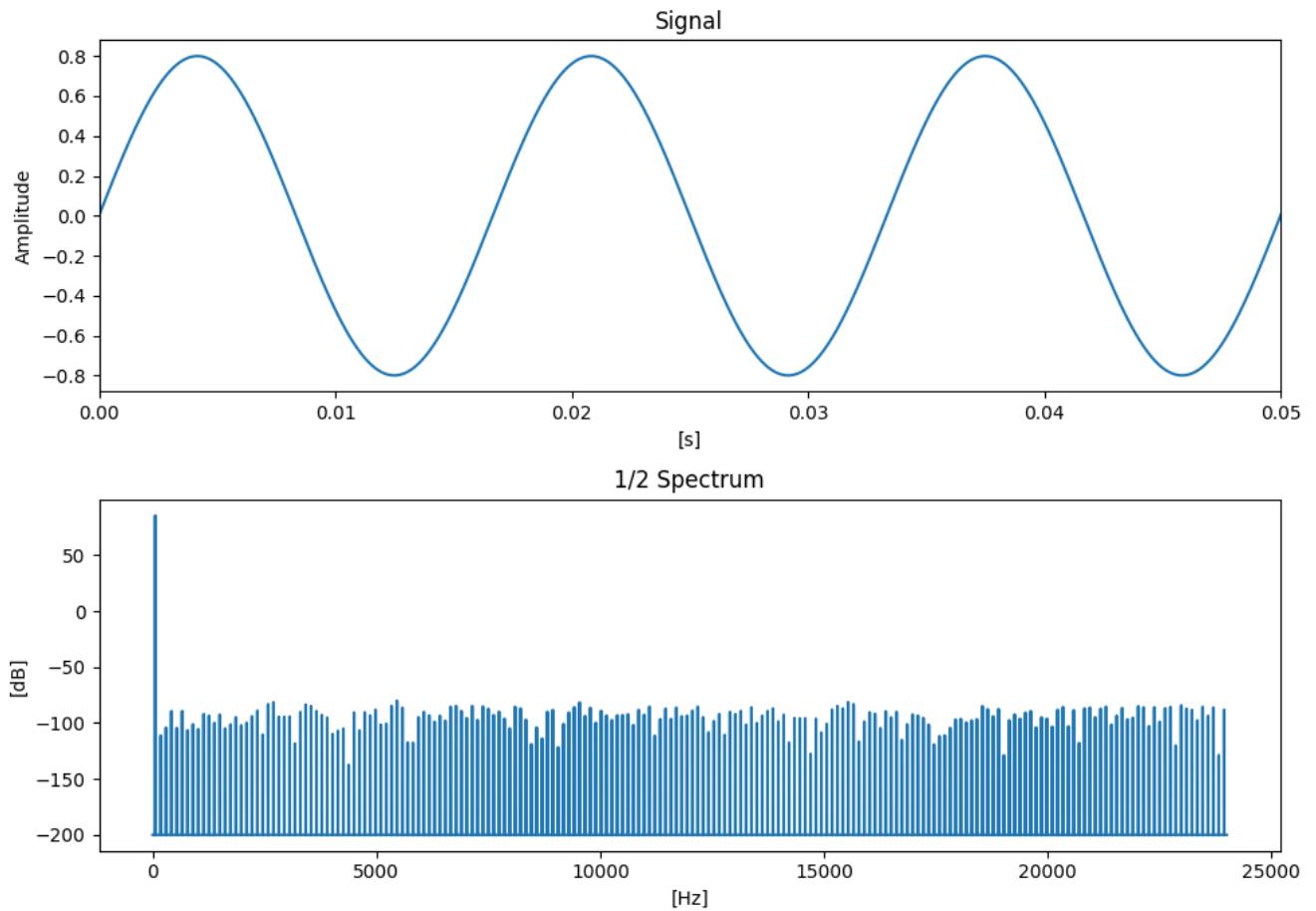


Kwantyzacja i próbkowanie dźwięku oraz re-sampling

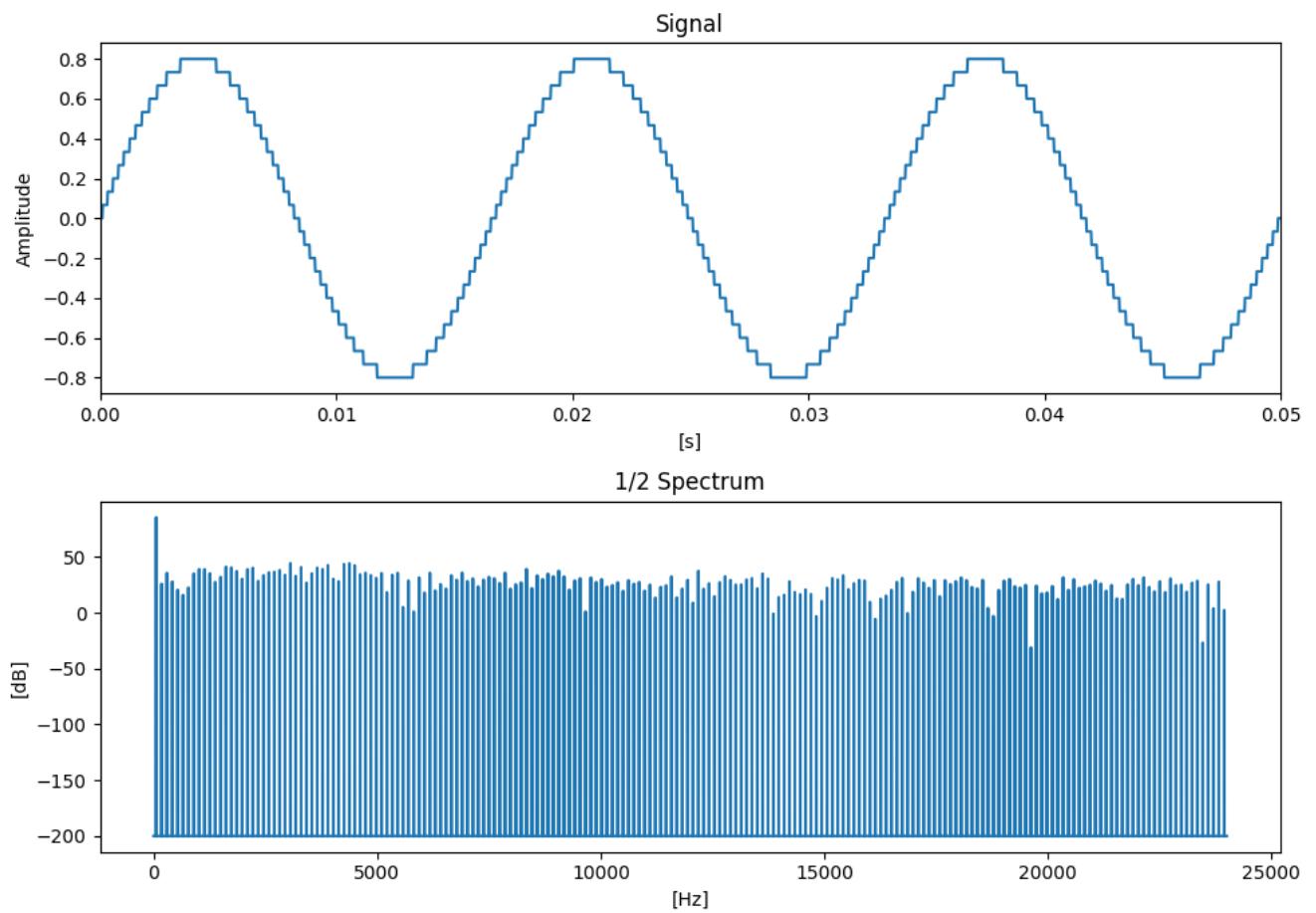
Wojciech Latoś

Sygnal - SIN/sin_60Hz.wav

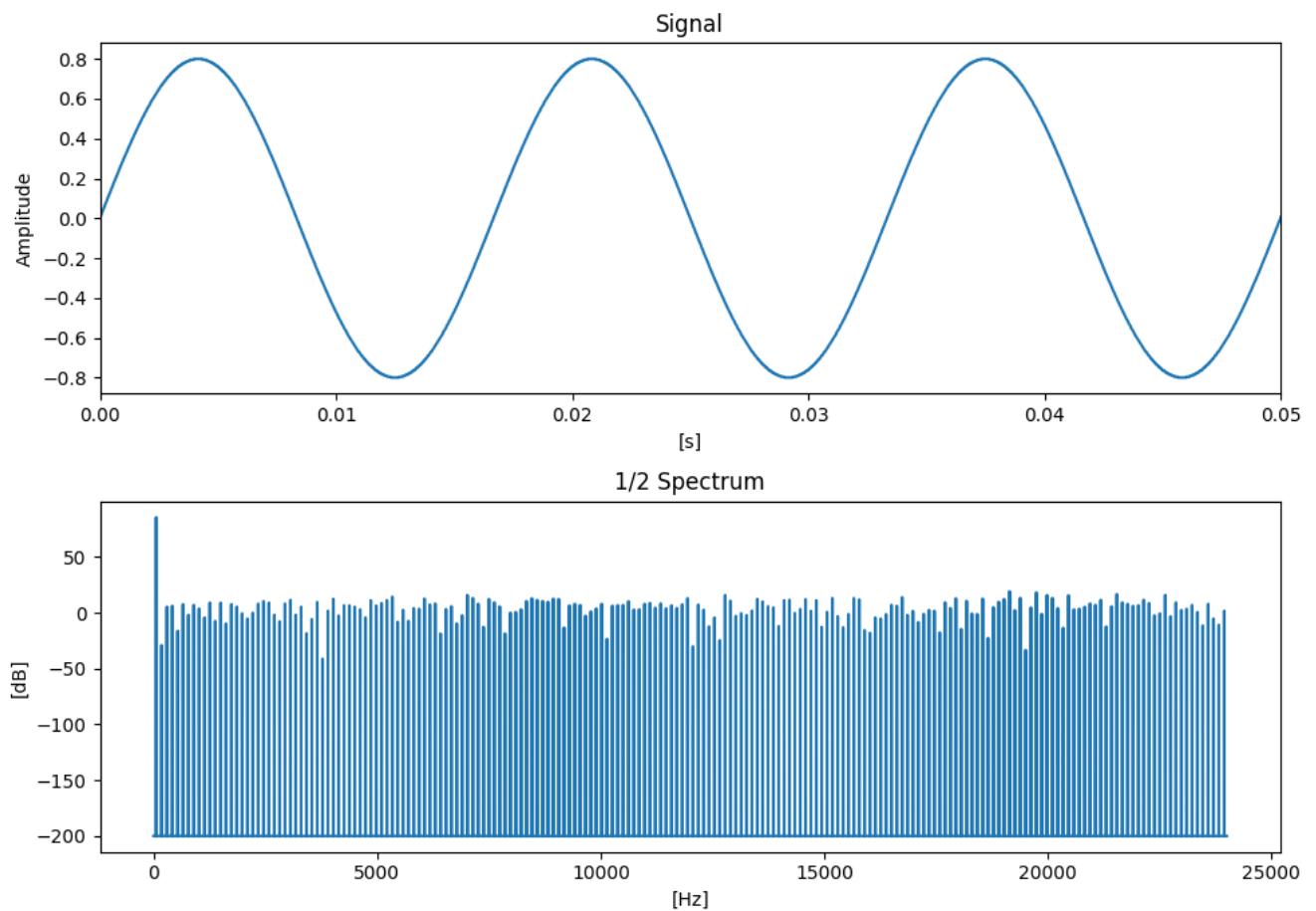
Sygnal oryginalny



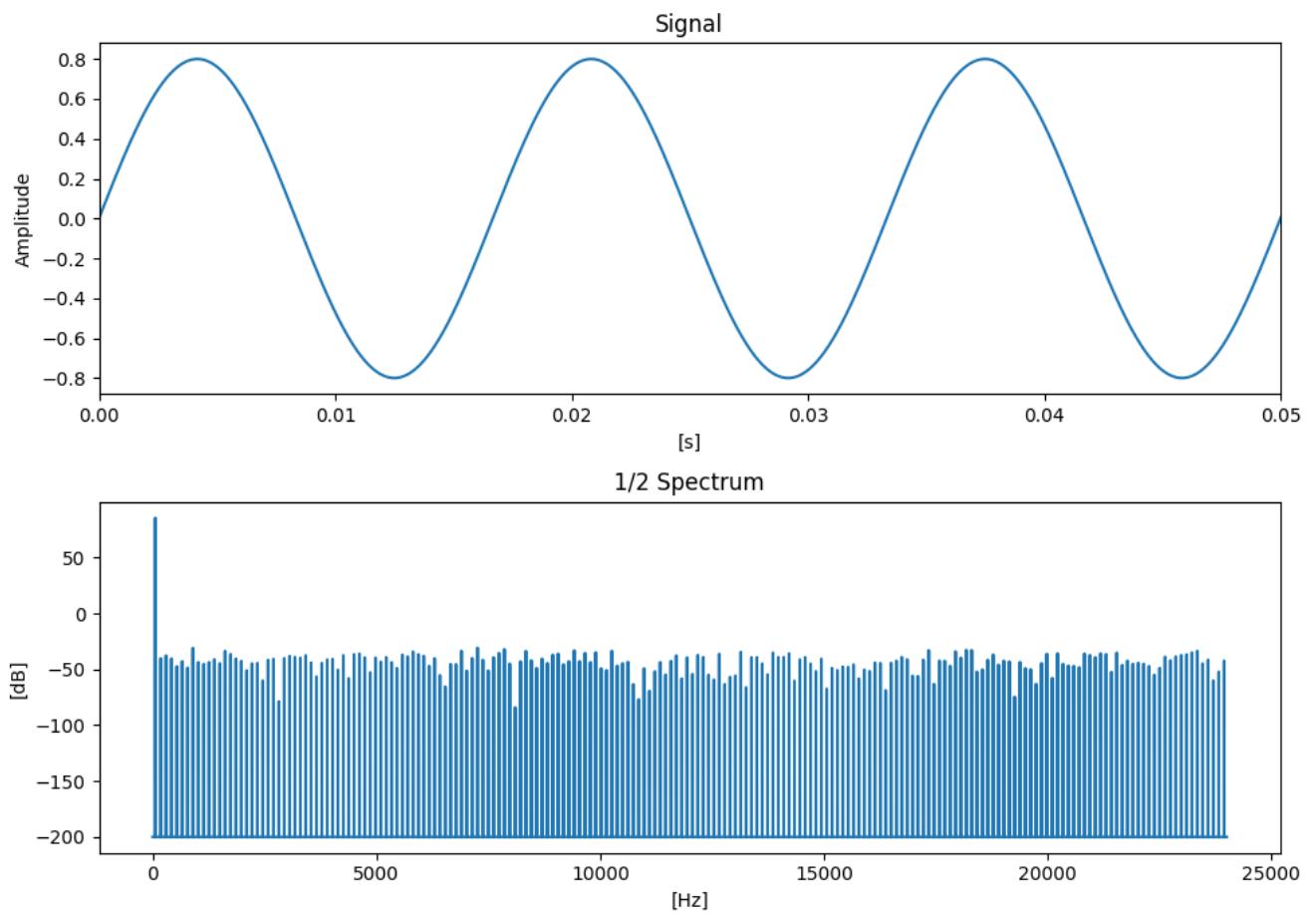
Kwantyzacja 4 bit



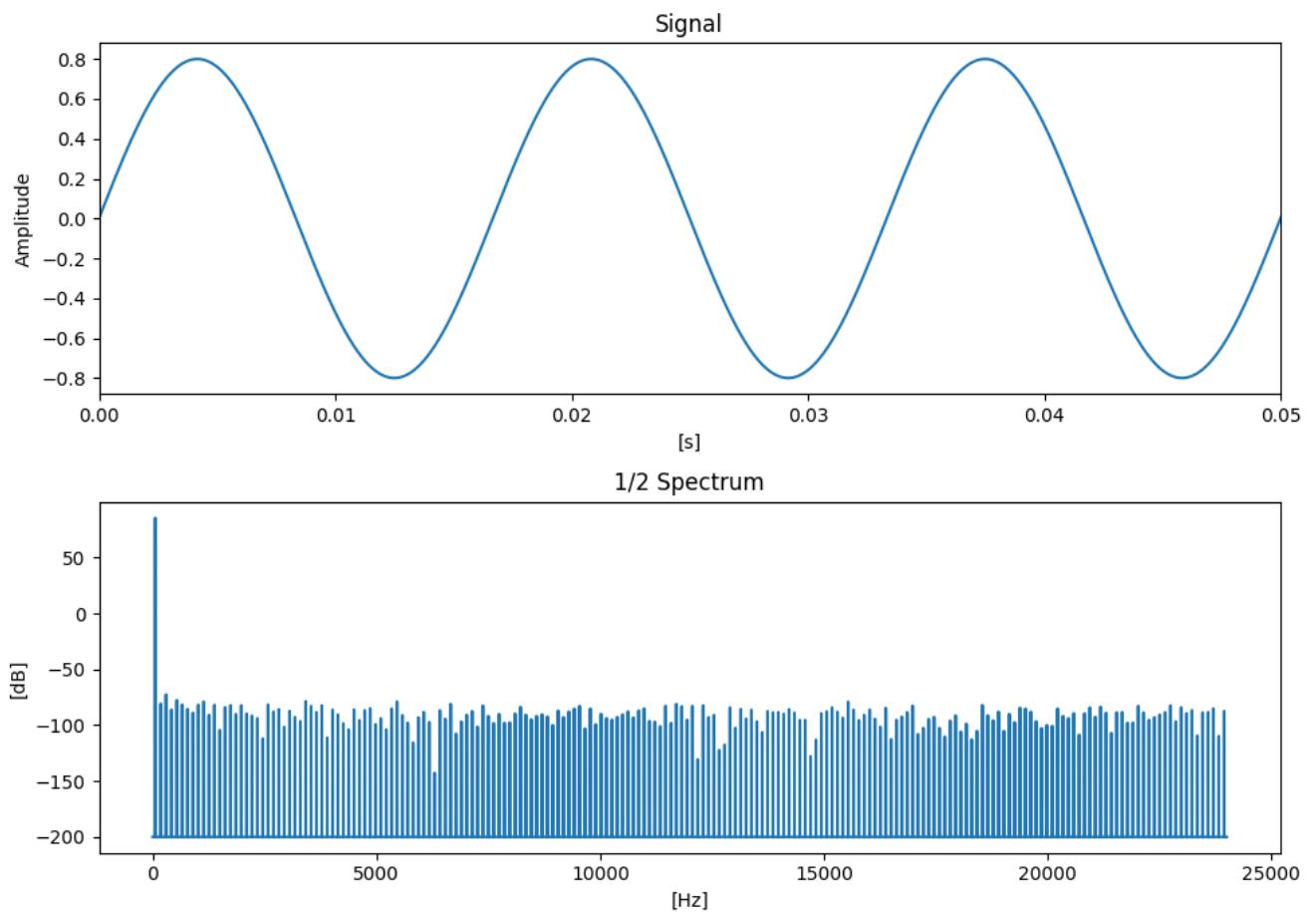
Kwantyzacja 8 bit



Kwantyzacja 16 bit

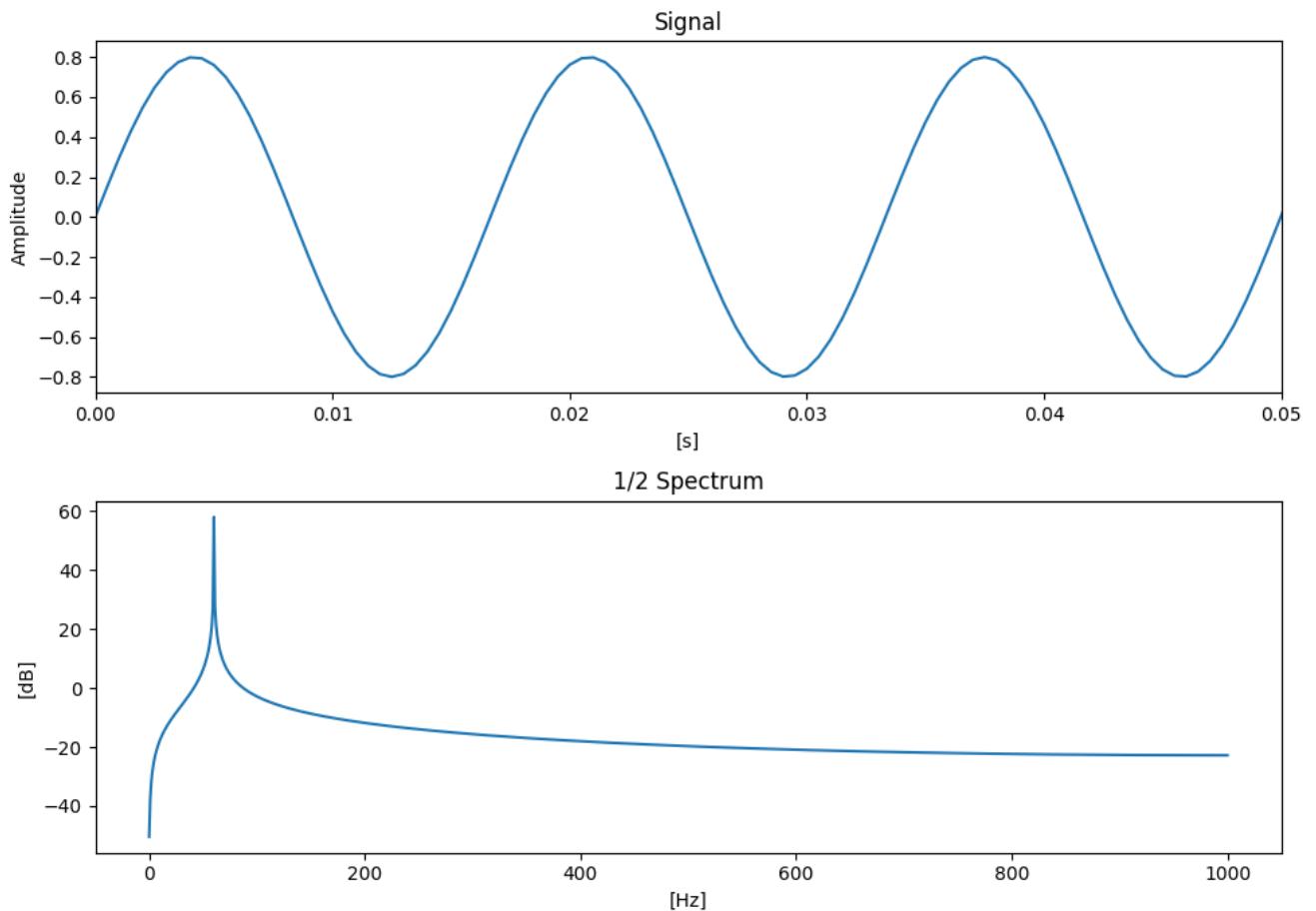


Kwantyzacja 24 bit

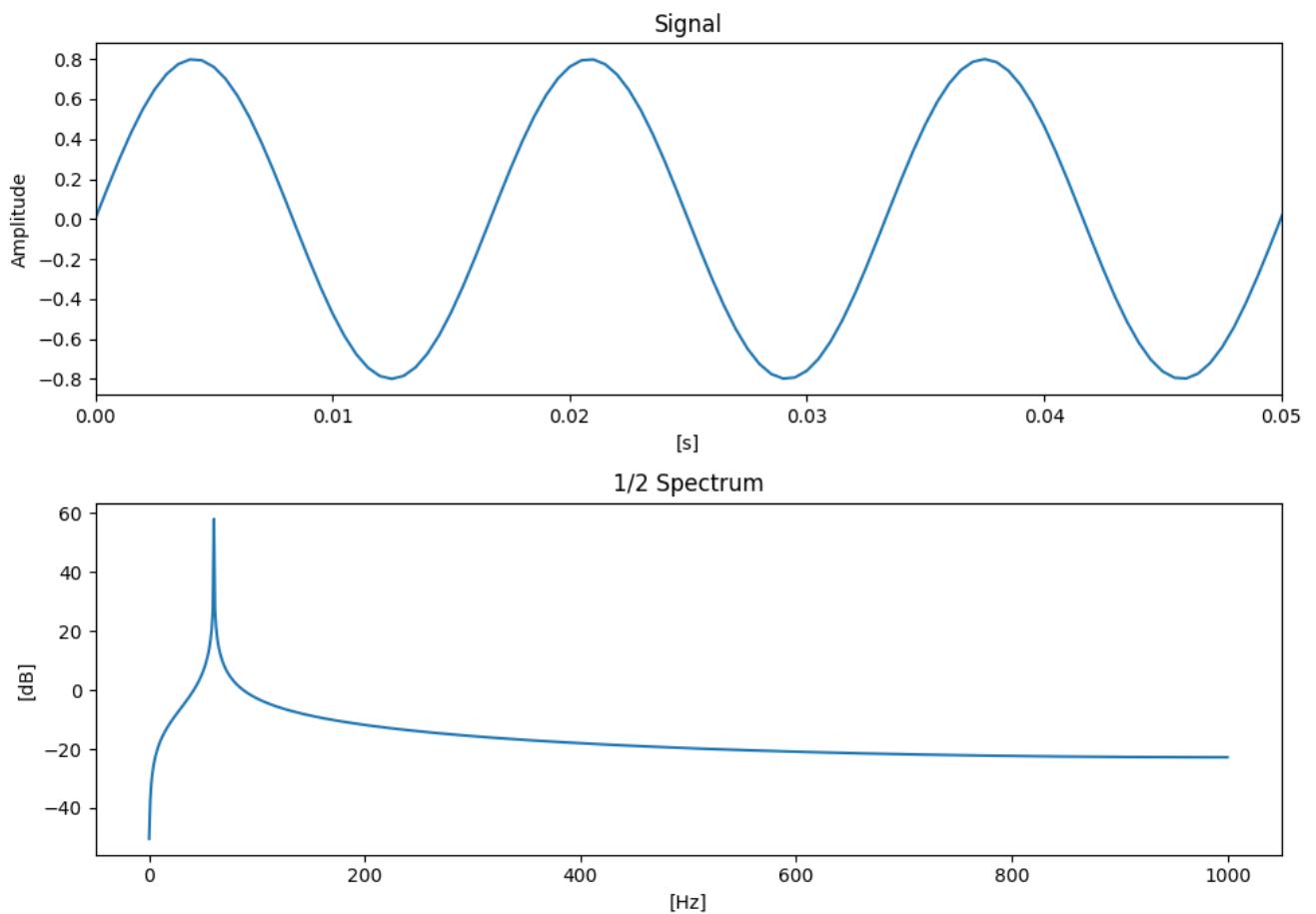


Interpolacja do 2000Hz

Metoda linear

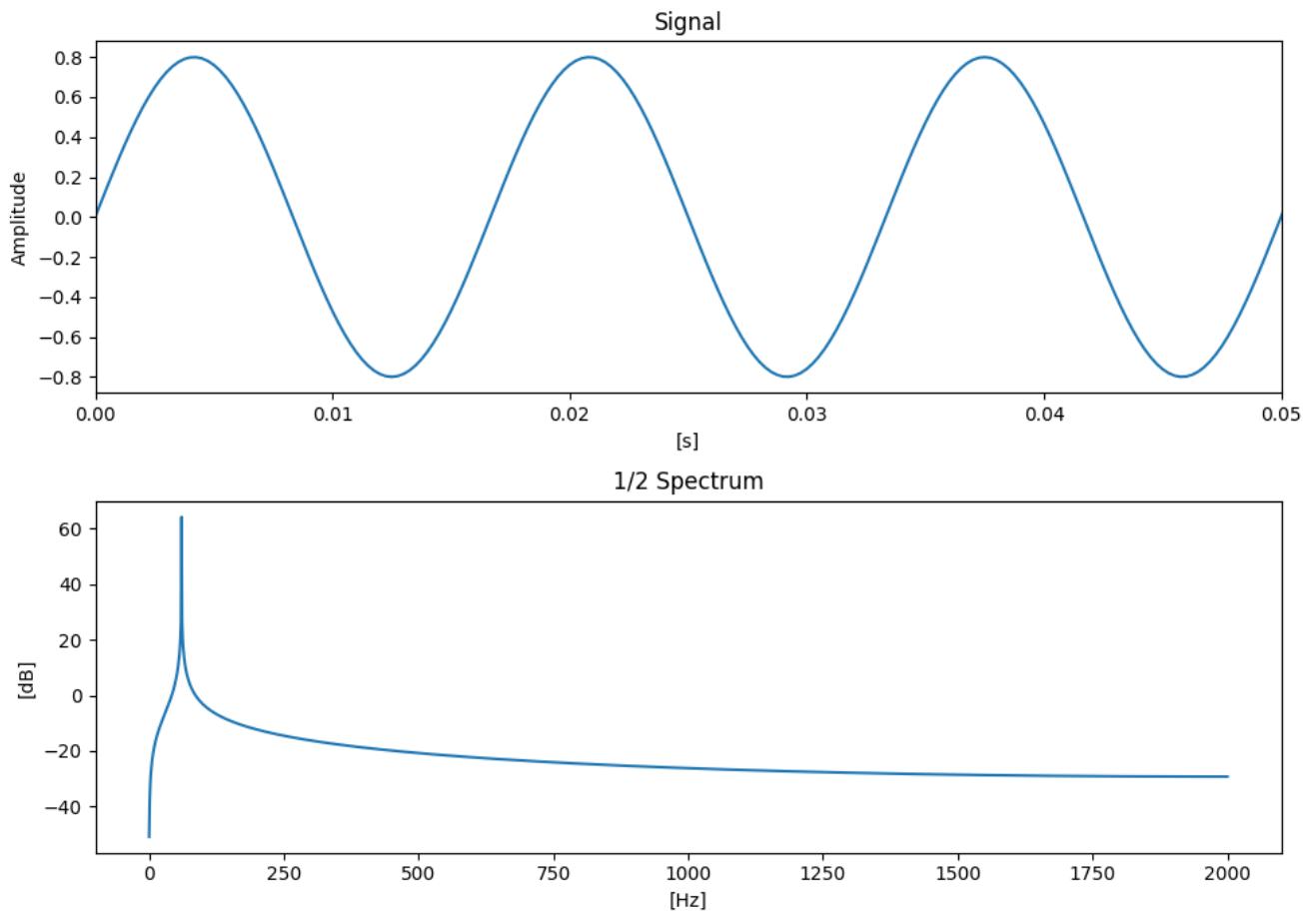


Metoda cubic

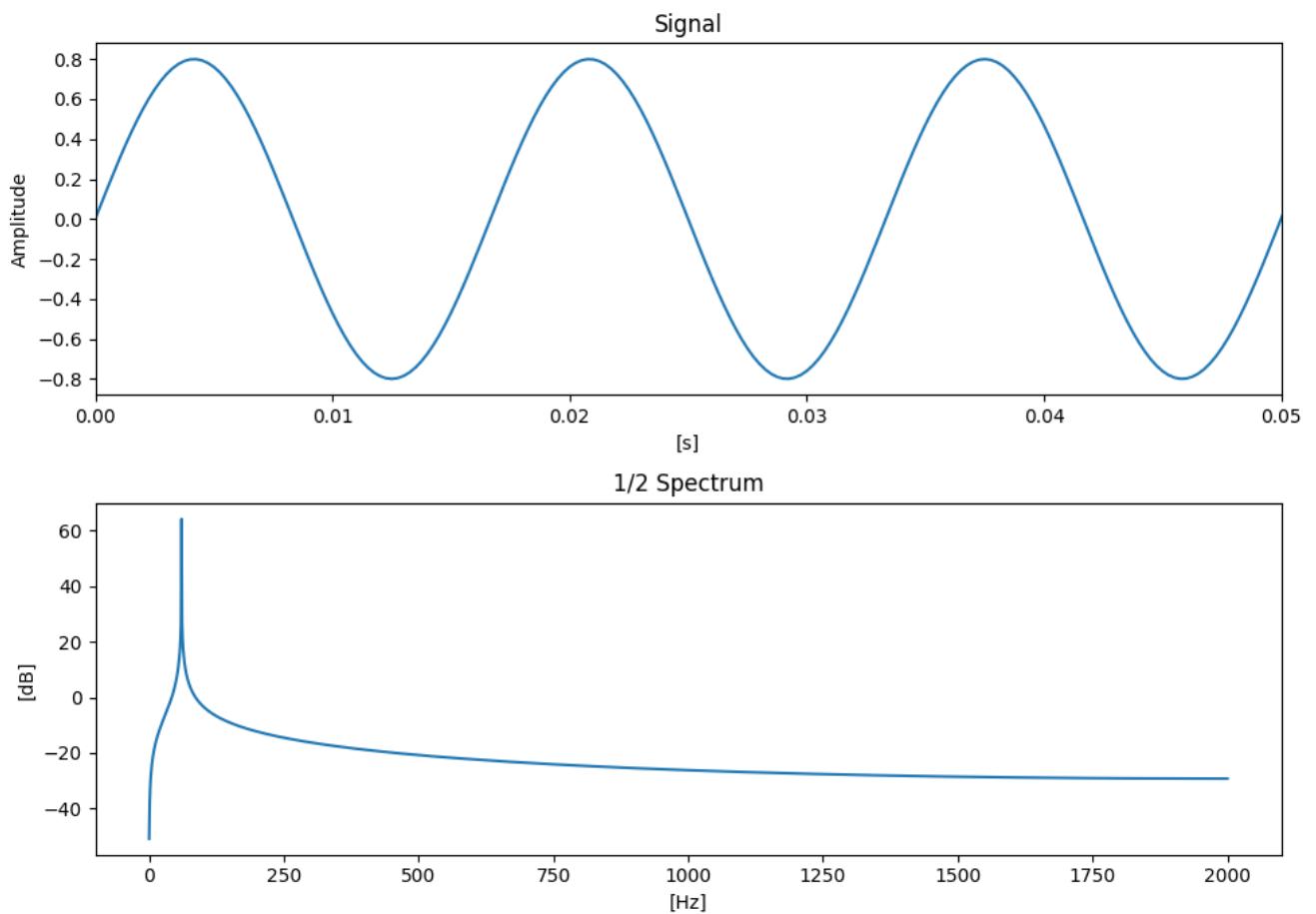


Interpolacja do 4000Hz

Metoda linear

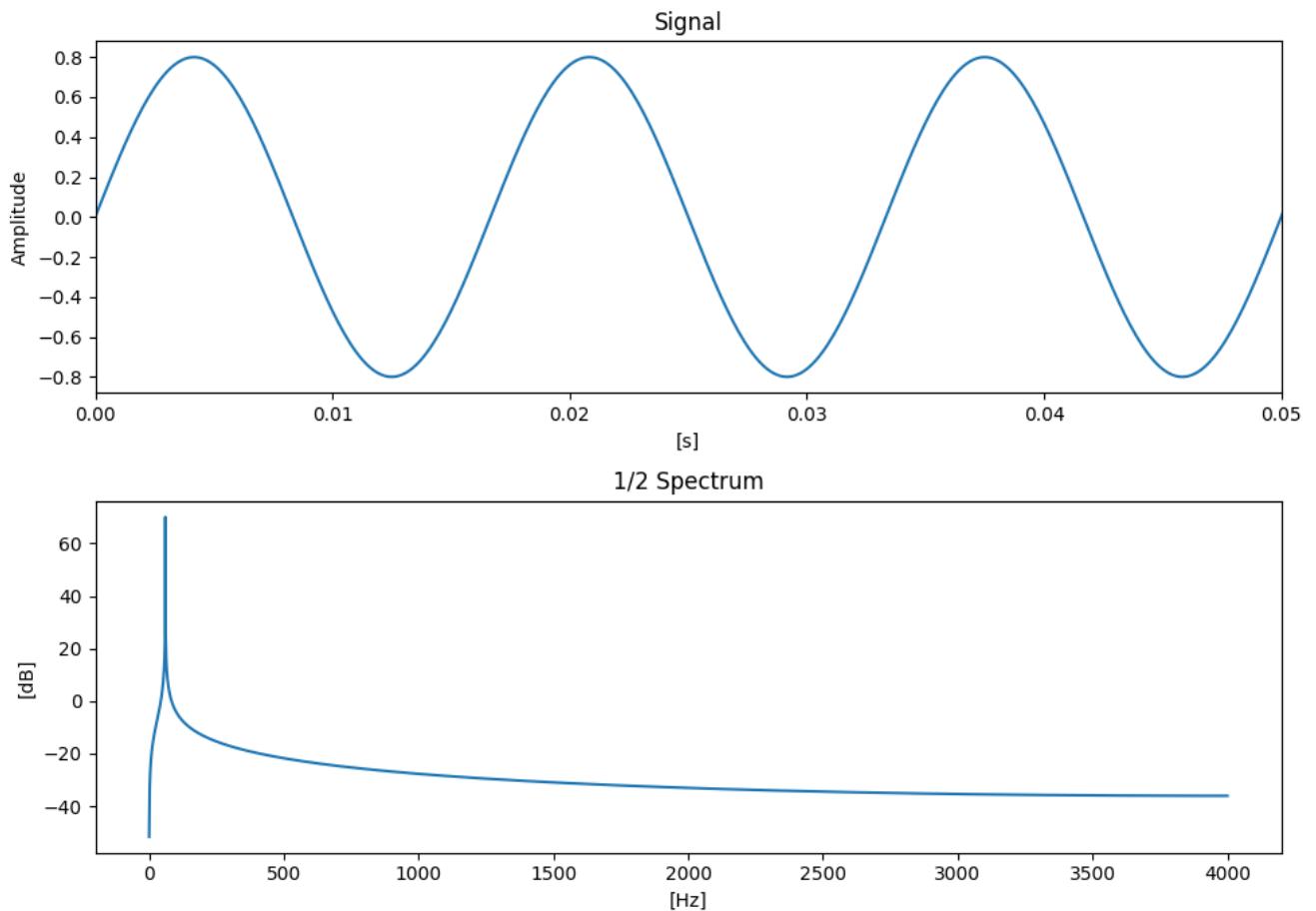


Metoda cubic

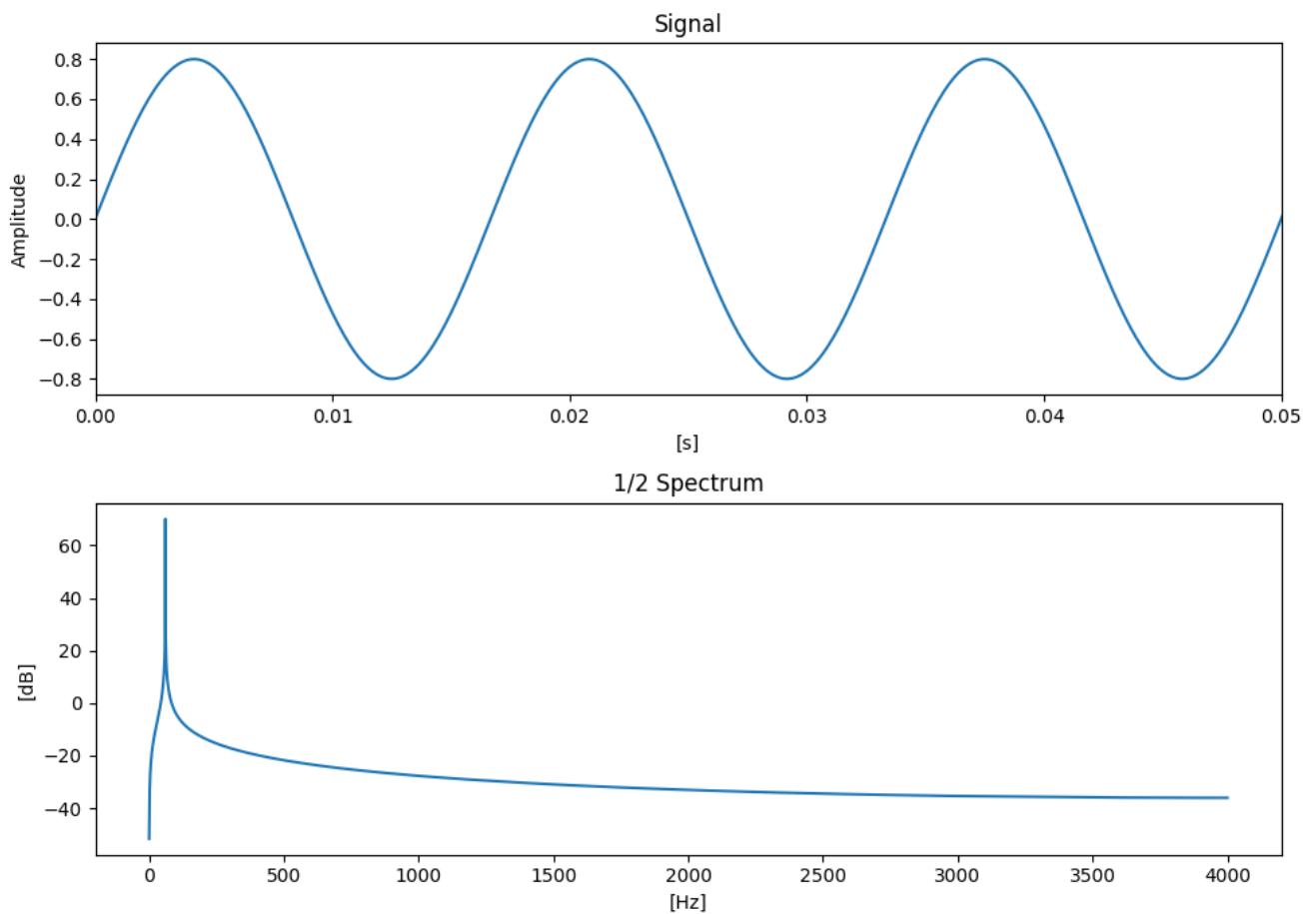


Interpolacja do 8000Hz

Metoda linear

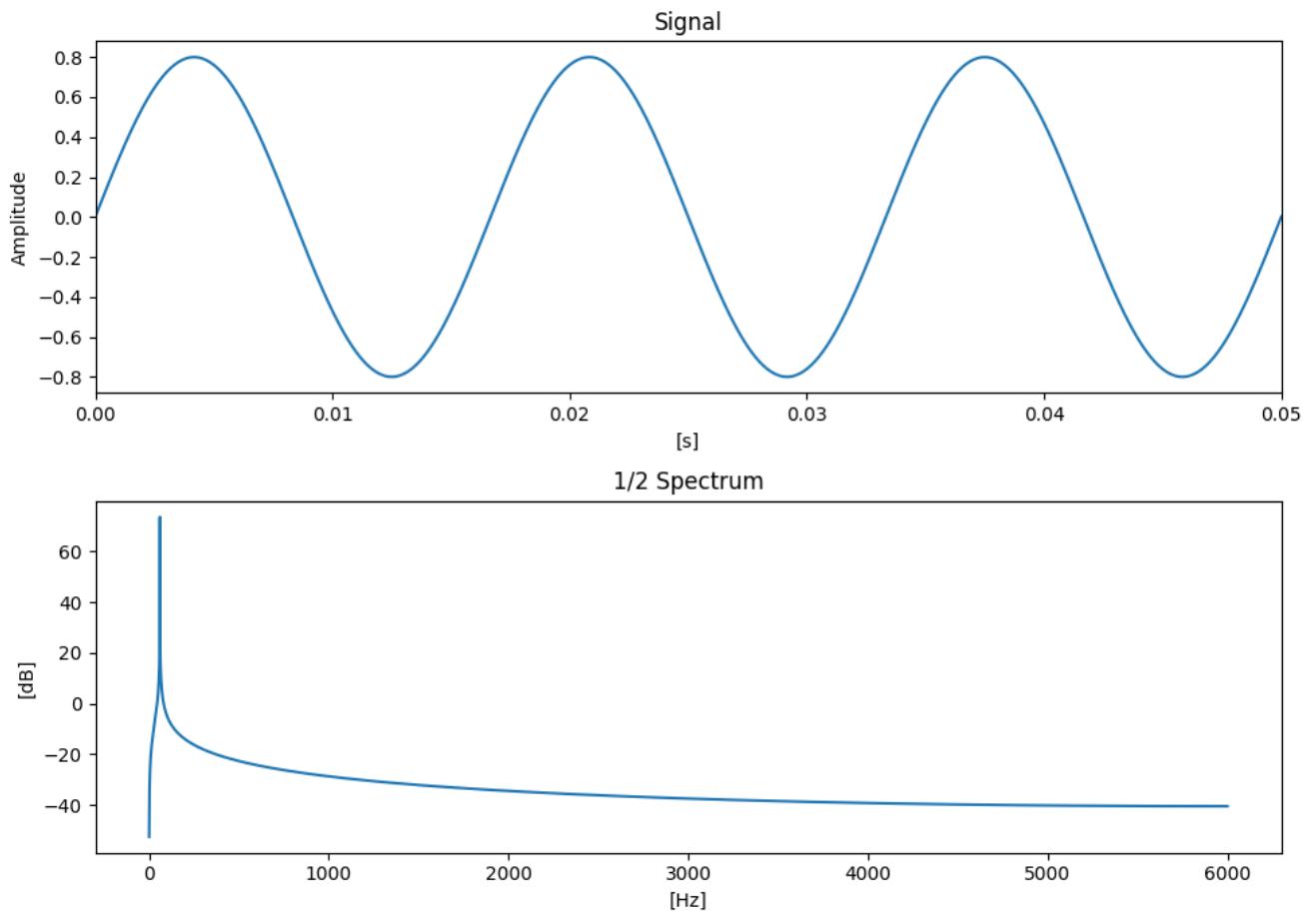


Metoda cubic

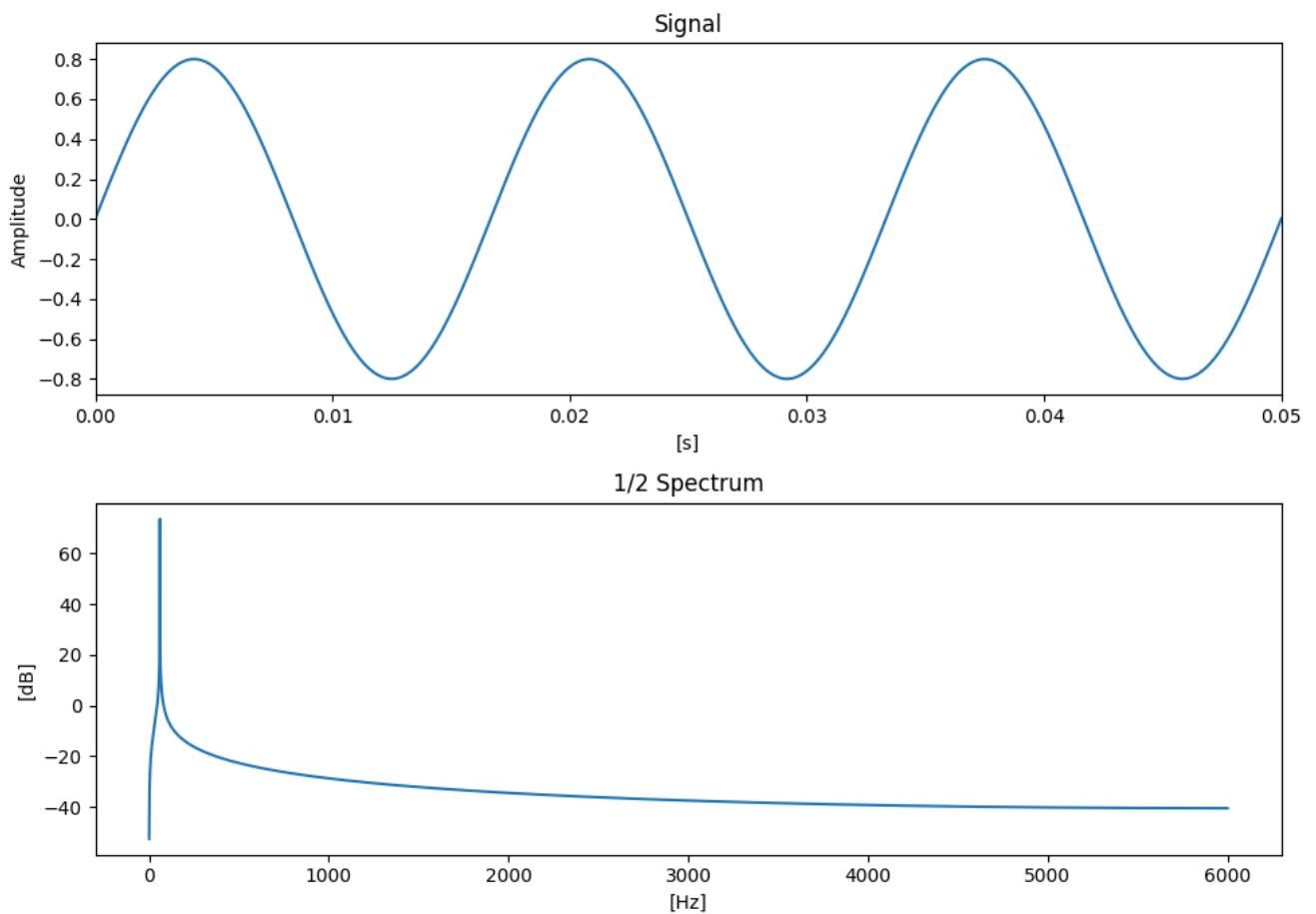


Interpolacja do 11999Hz

Metoda linear

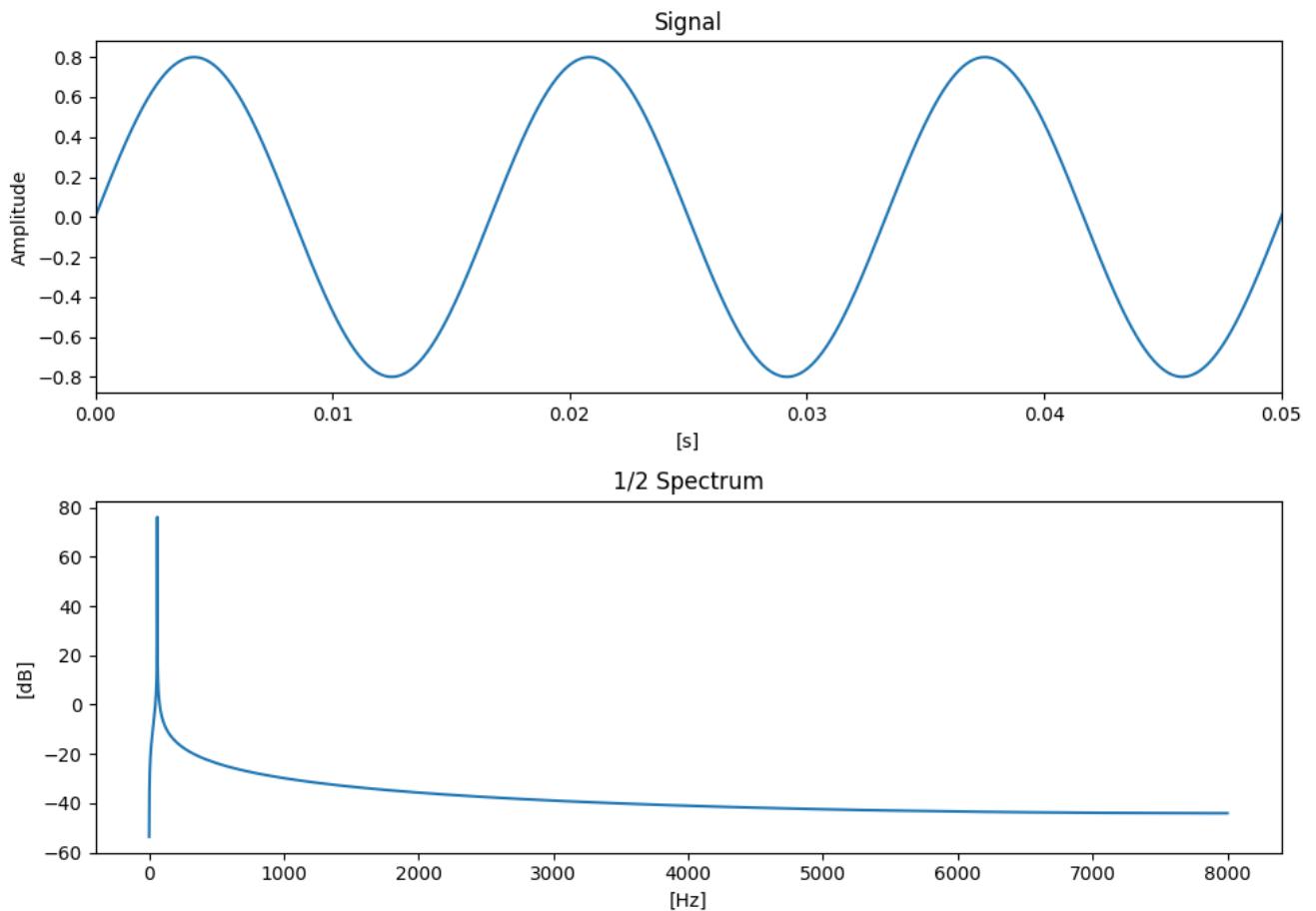


Metoda cubic

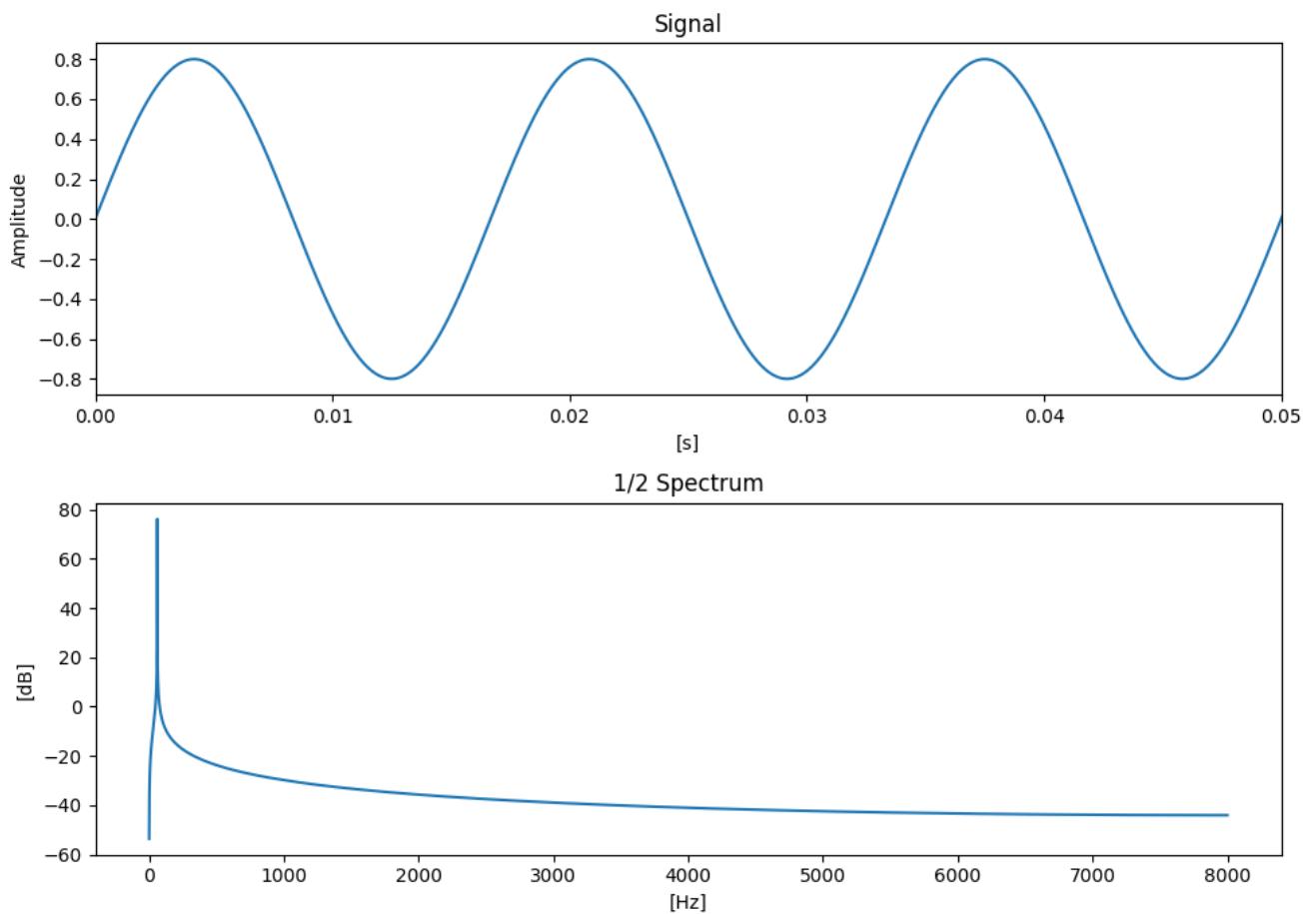


Interpolacja do 16000Hz

Metoda linear

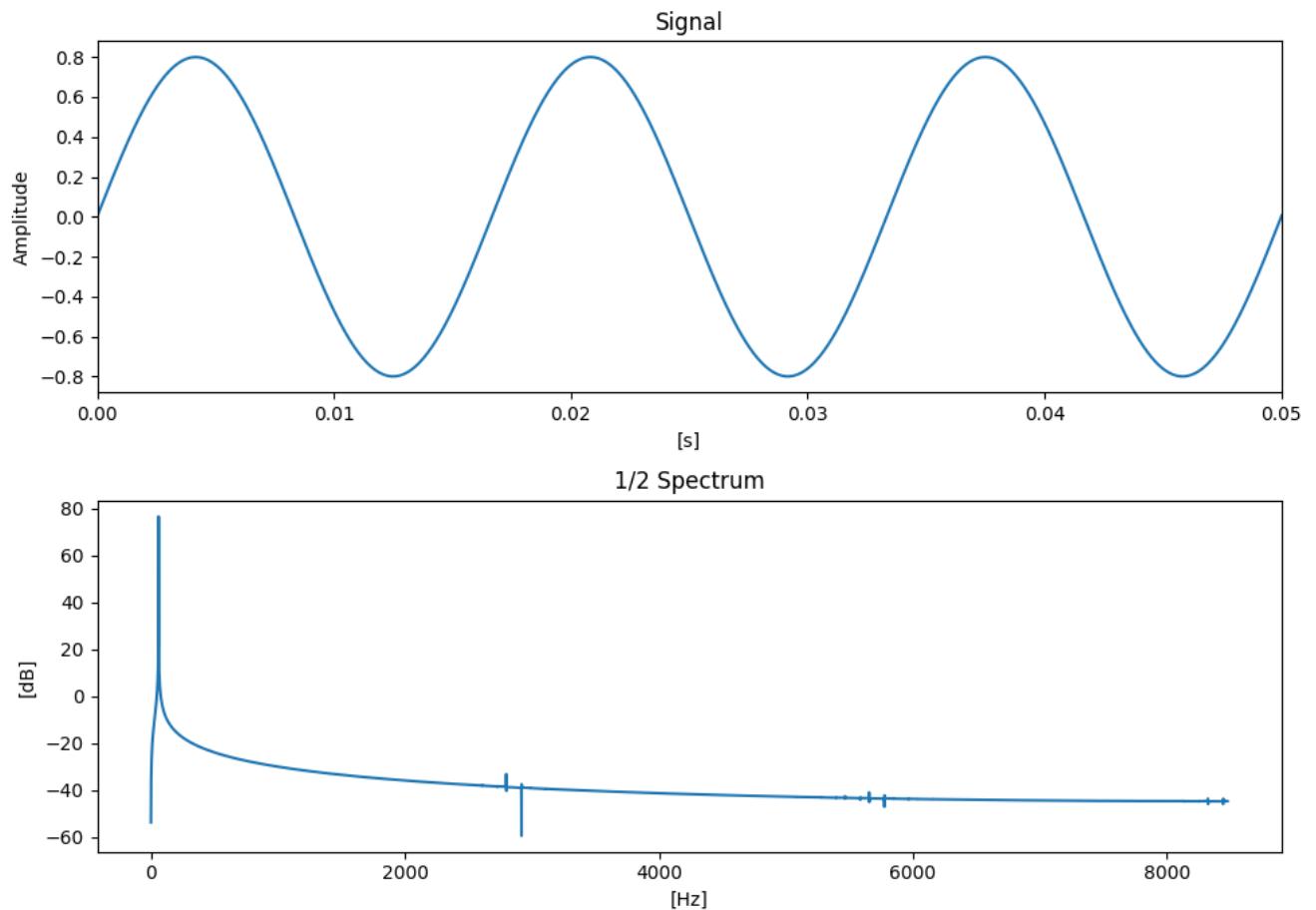


Metoda cubic

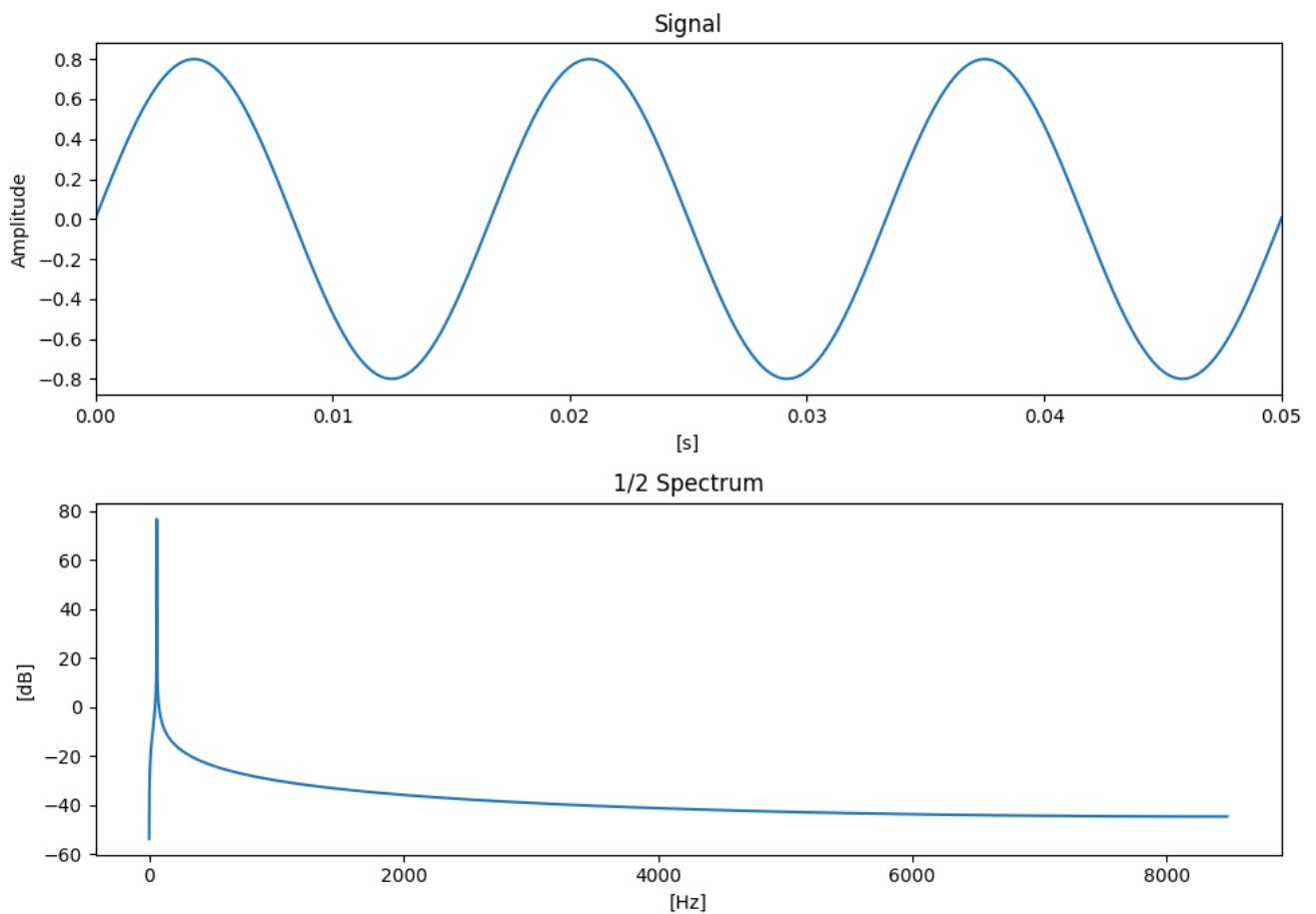


Interpolacja do 16953Hz

Metoda linear

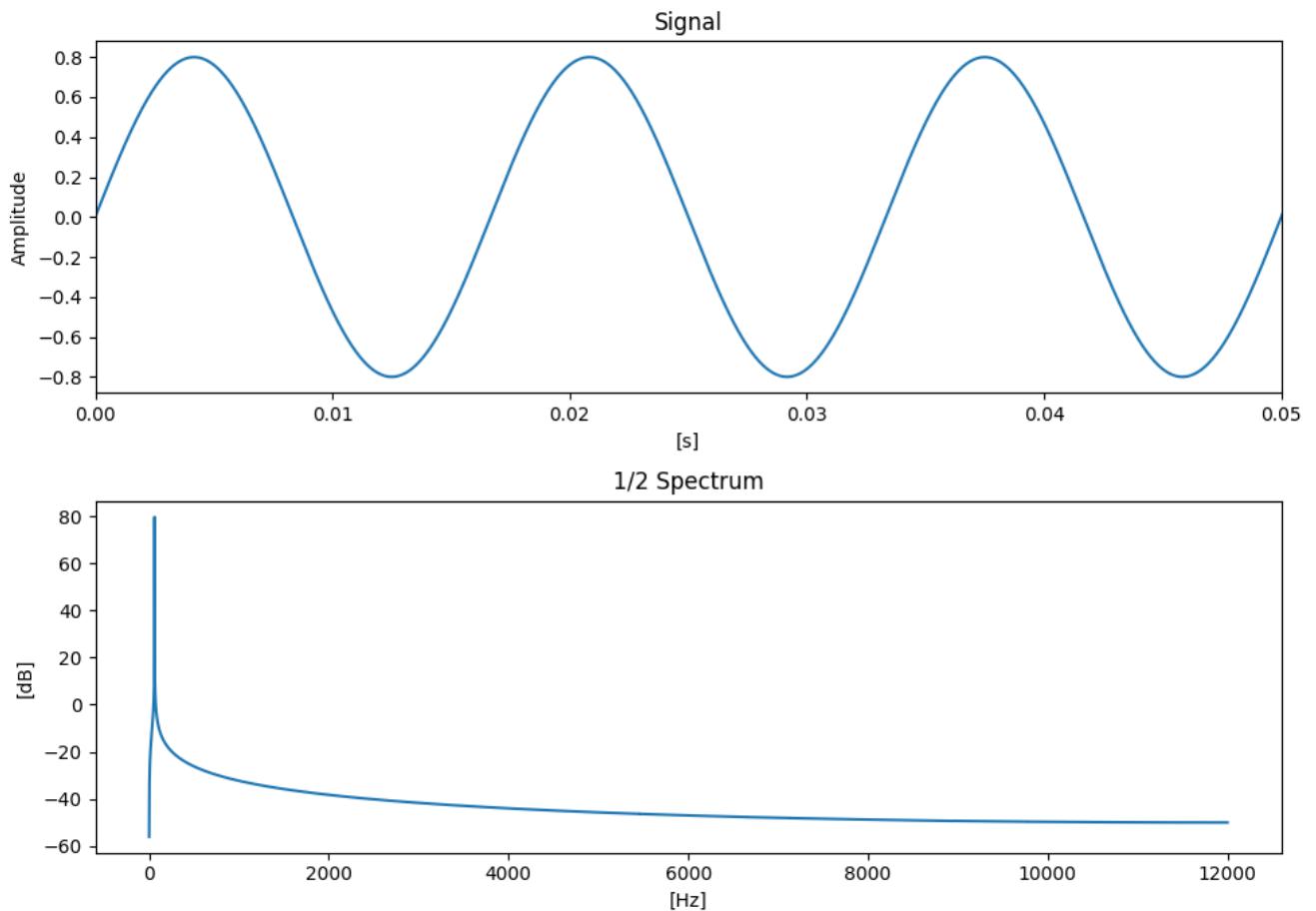


Metoda cubic

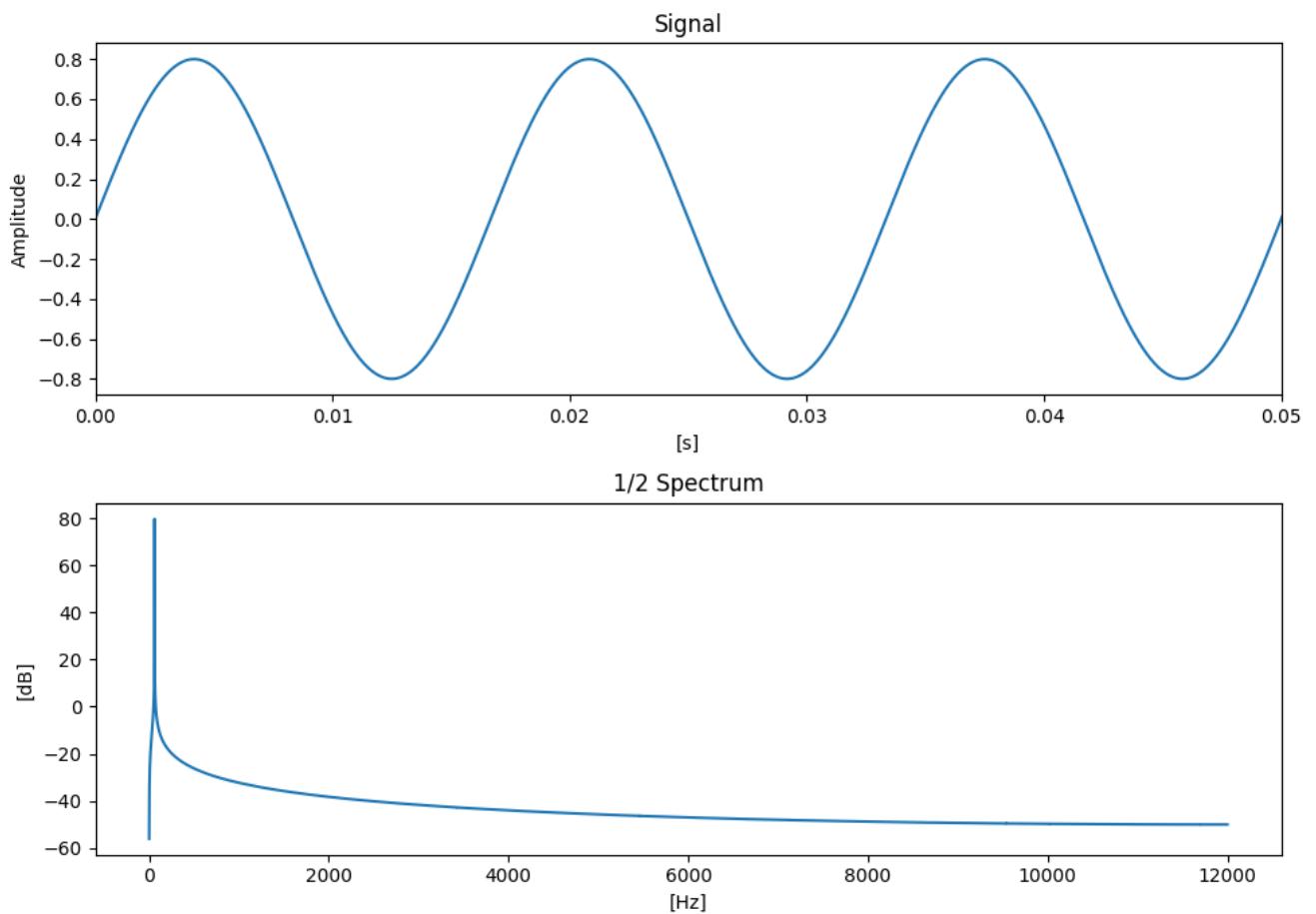


Interpolacja do 24000Hz

Metoda linear

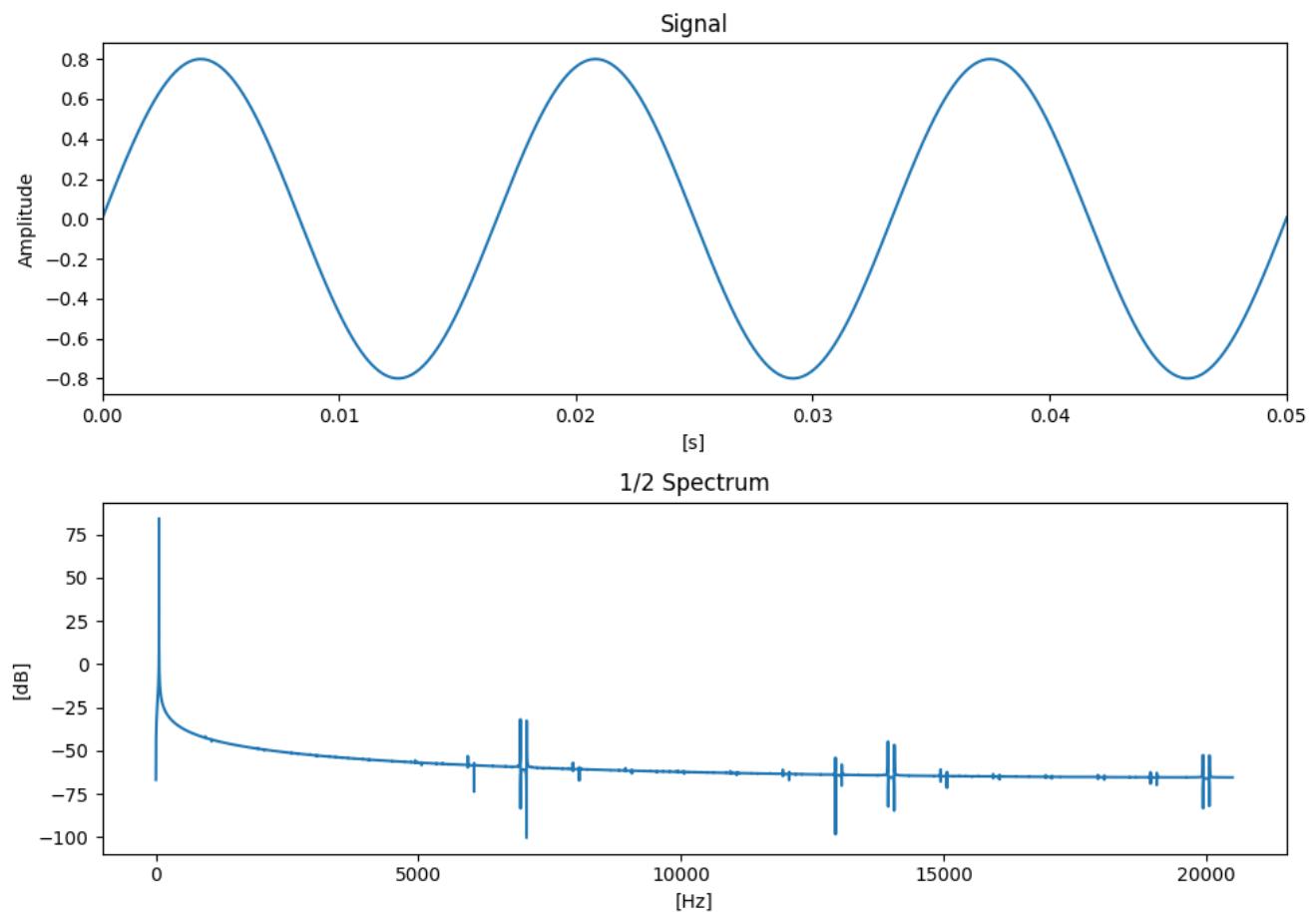


Metoda cubic

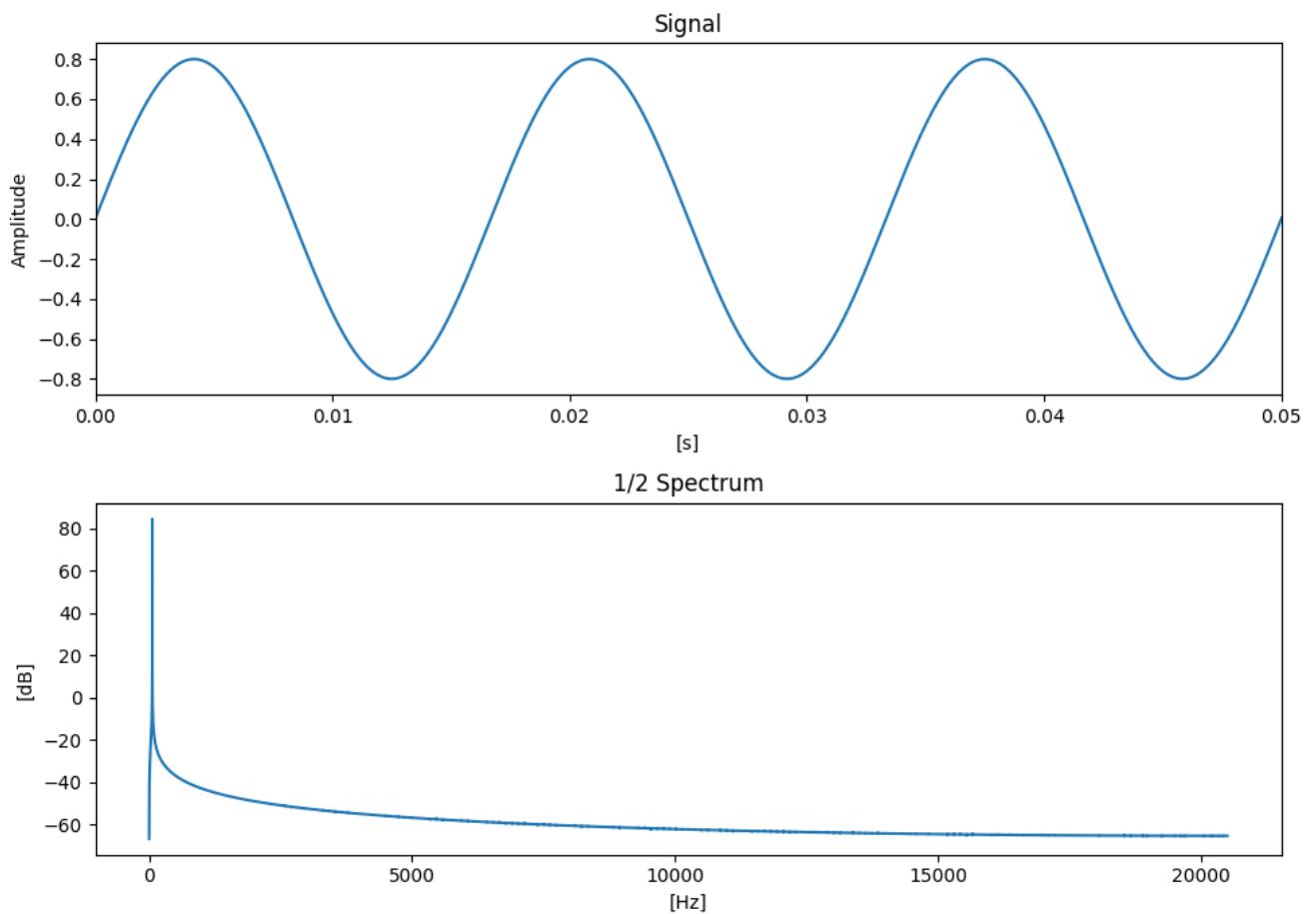


Interpolacja do 41000Hz

Metoda linear

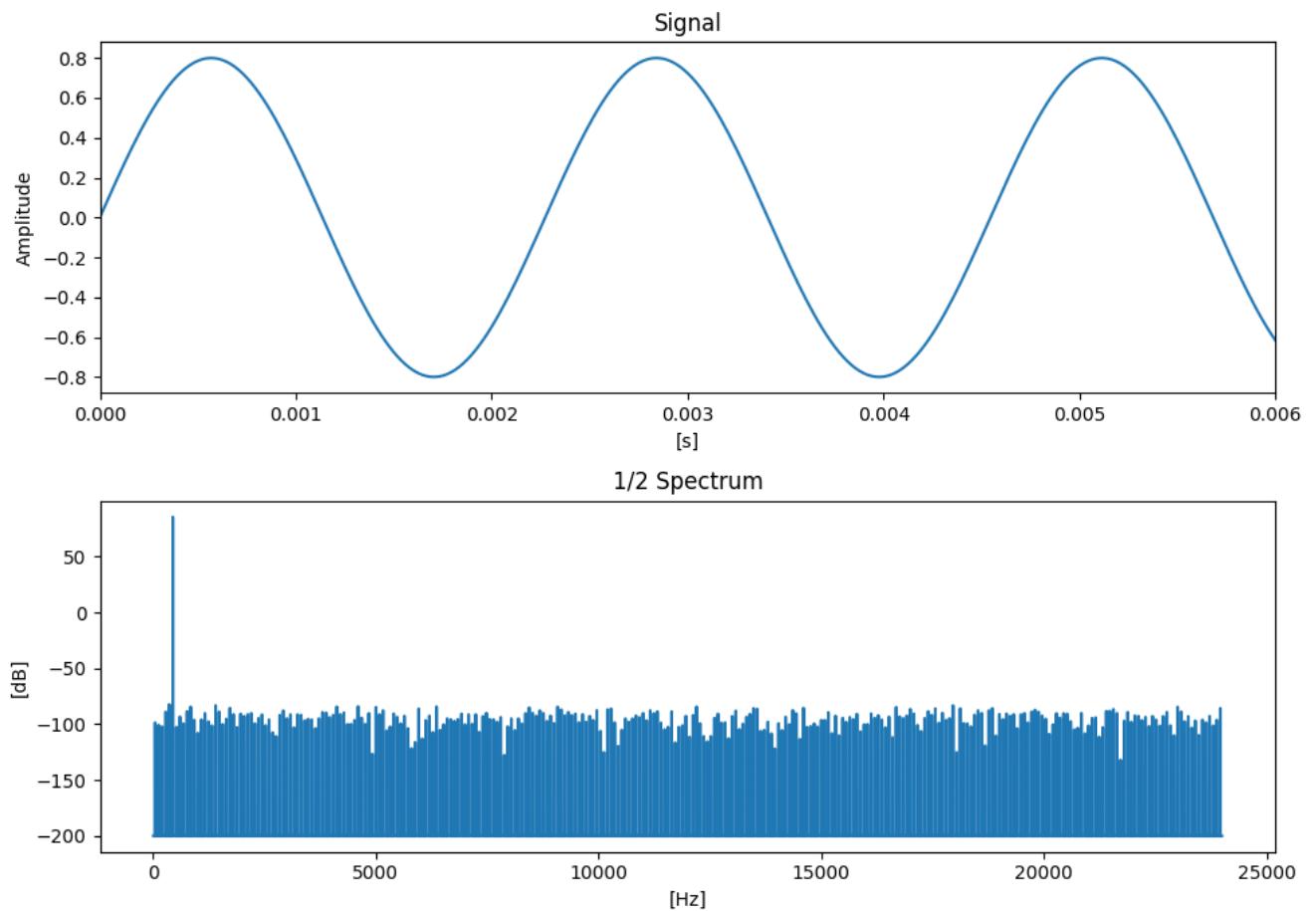


Metoda cubic

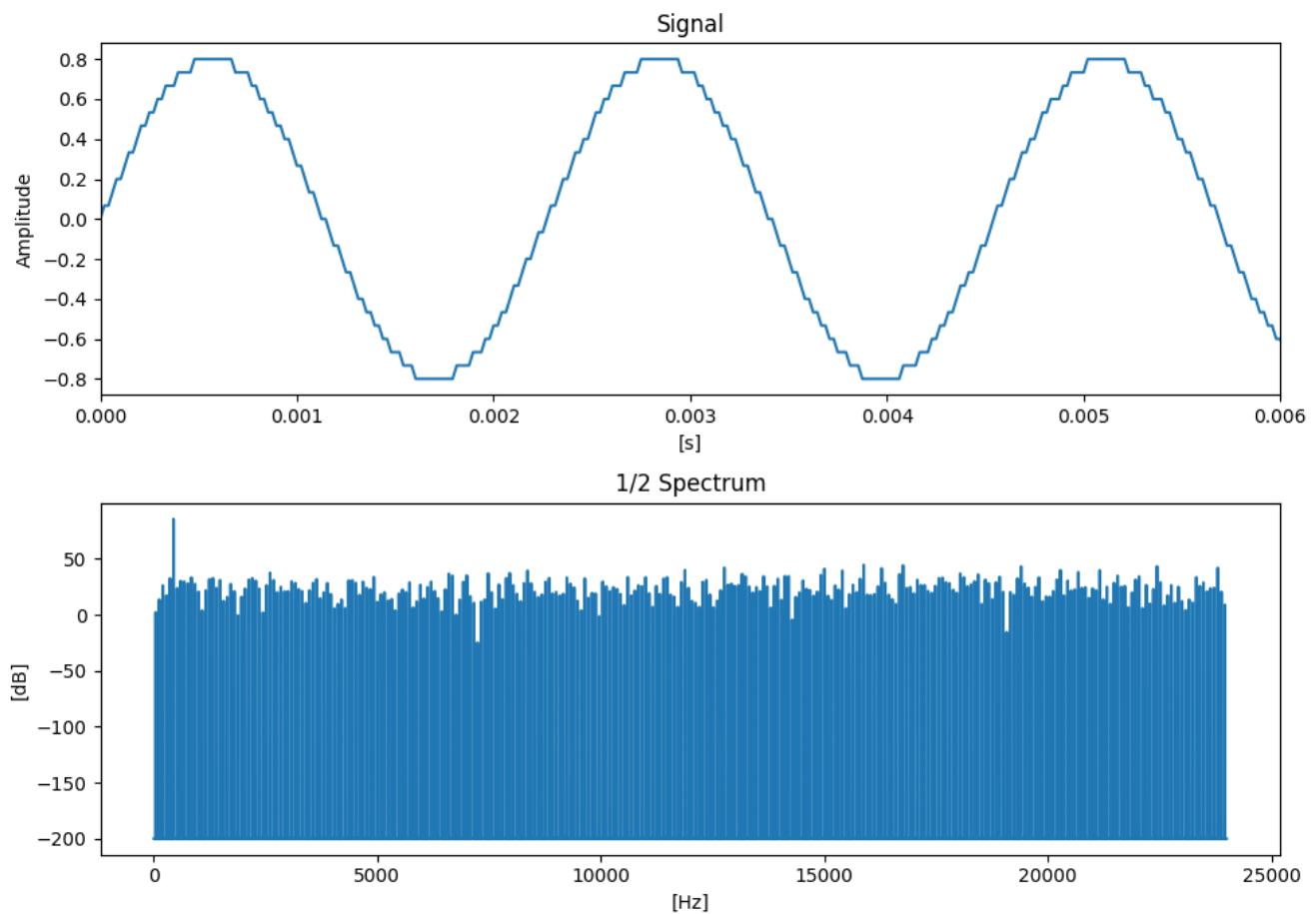


Sygnal - SIN/sin_440Hz.wav

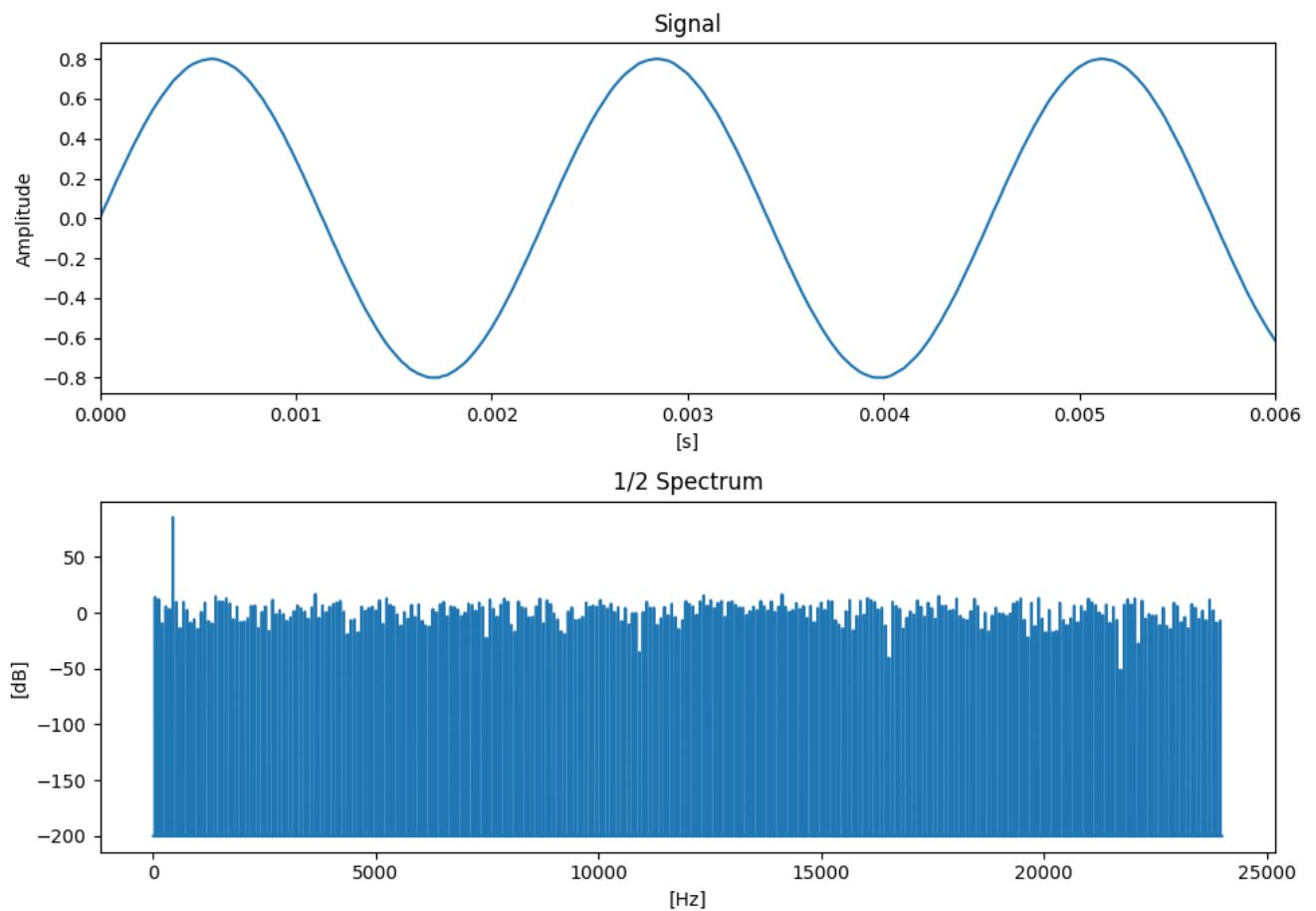
Sygnal oryginalny



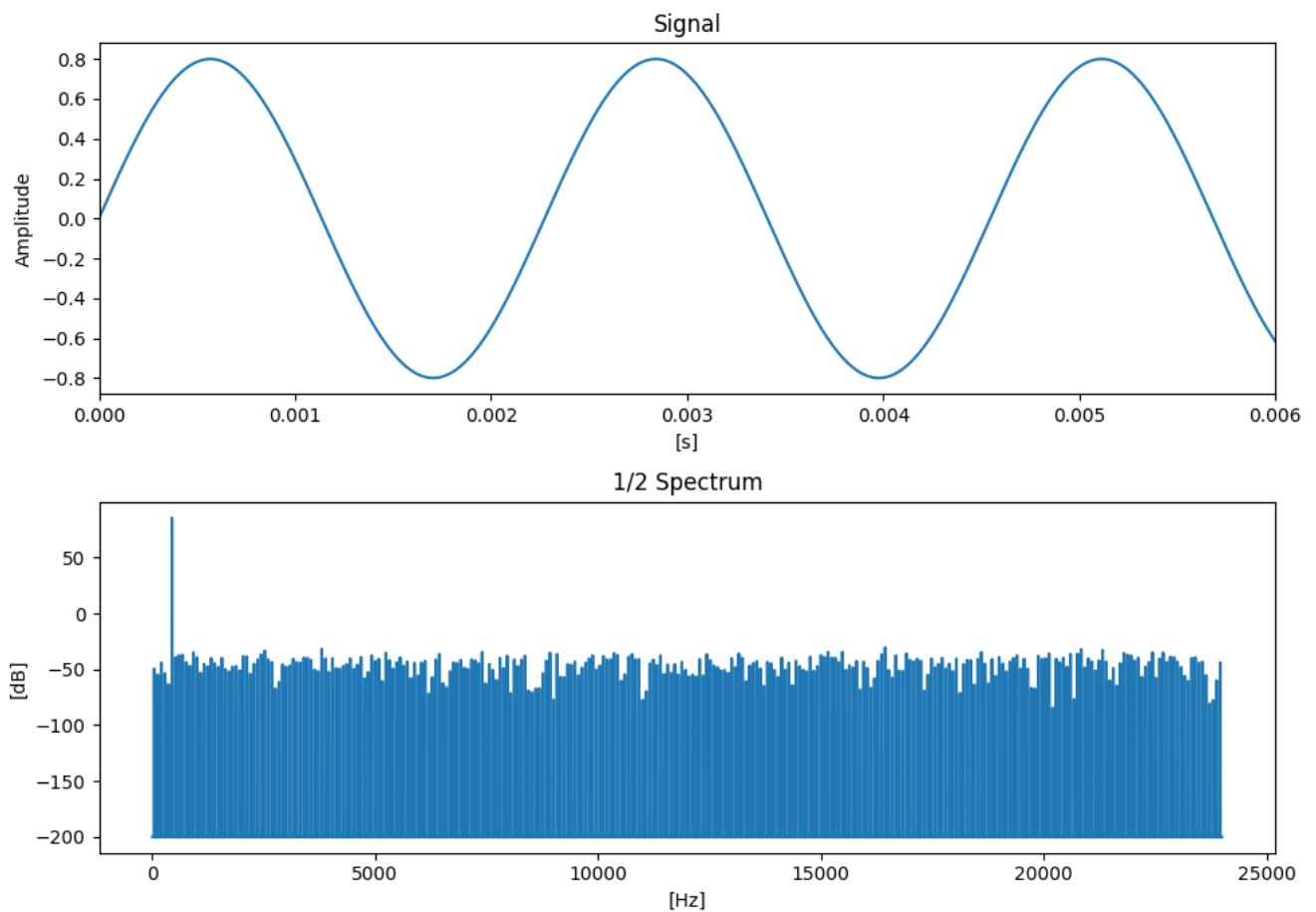
Kwantyzacja 4 bit



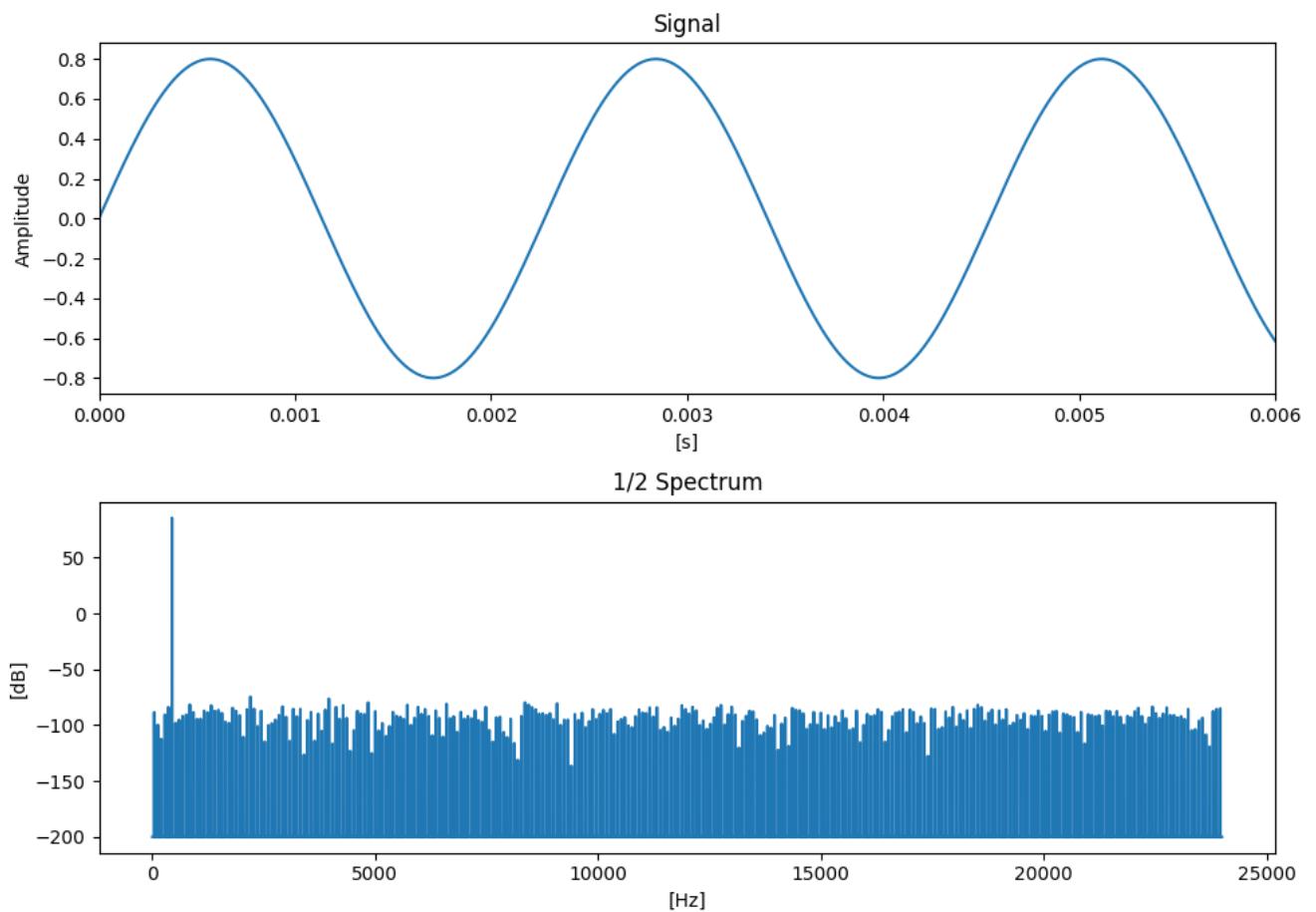
Kwantyzacja 8 bit



Kwantyzacja 16 bit

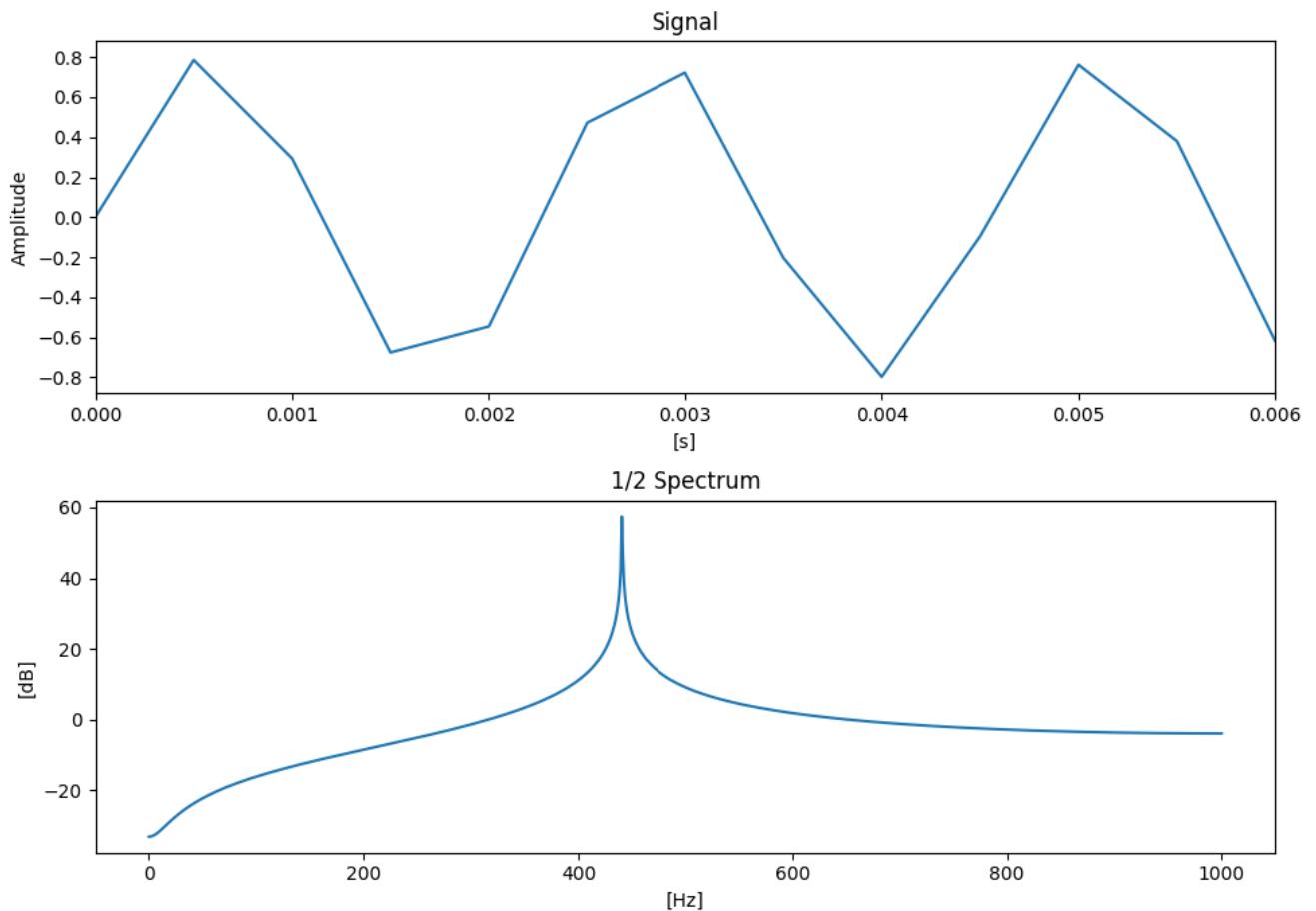


Kwantyzacja 24 bit

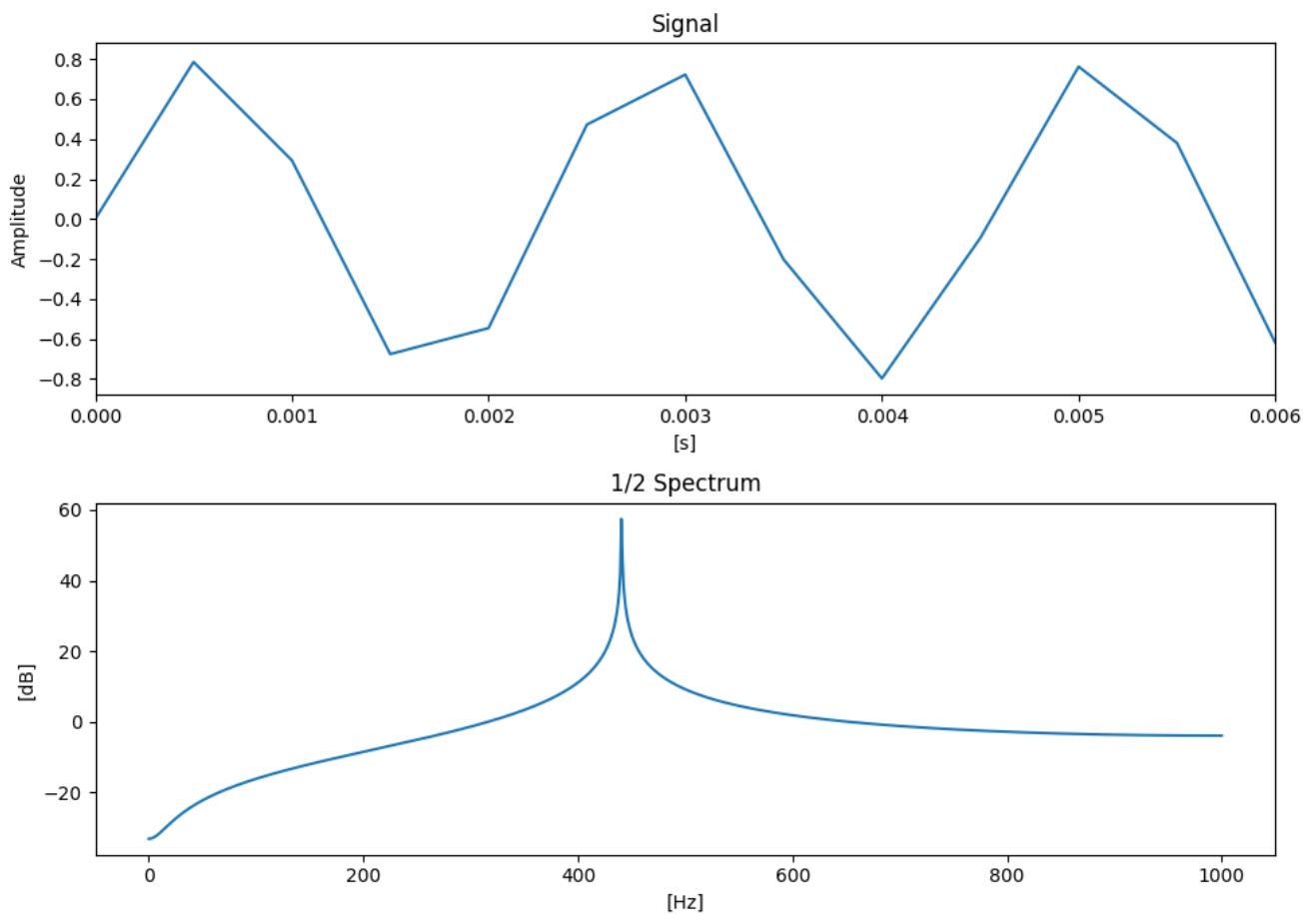


Interpolacja do 2000Hz

Metoda linear

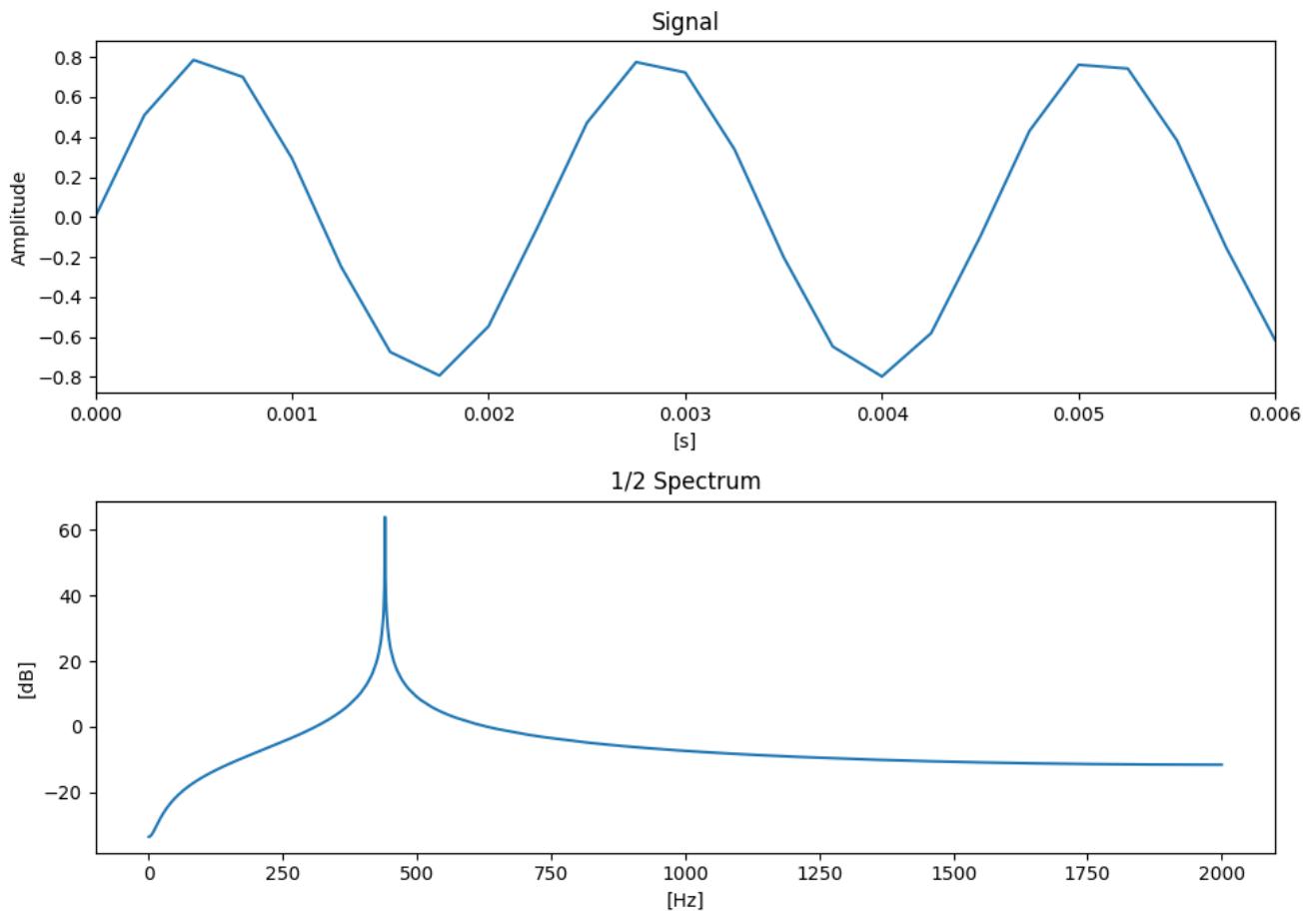


Metoda cubic

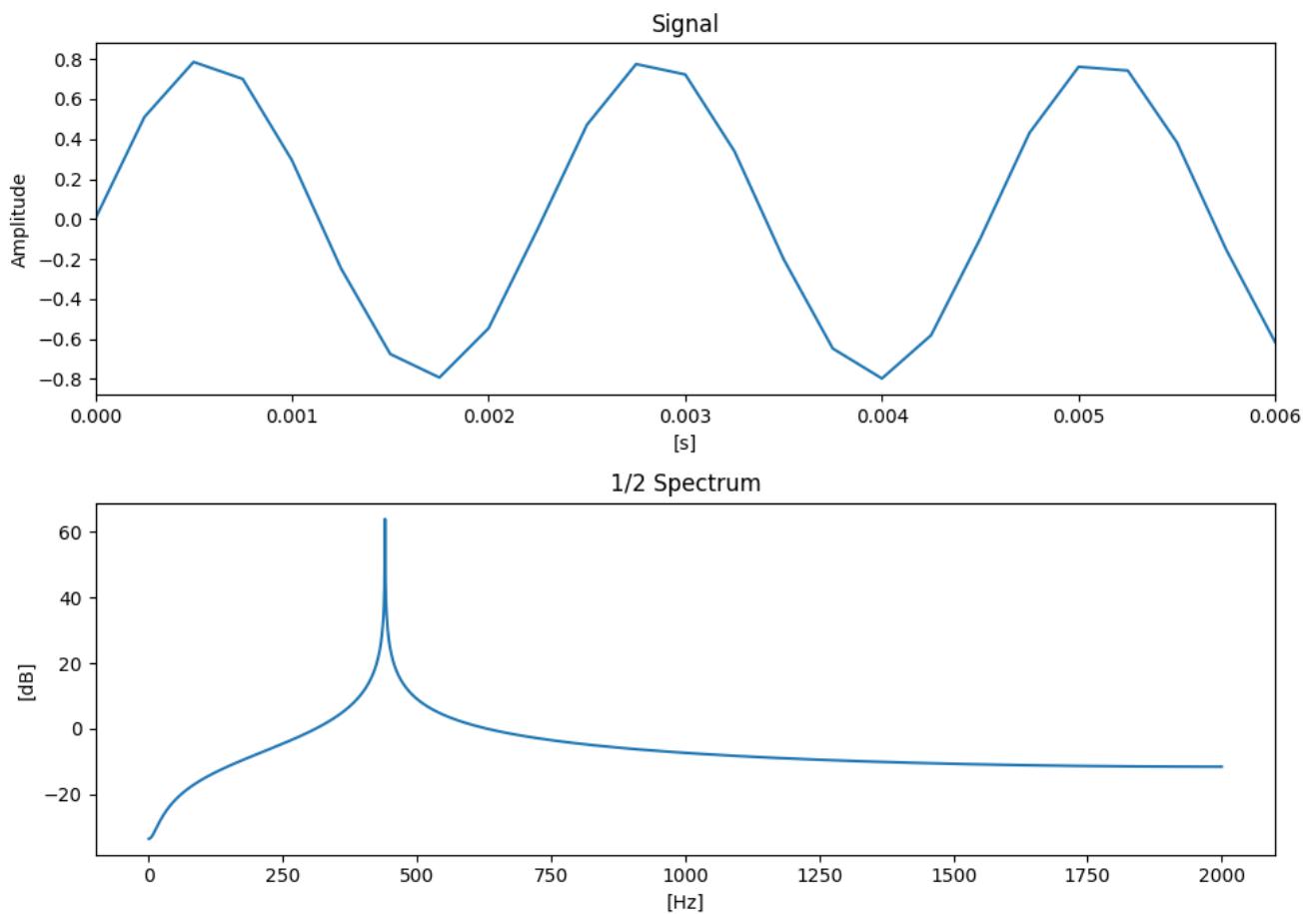


Interpolacja do 4000Hz

Metoda linear

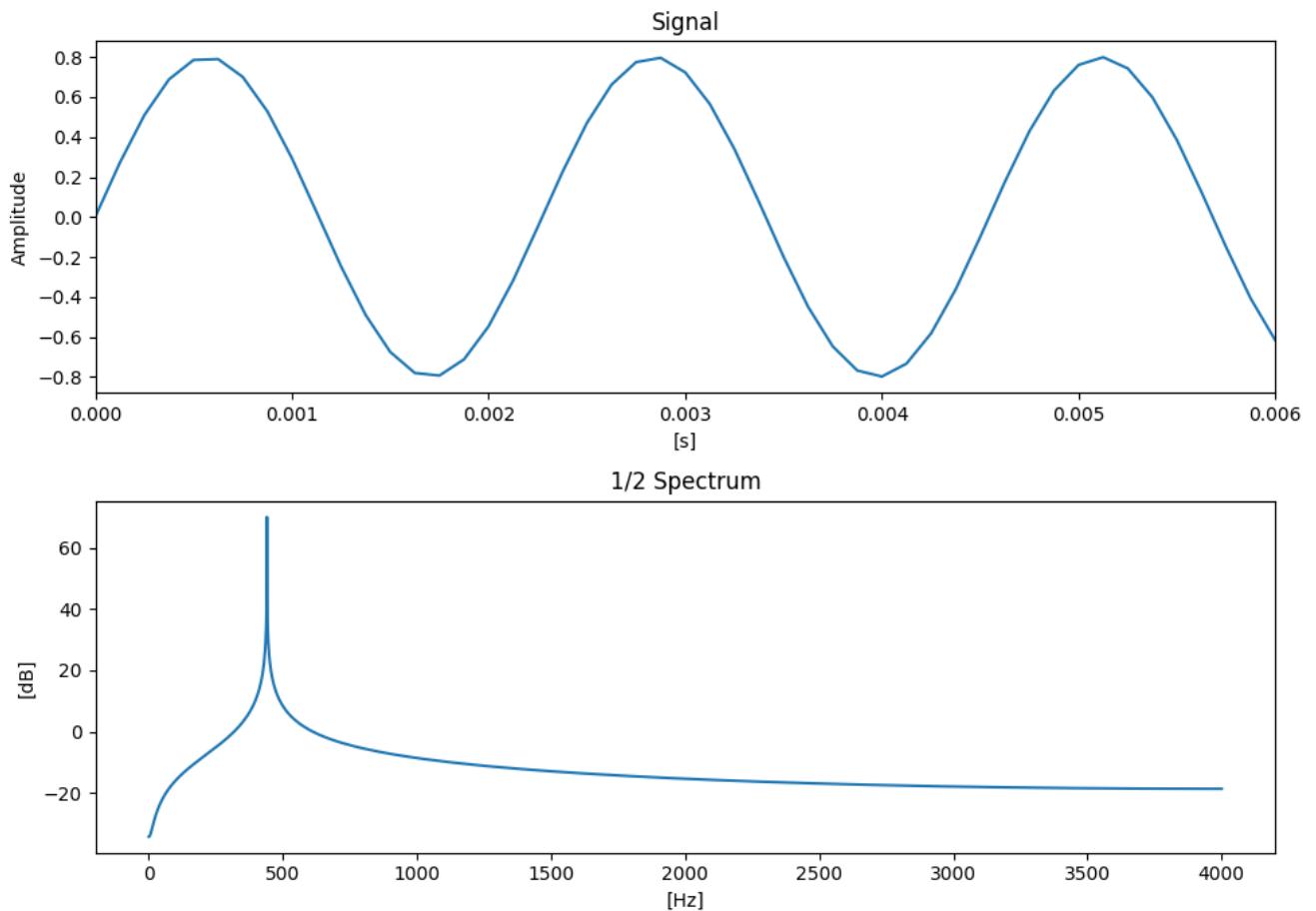


Metoda cubic

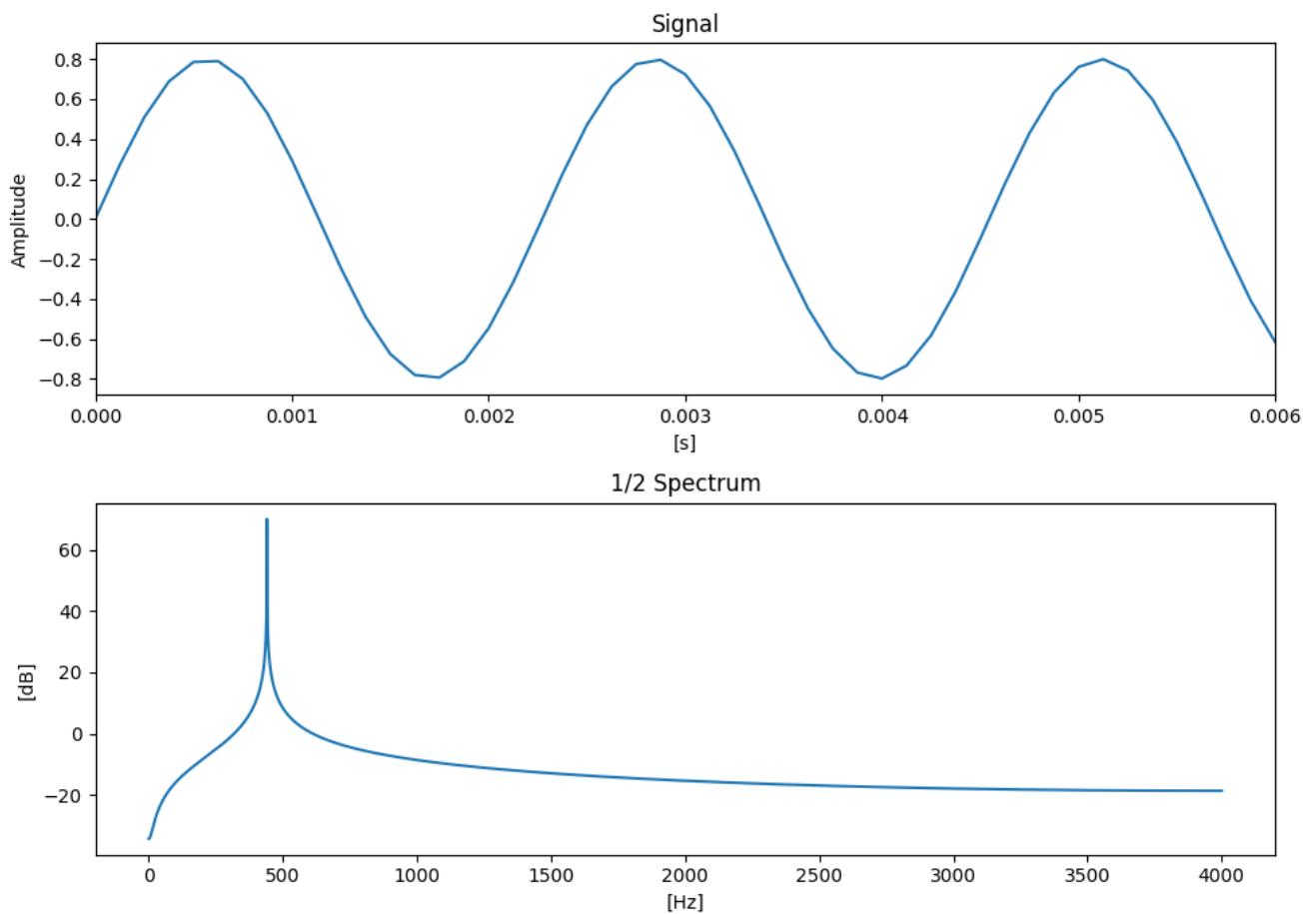


Interpolacja do 8000Hz

Metoda linear

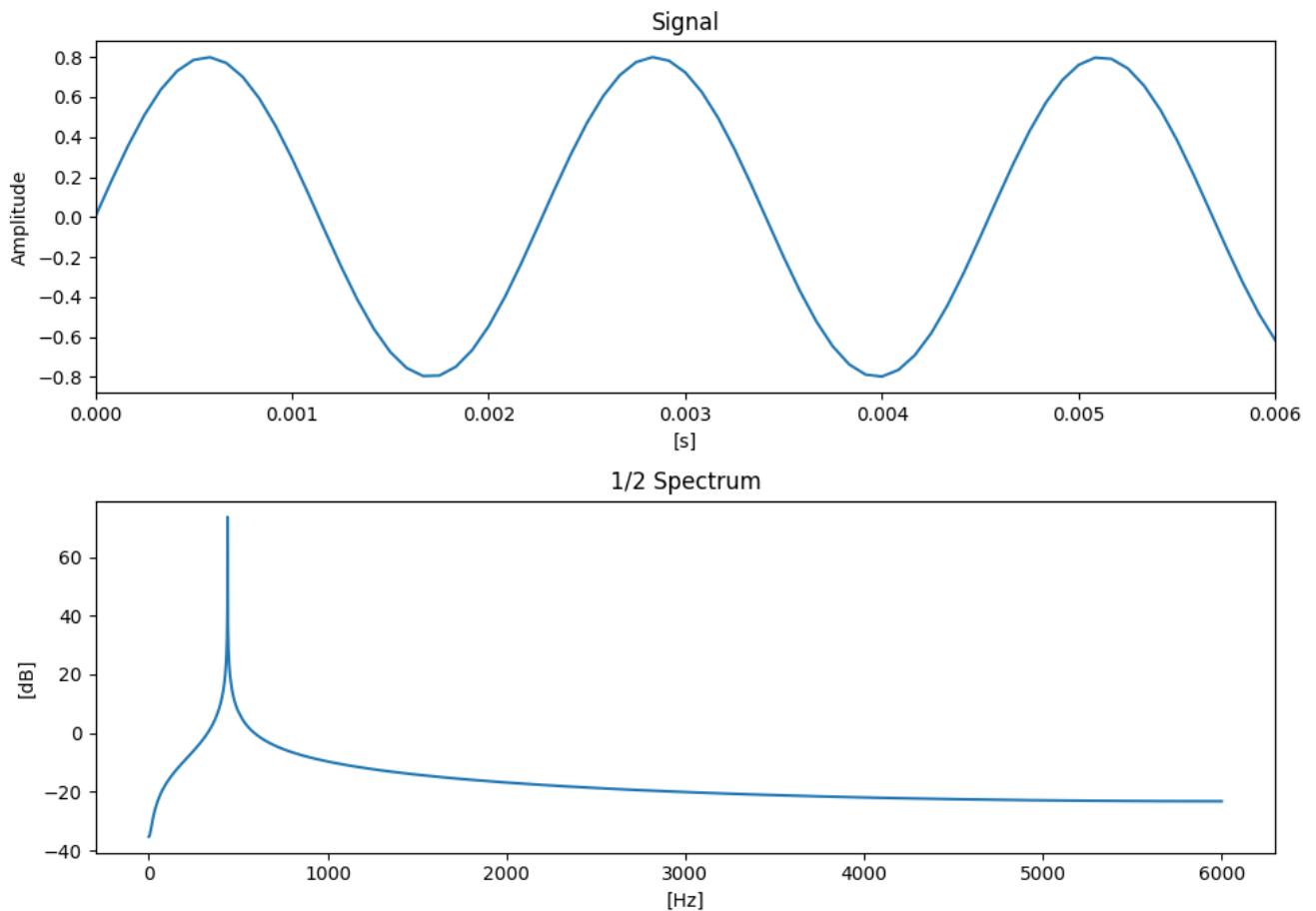


Metoda cubic

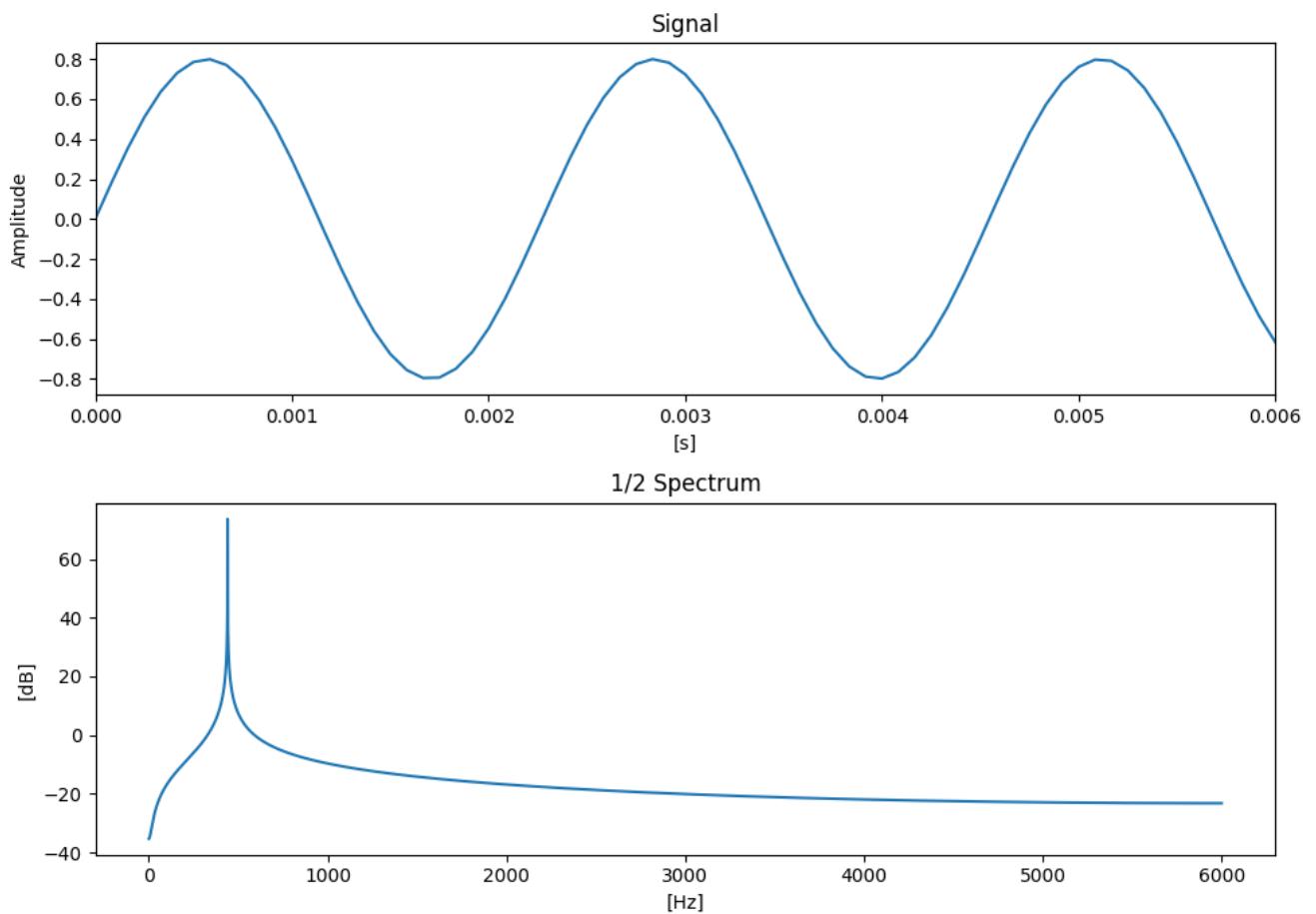


Interpolacja do 11999Hz

Metoda linear

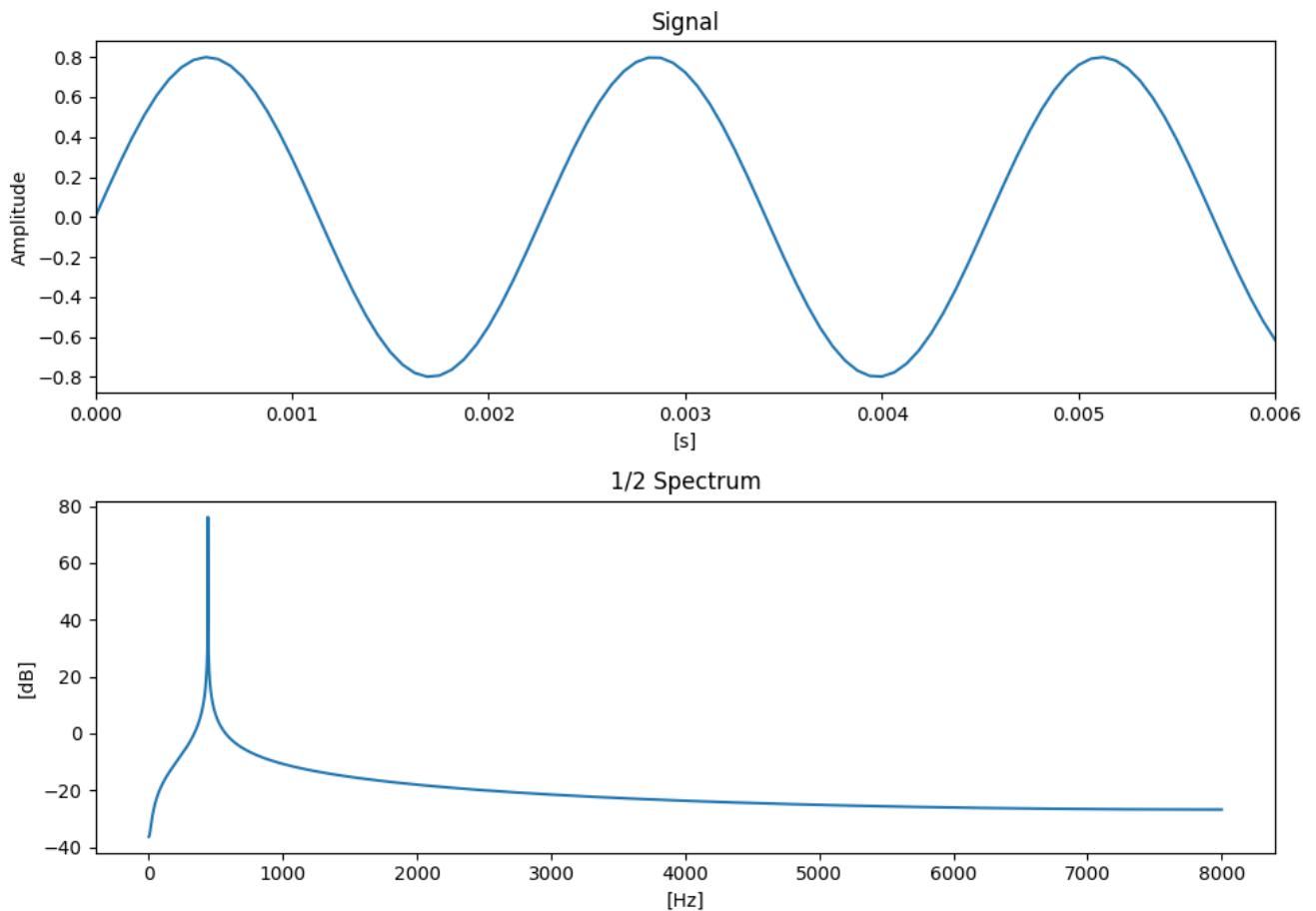


Metoda cubic

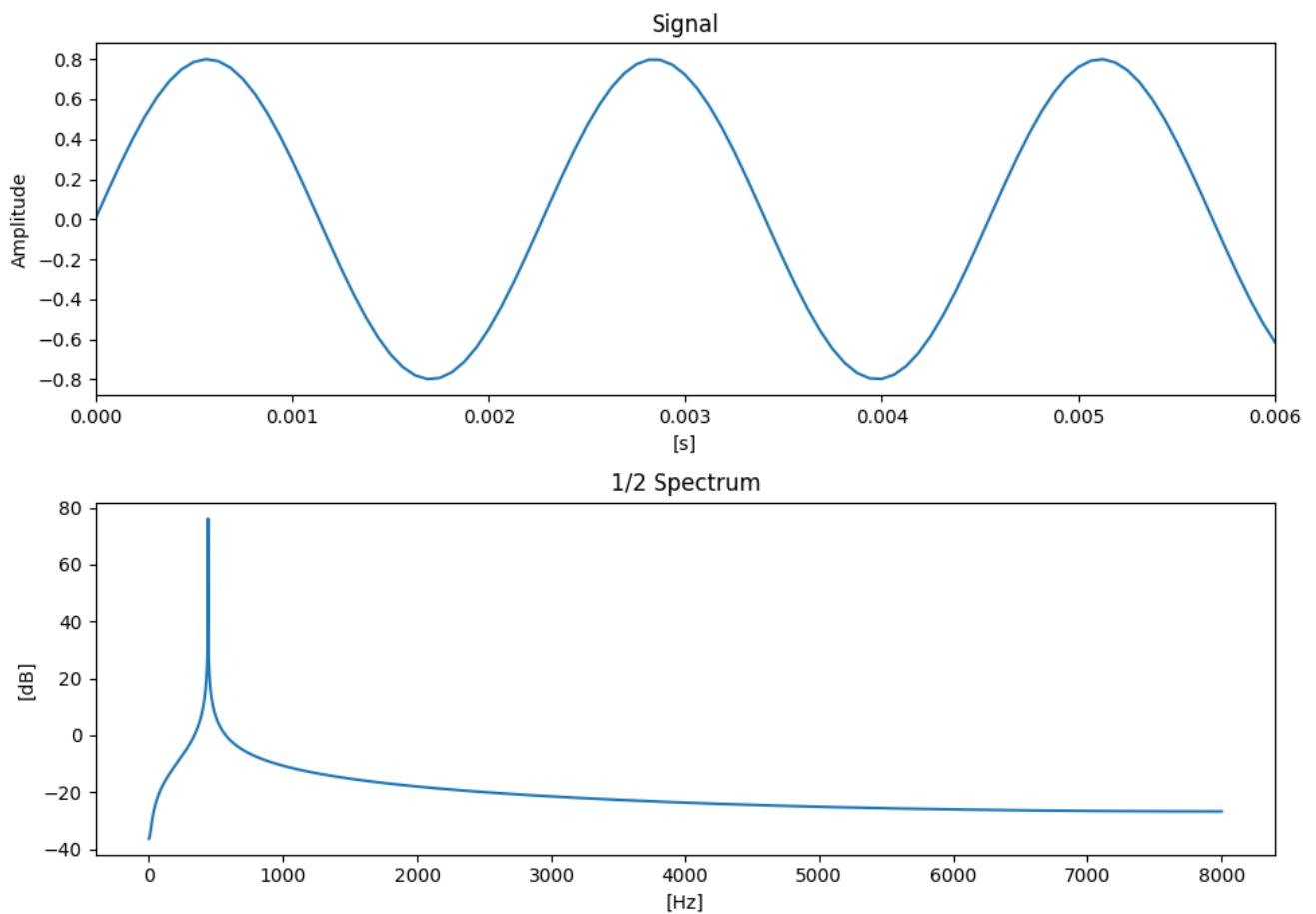


Interpolacja do 16000Hz

Metoda linear

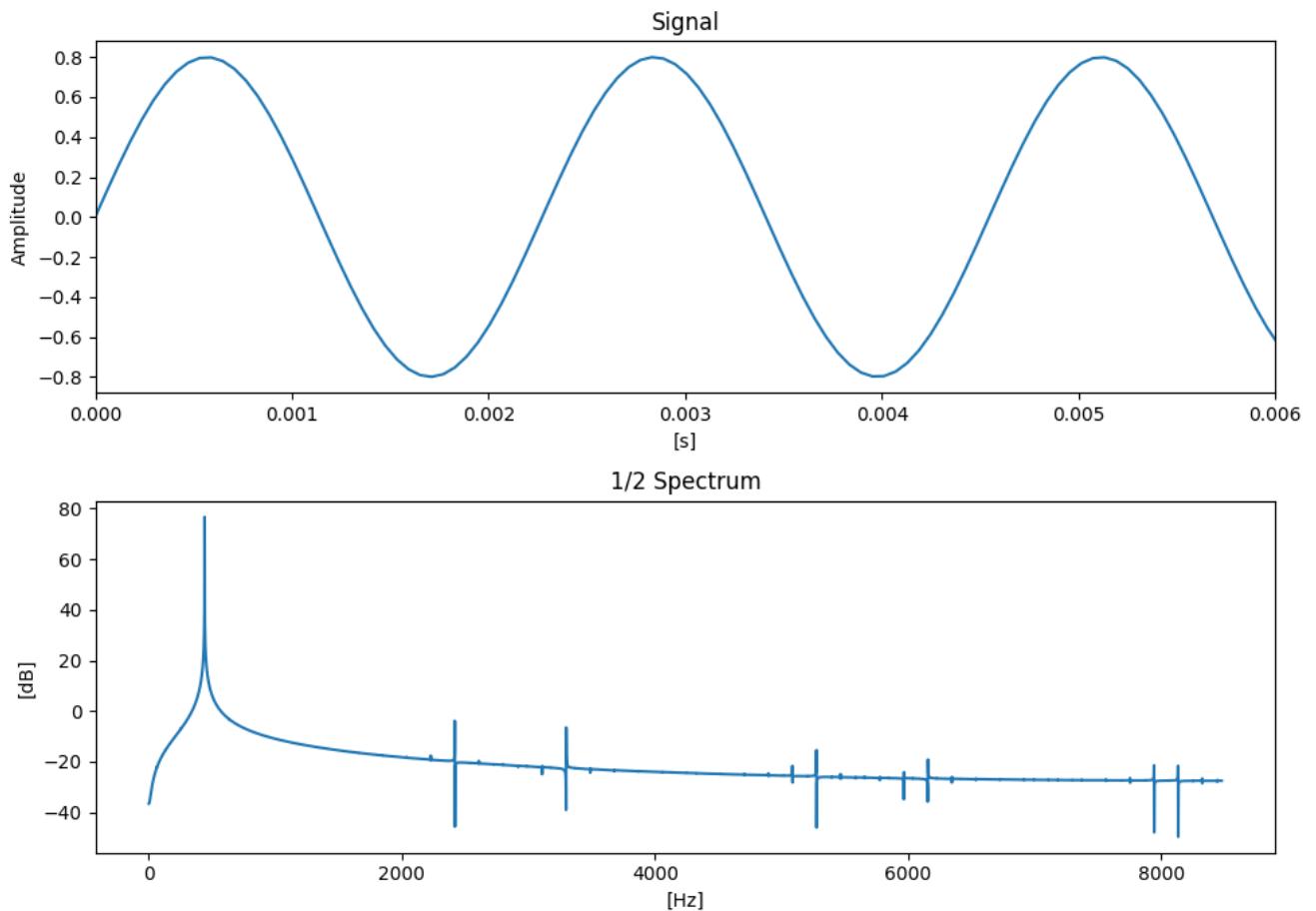


Metoda cubic

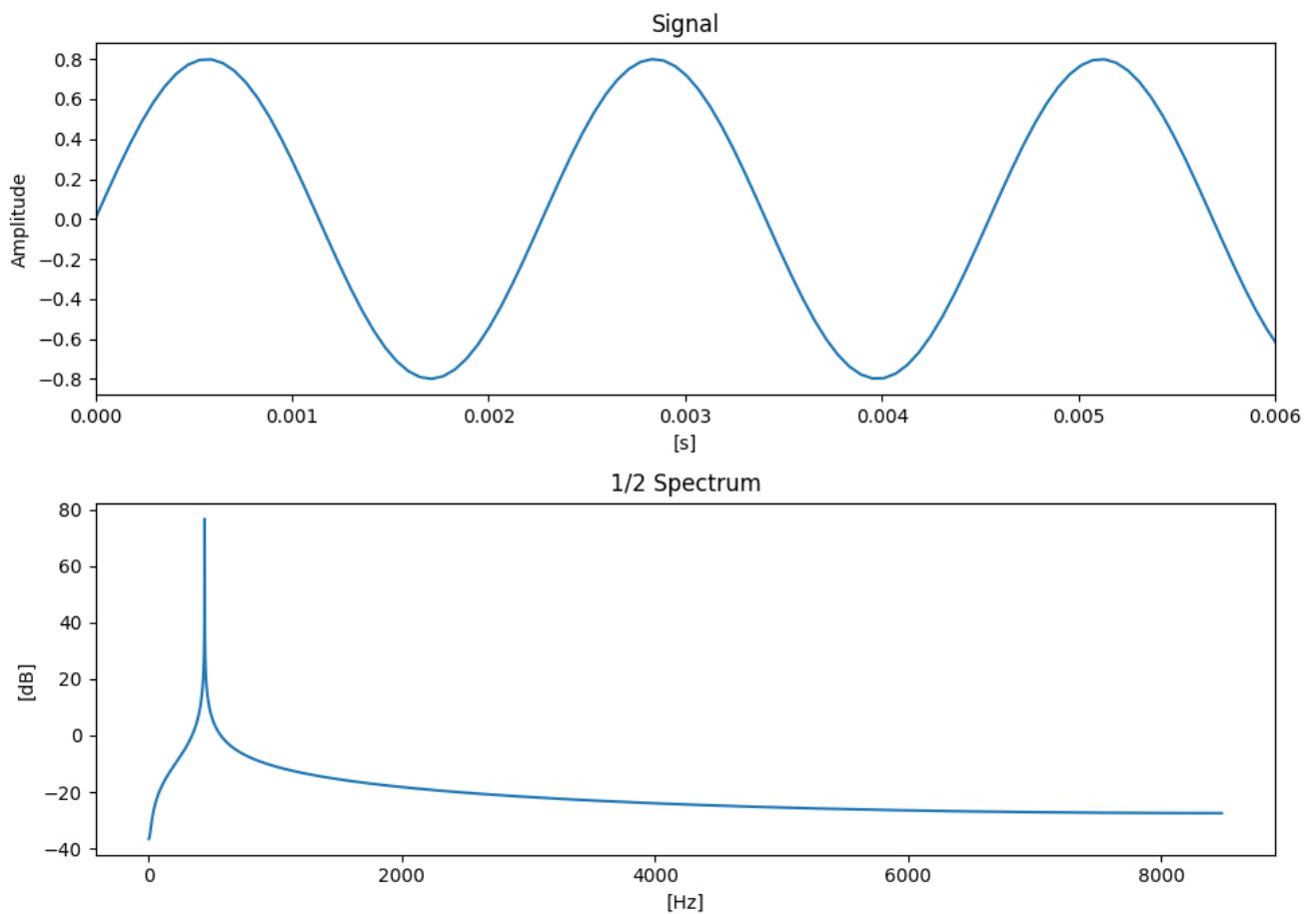


Interpolacja do 16953Hz

Metoda linear

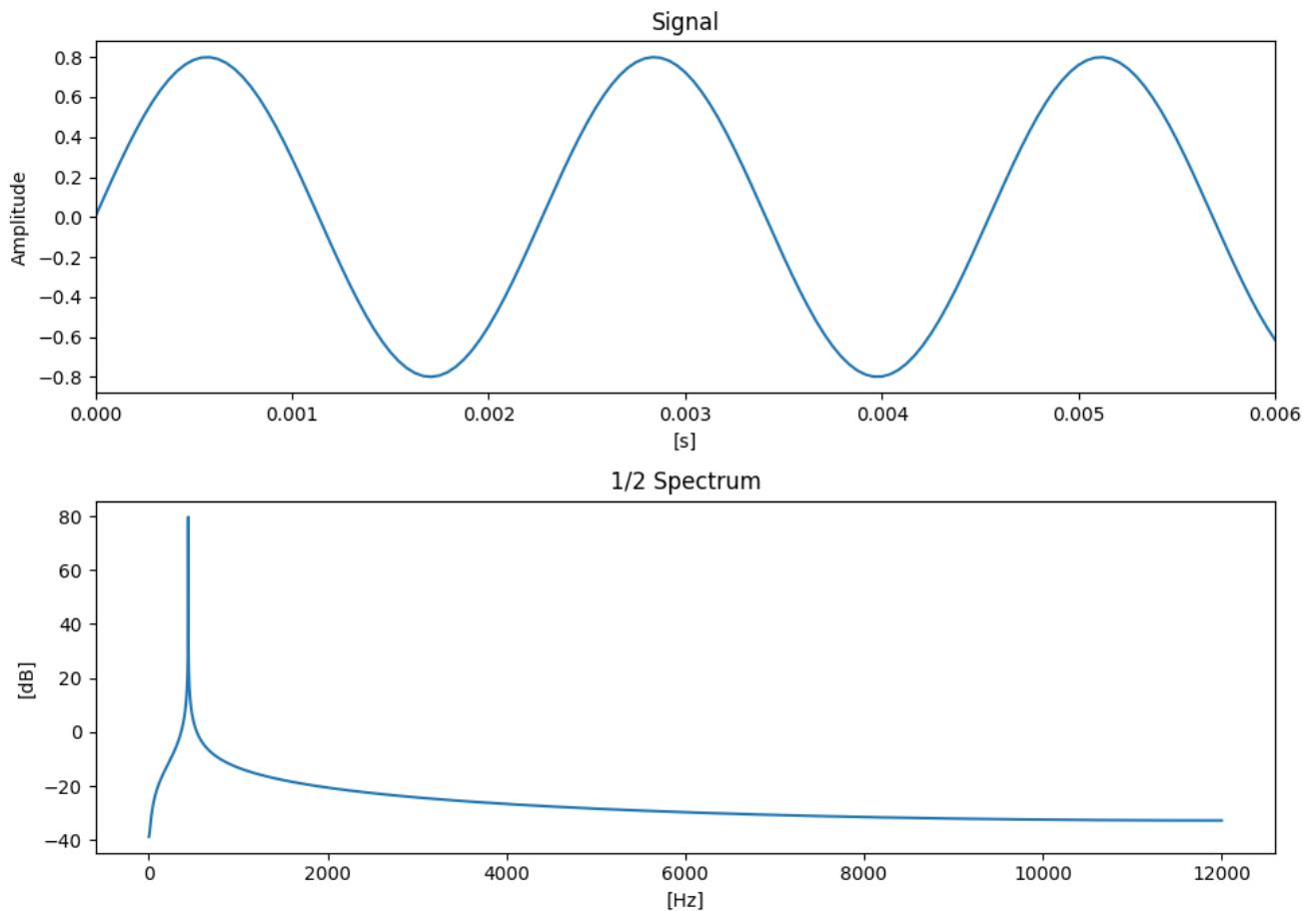


Metoda cubic

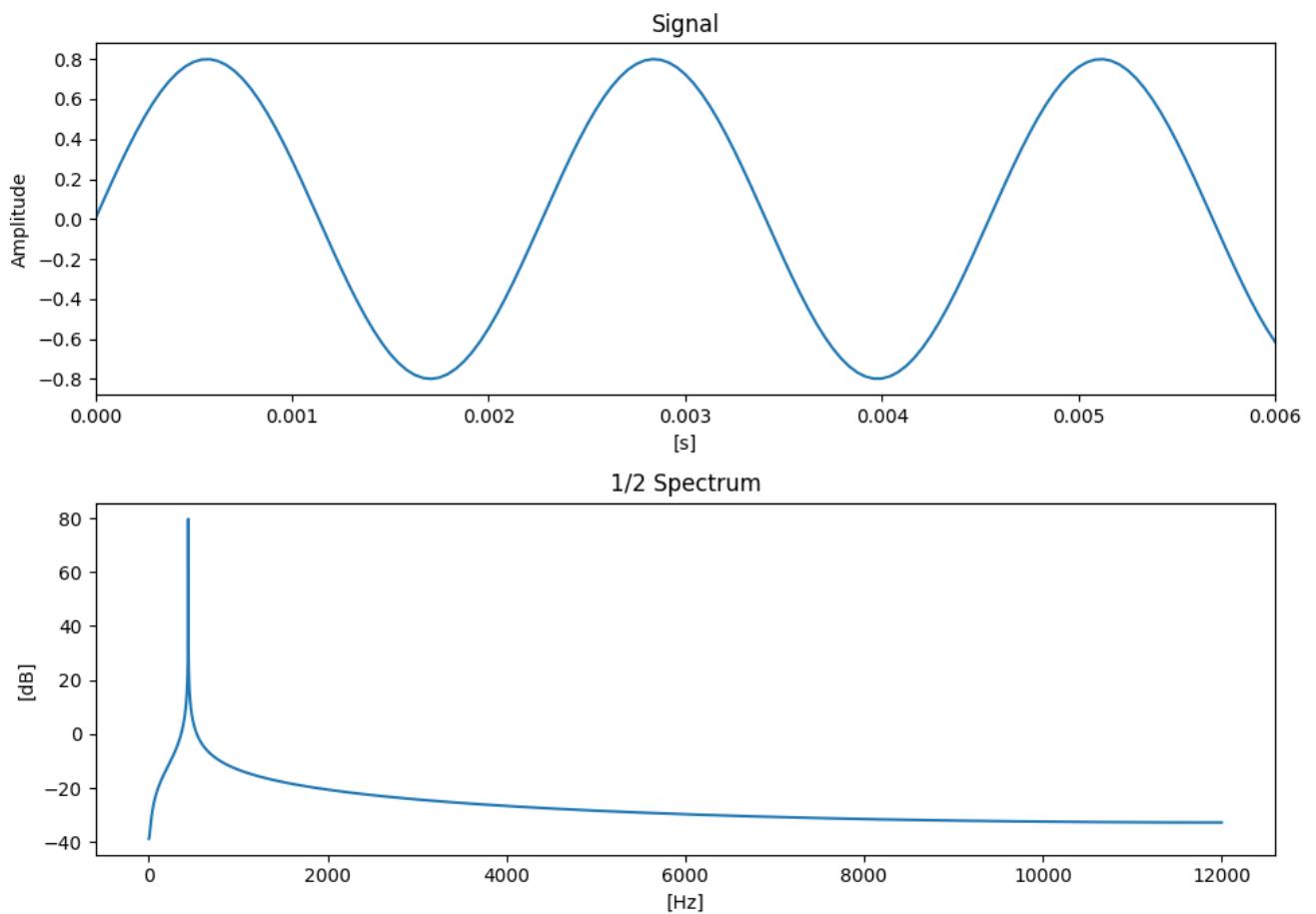


Interpolacja do 24000Hz

Metoda linear

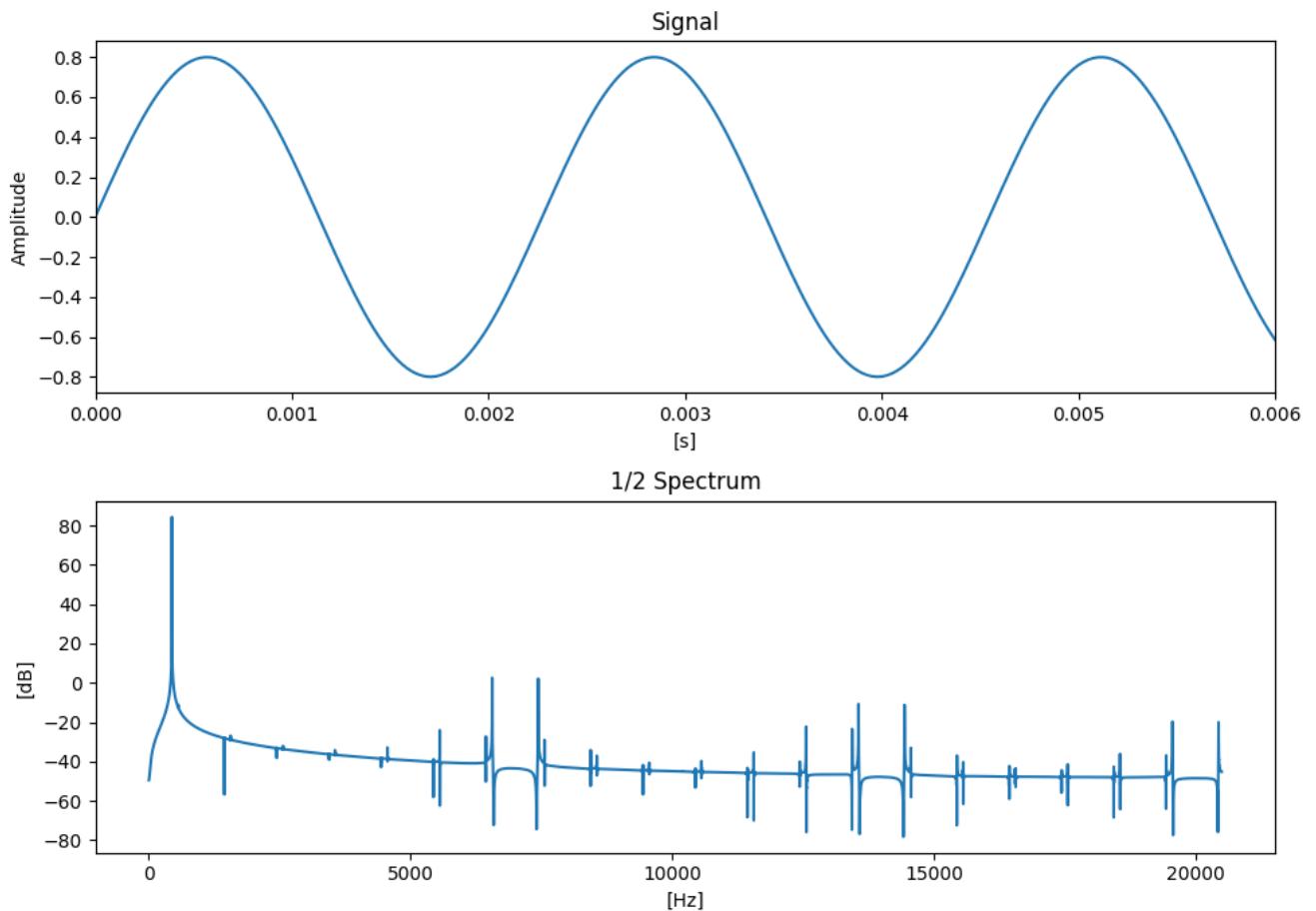


Metoda cubic

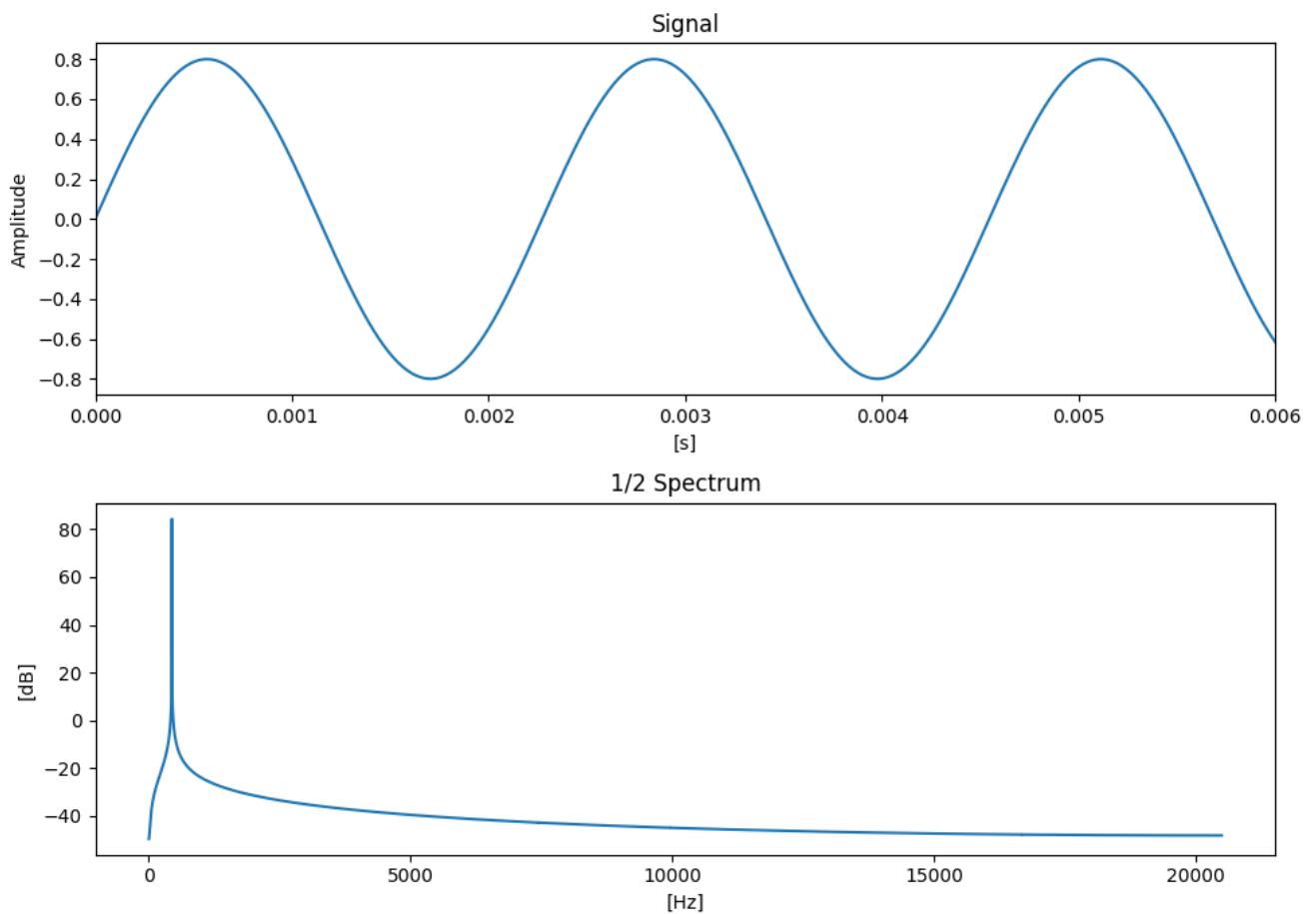


Interpolacja do 41000Hz

Metoda linear

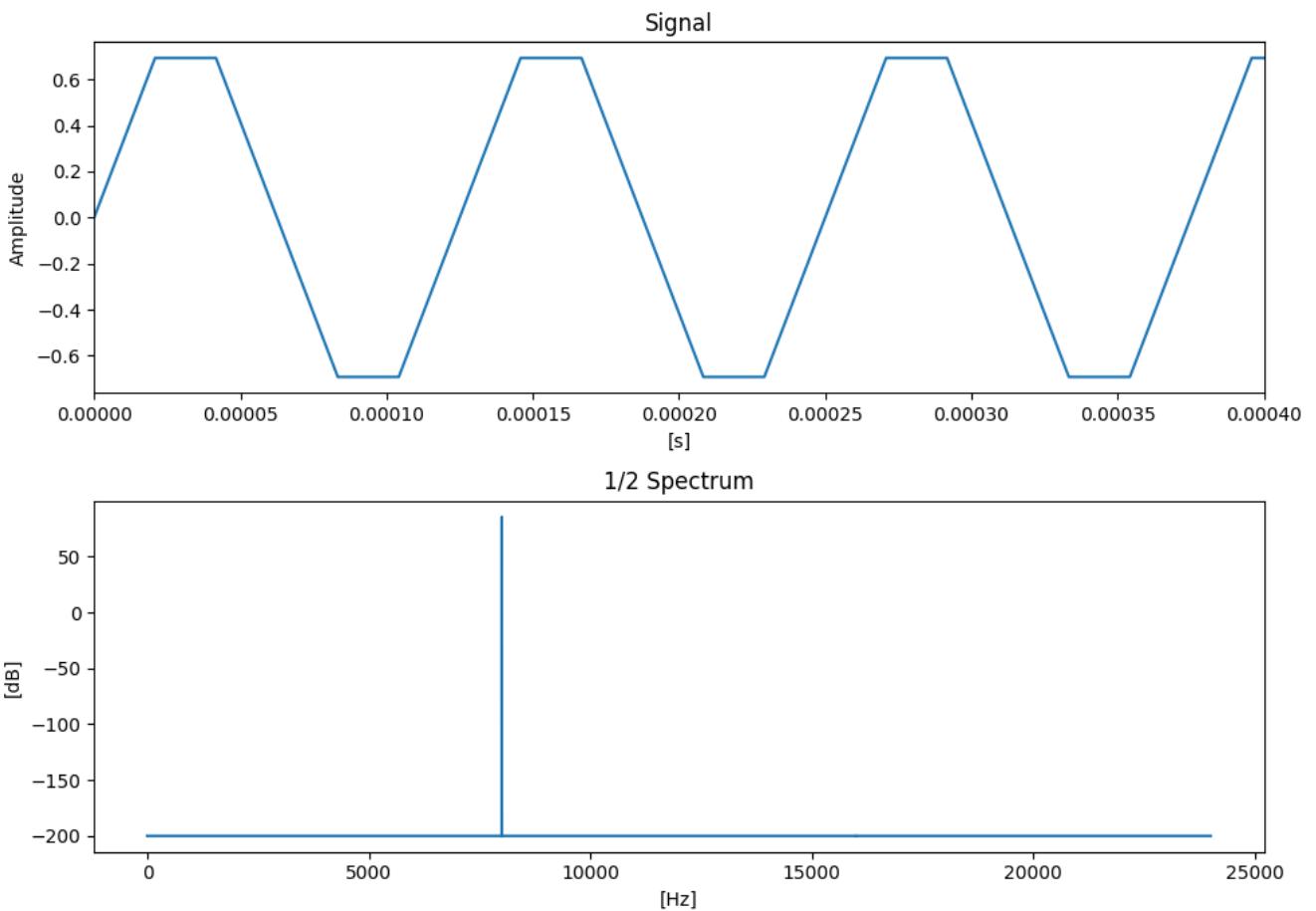


Metoda cubic

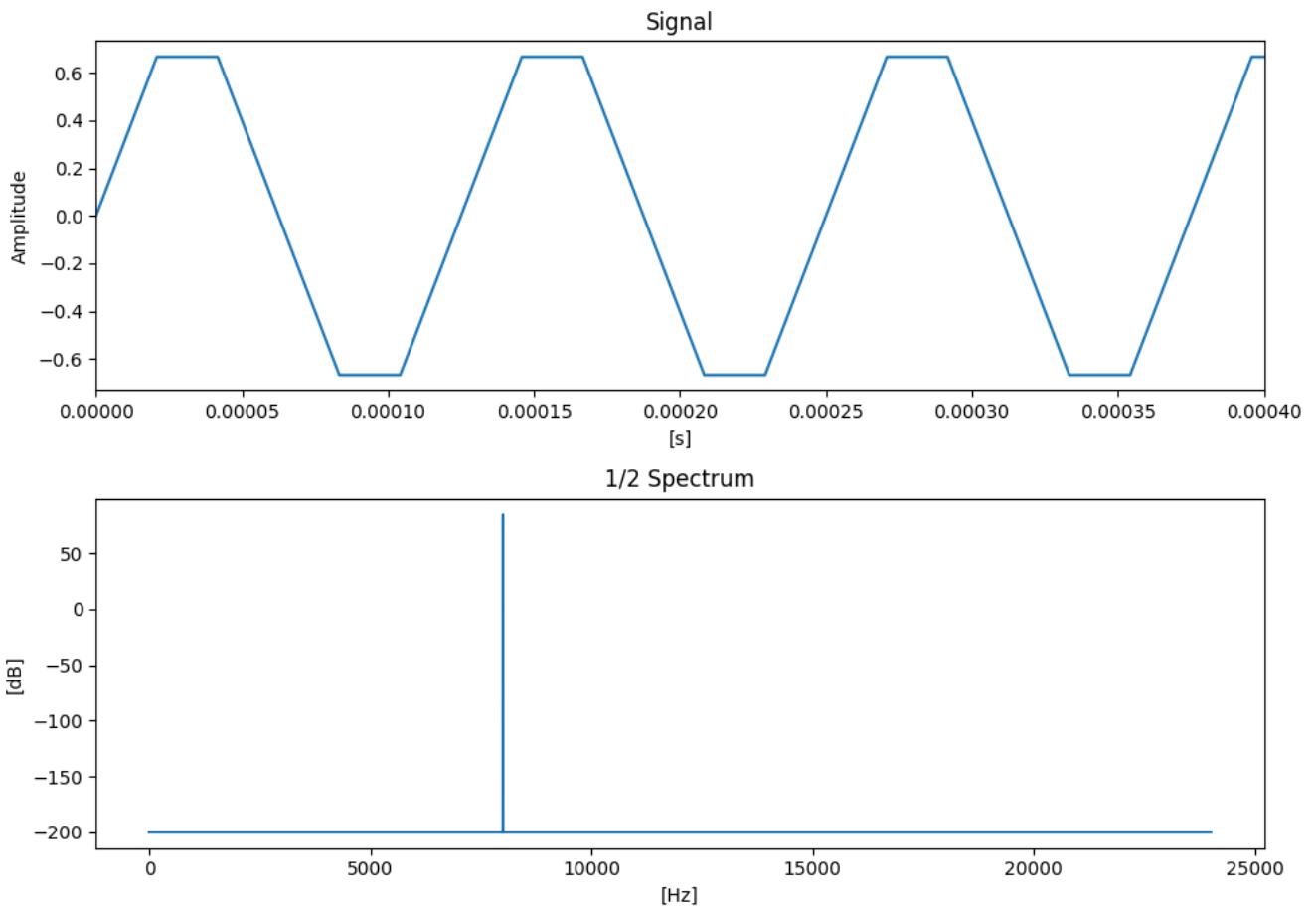


Sygnal - SIN/sin_8000Hz.wav

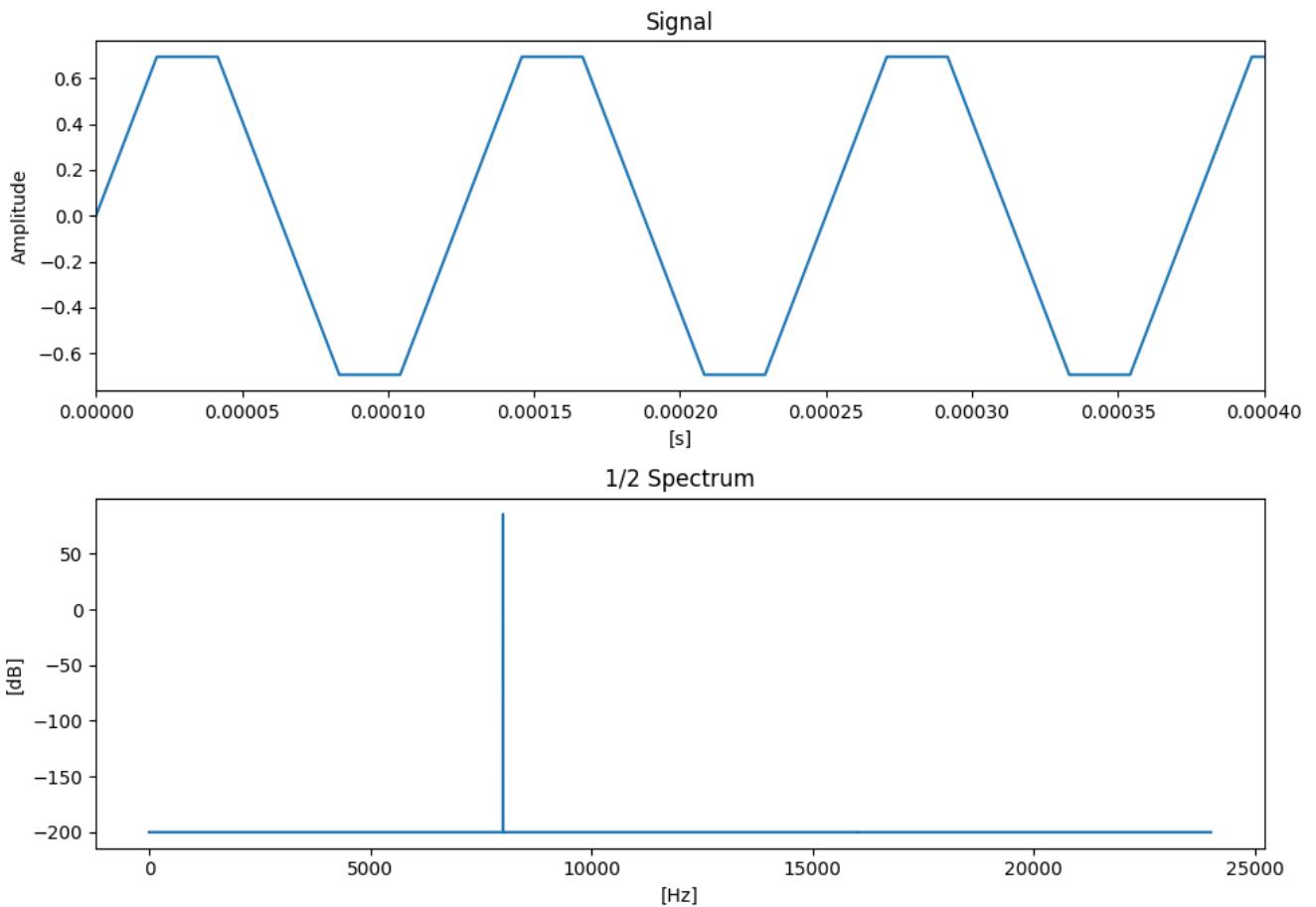
Sygnal oryginalny



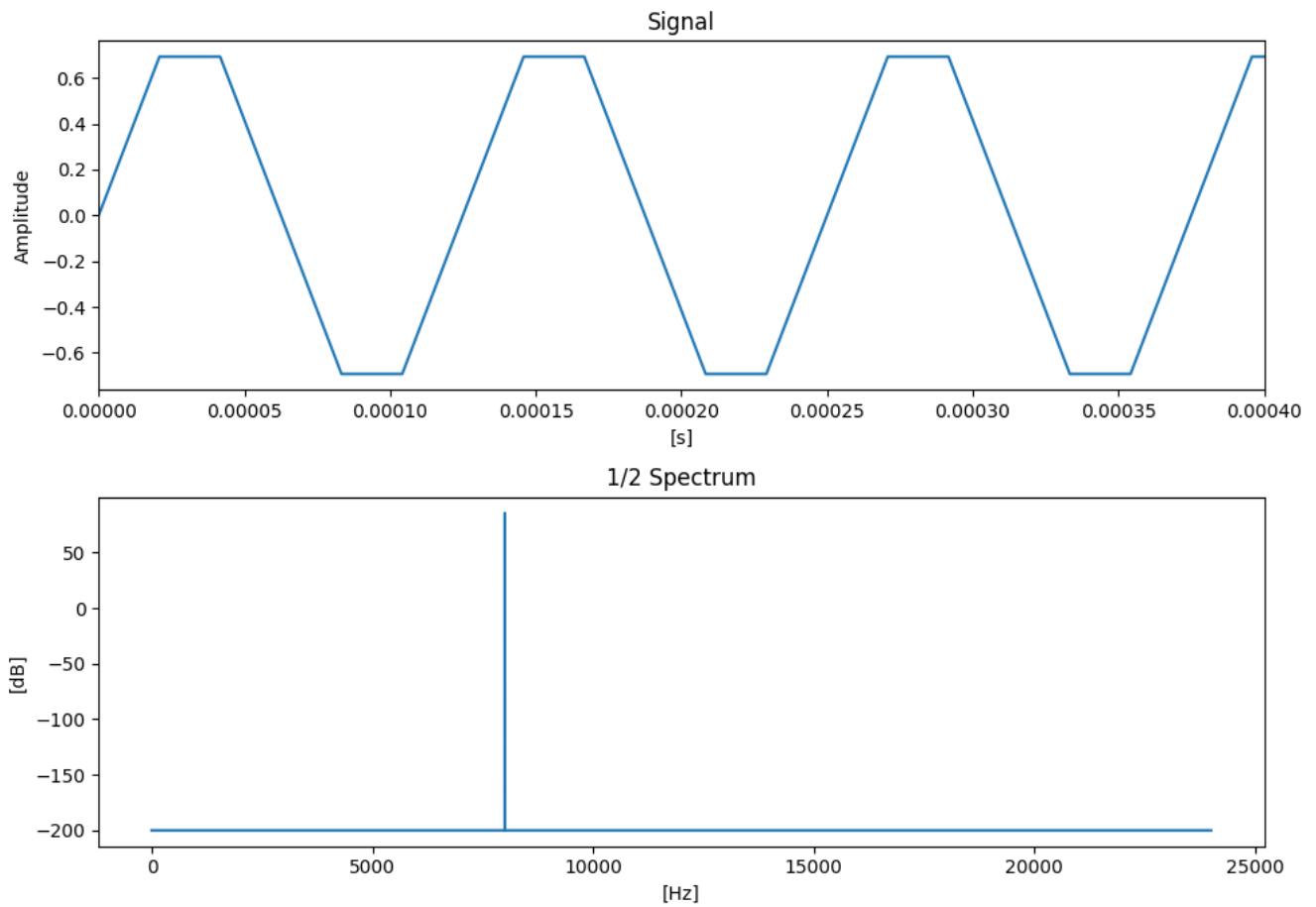
Kwantyzacja 4 bit



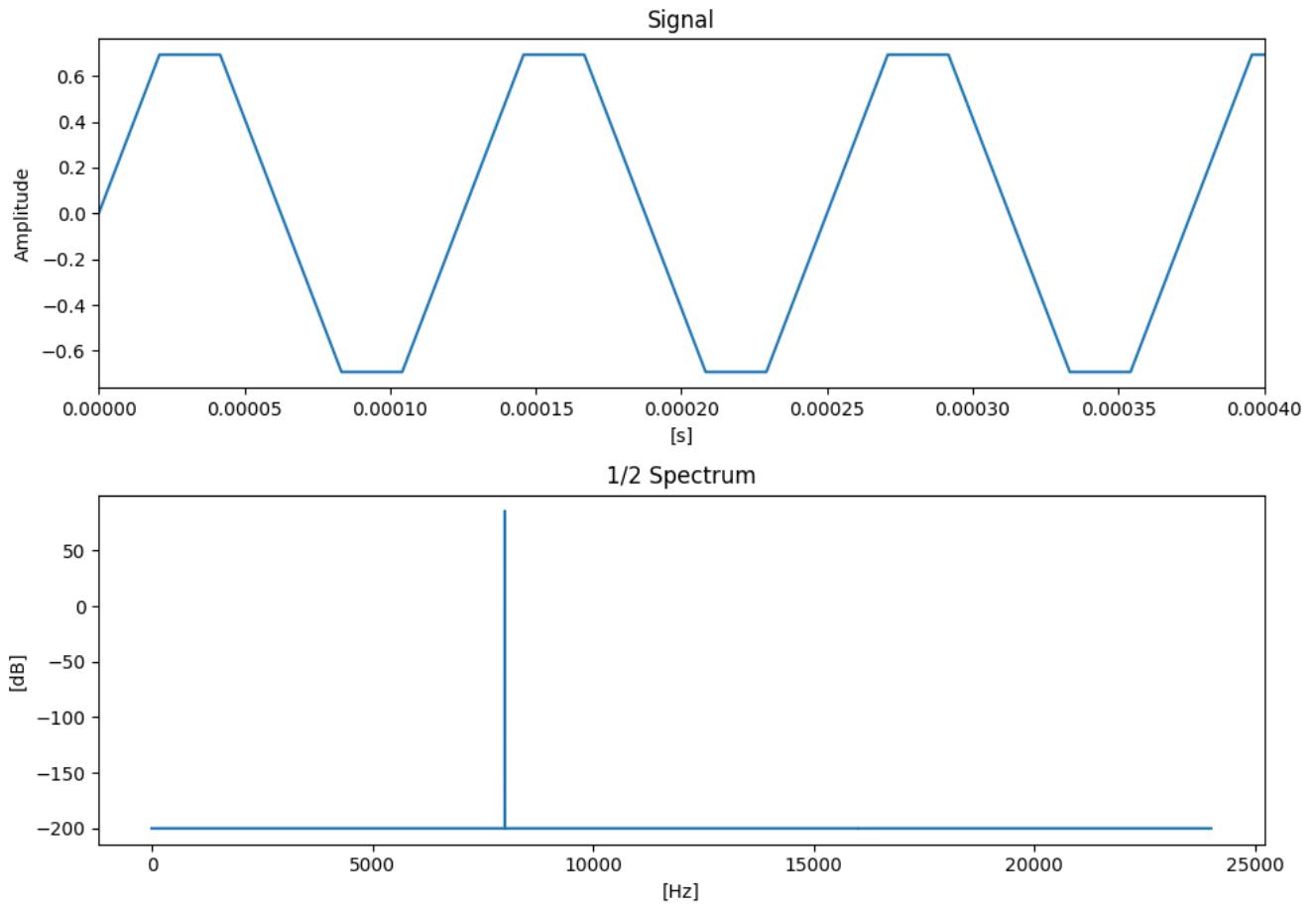
Kwantyzacja 8 bit



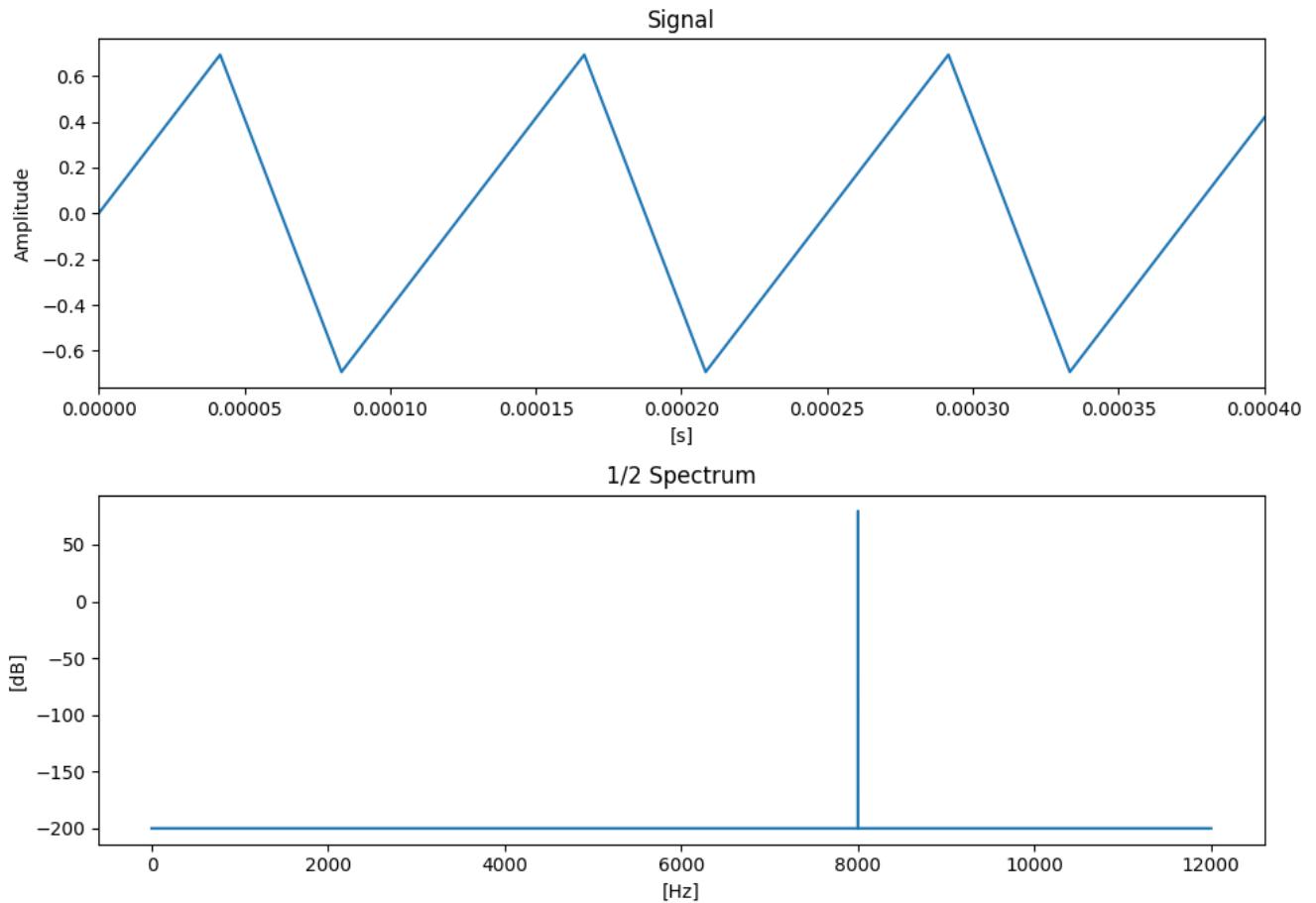
Kwantyzacja 16 bit



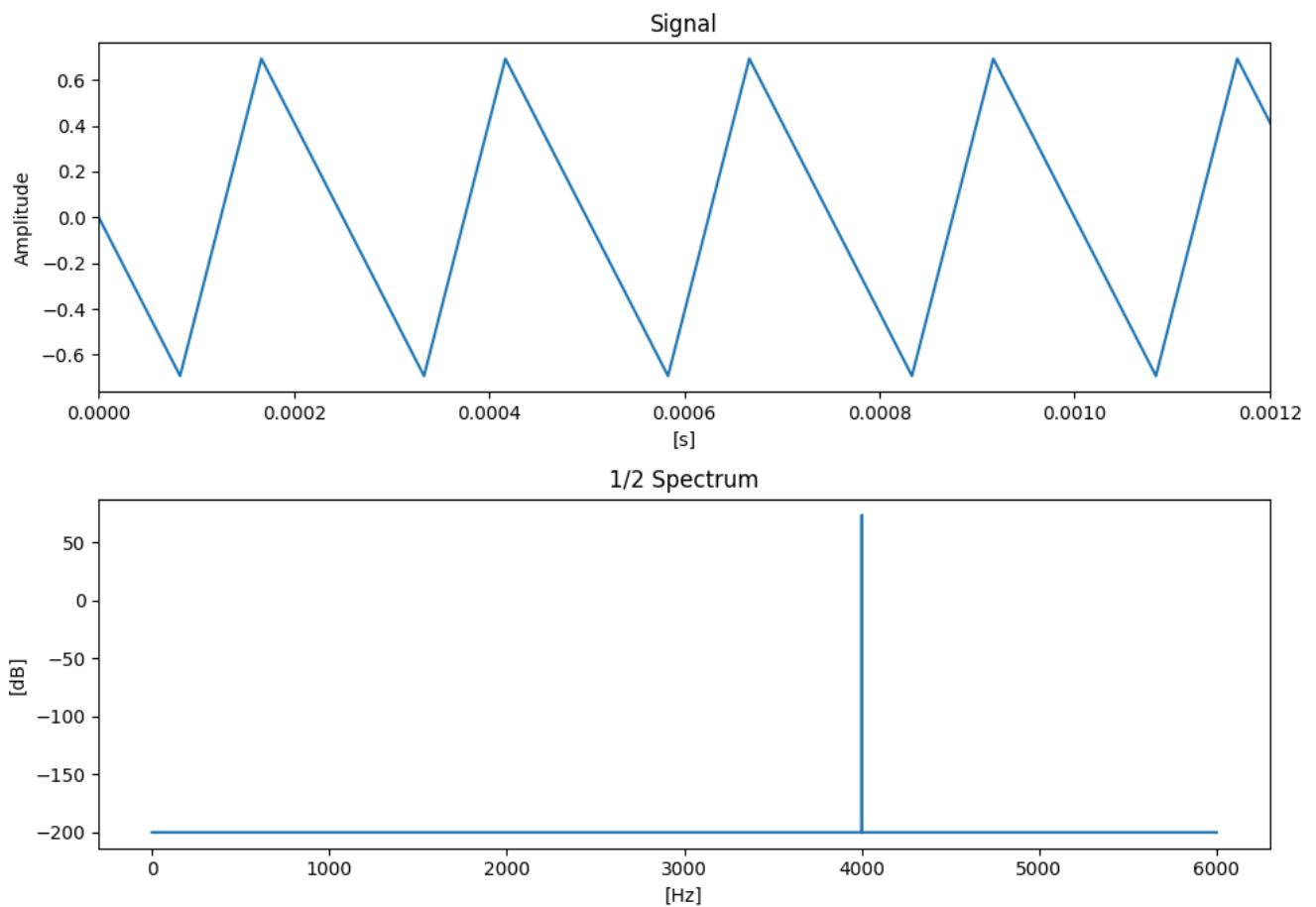
Kwantyzacja 24 bit



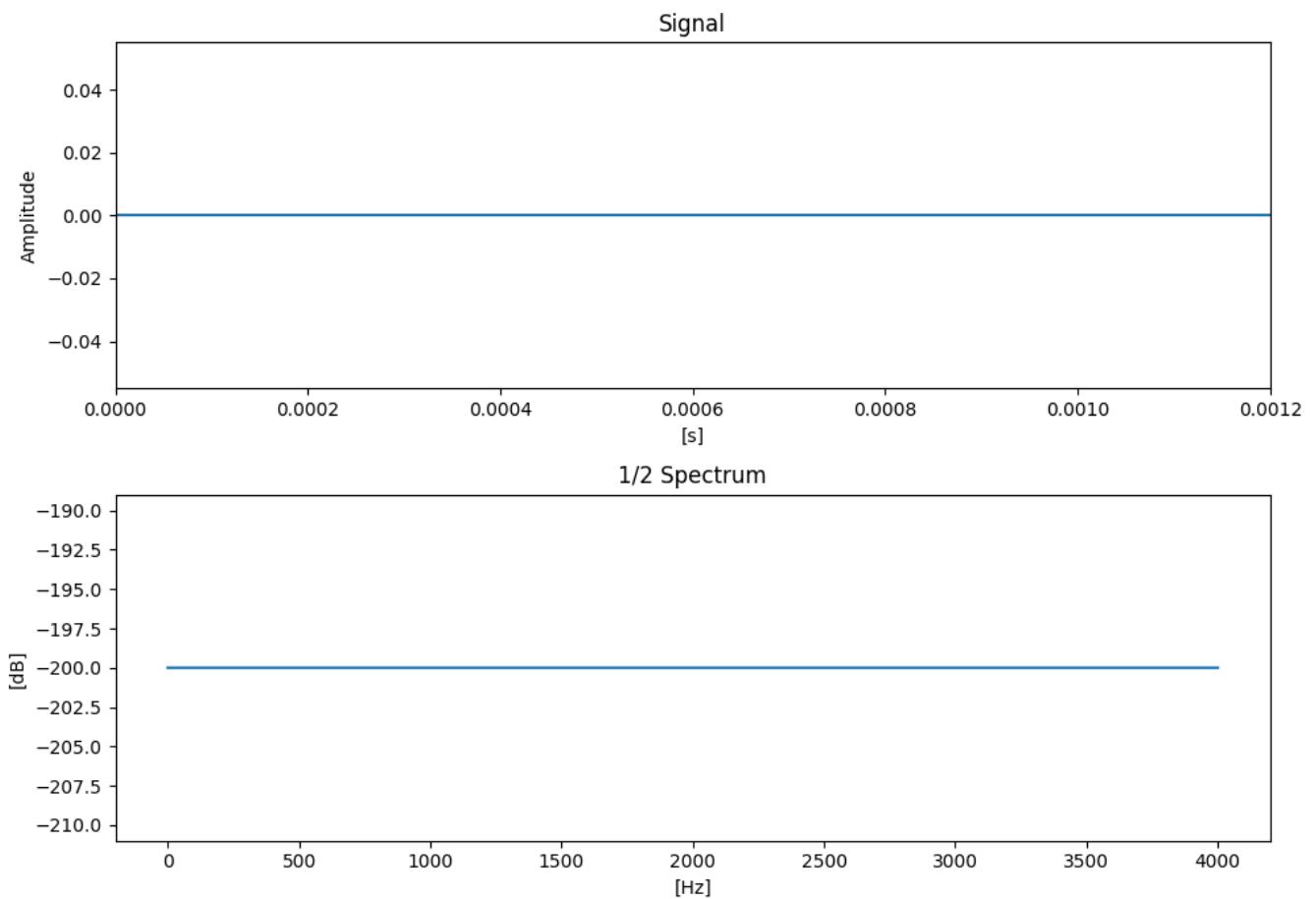
Decymacja 2 kroki



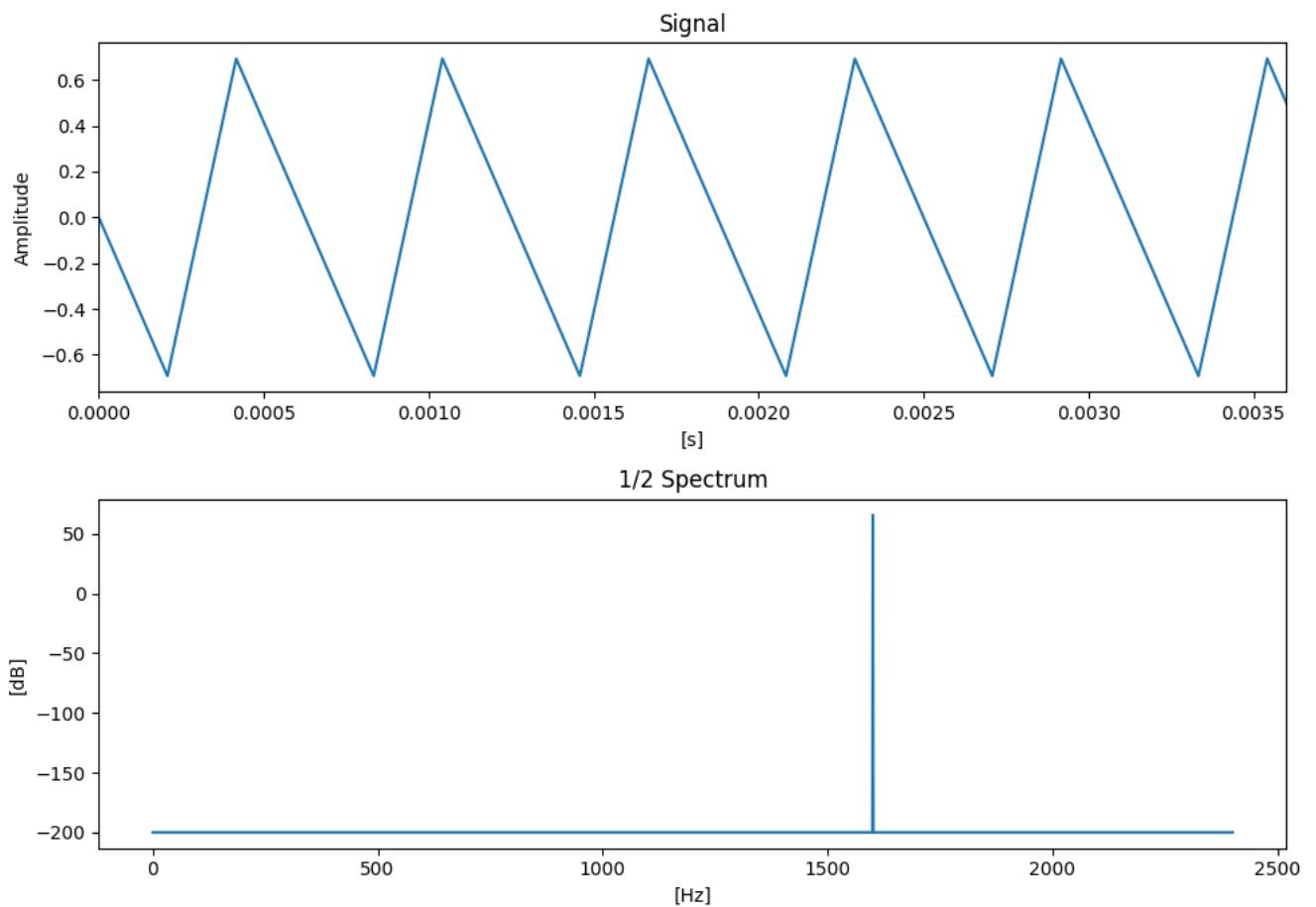
Decymacja 4 kroki



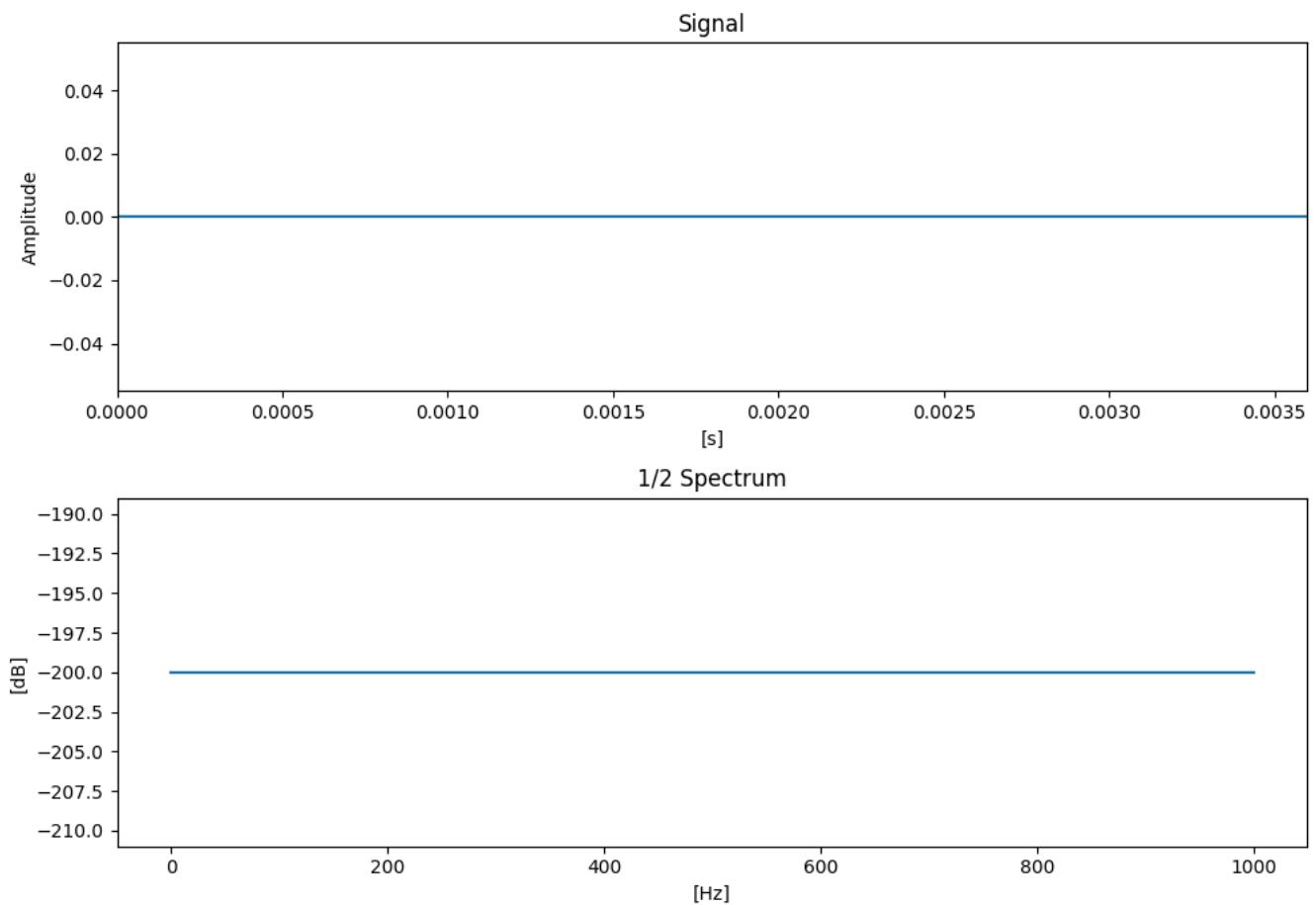
Decymacja 6 kroki



Decymacja 10 kroki

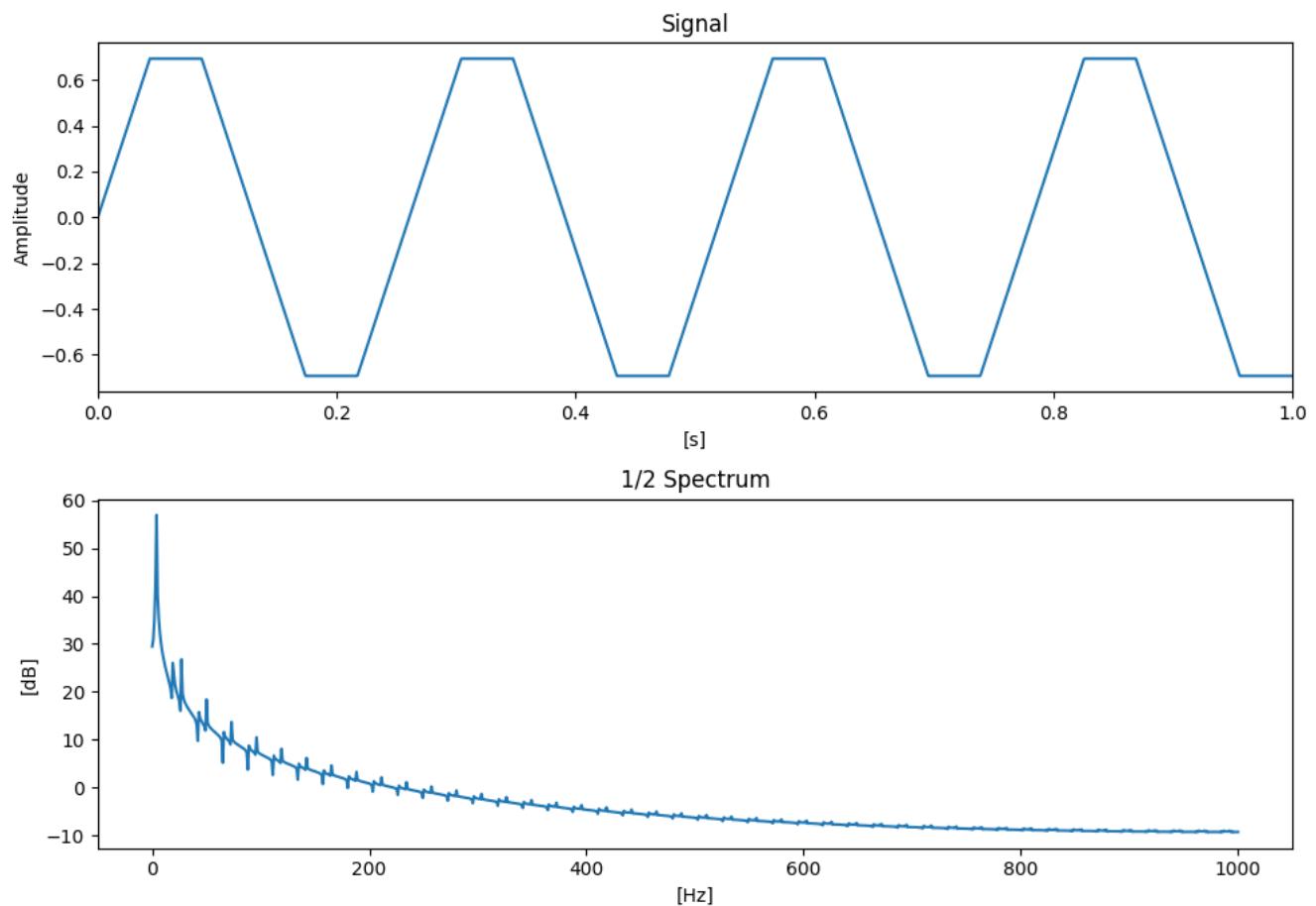


Decymacja 24 kroki

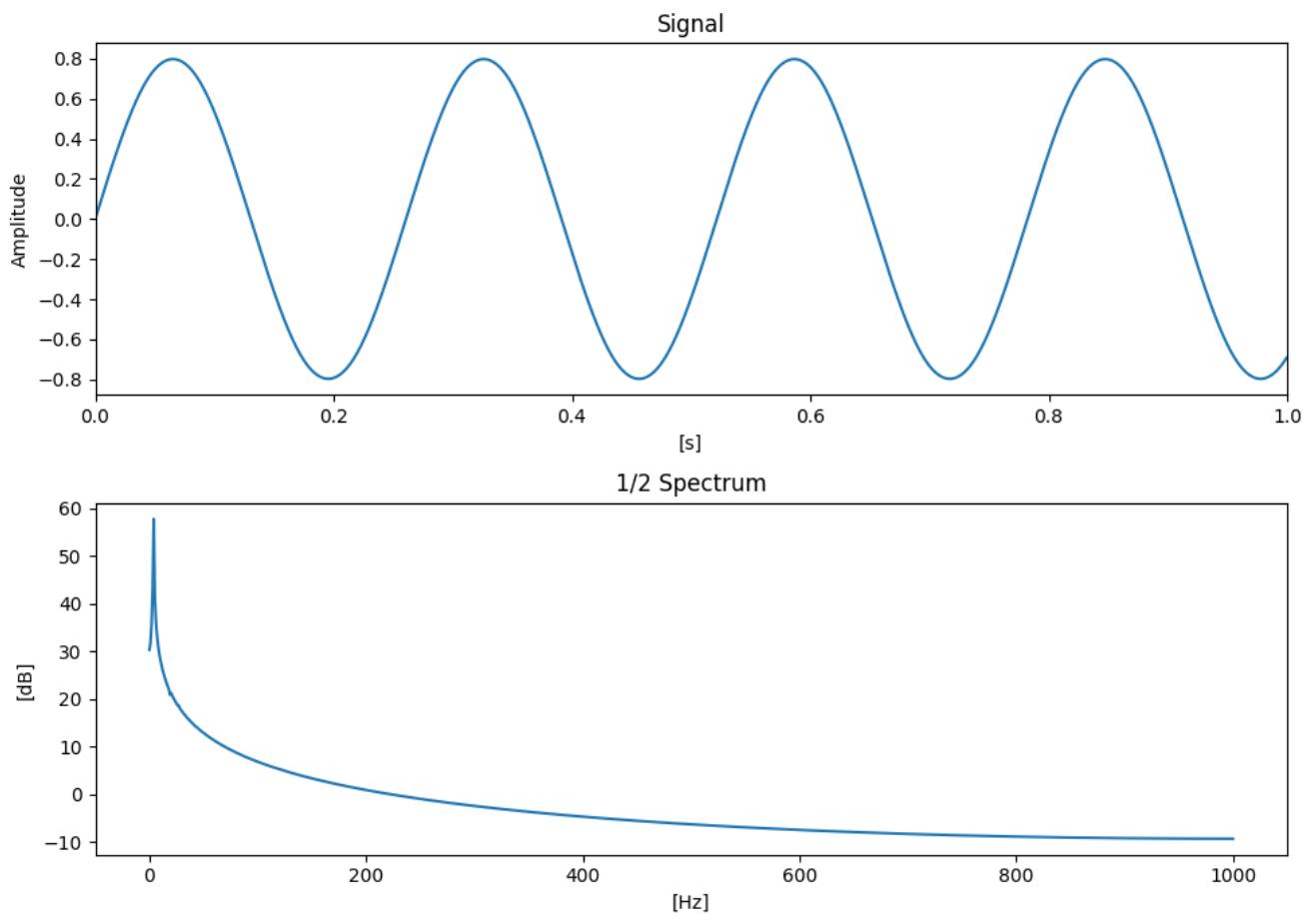


Interpolacja do 2000Hz

Metoda linear

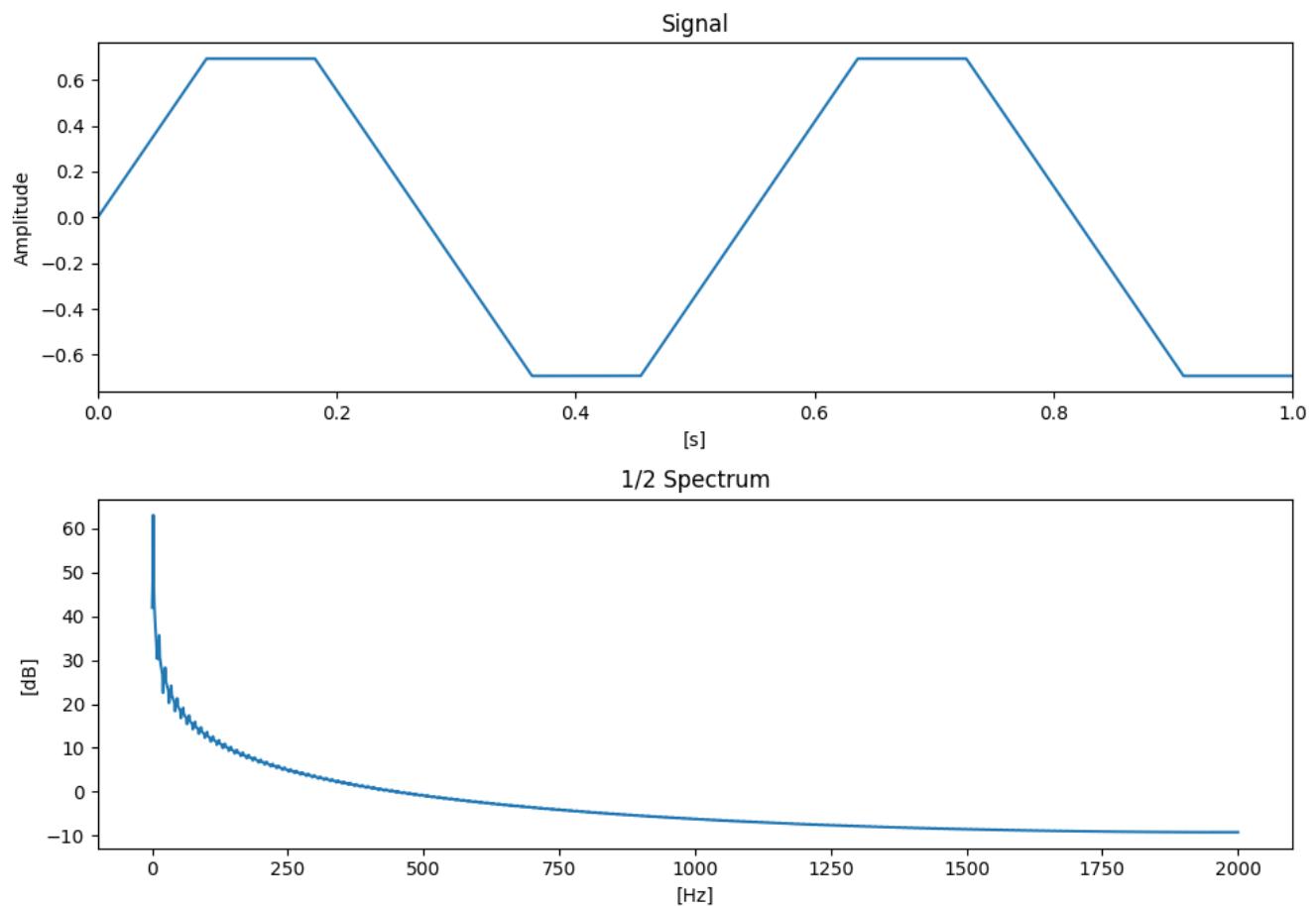


Metoda cubic

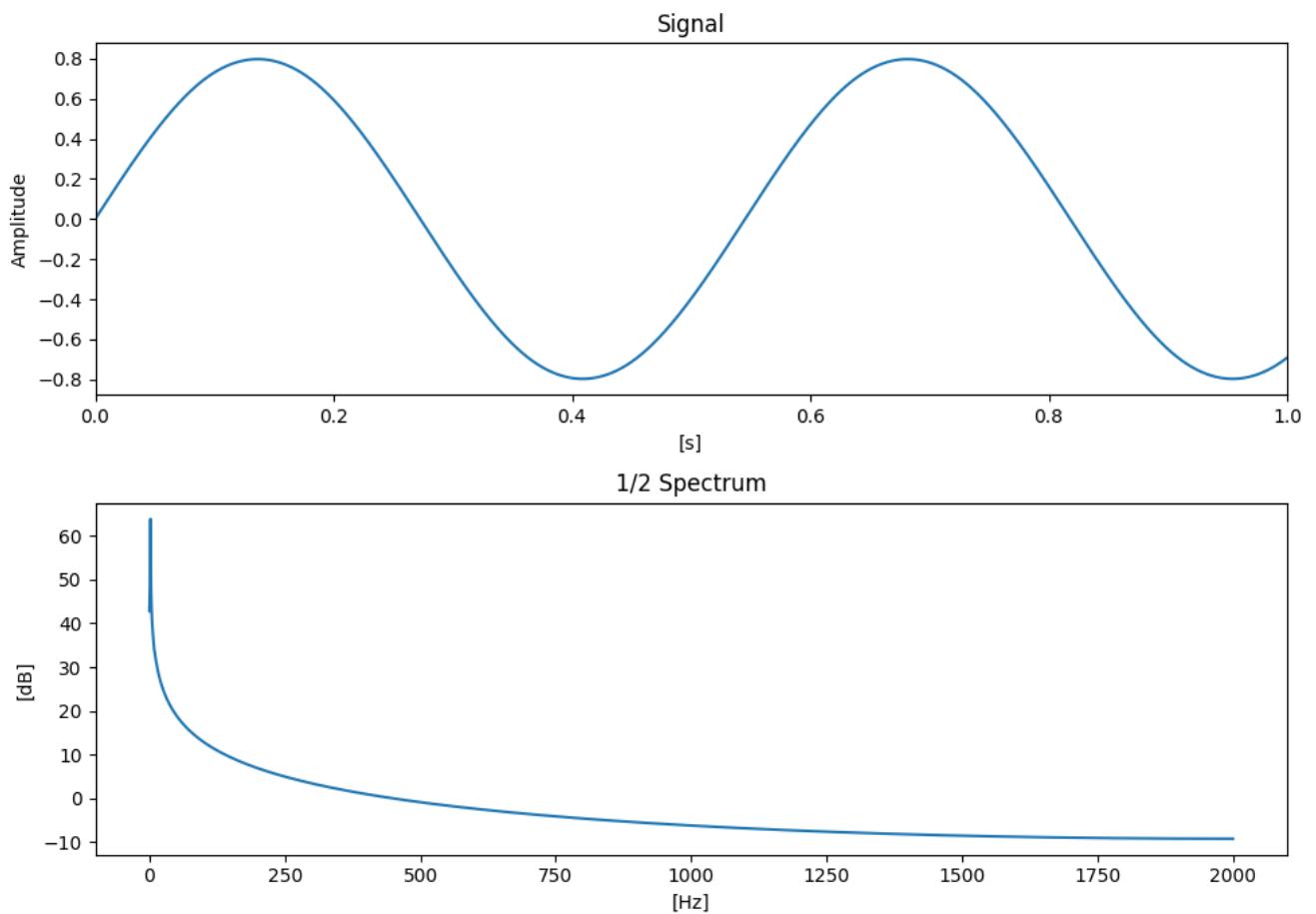


Interpolacja do 4000Hz

Metoda linear

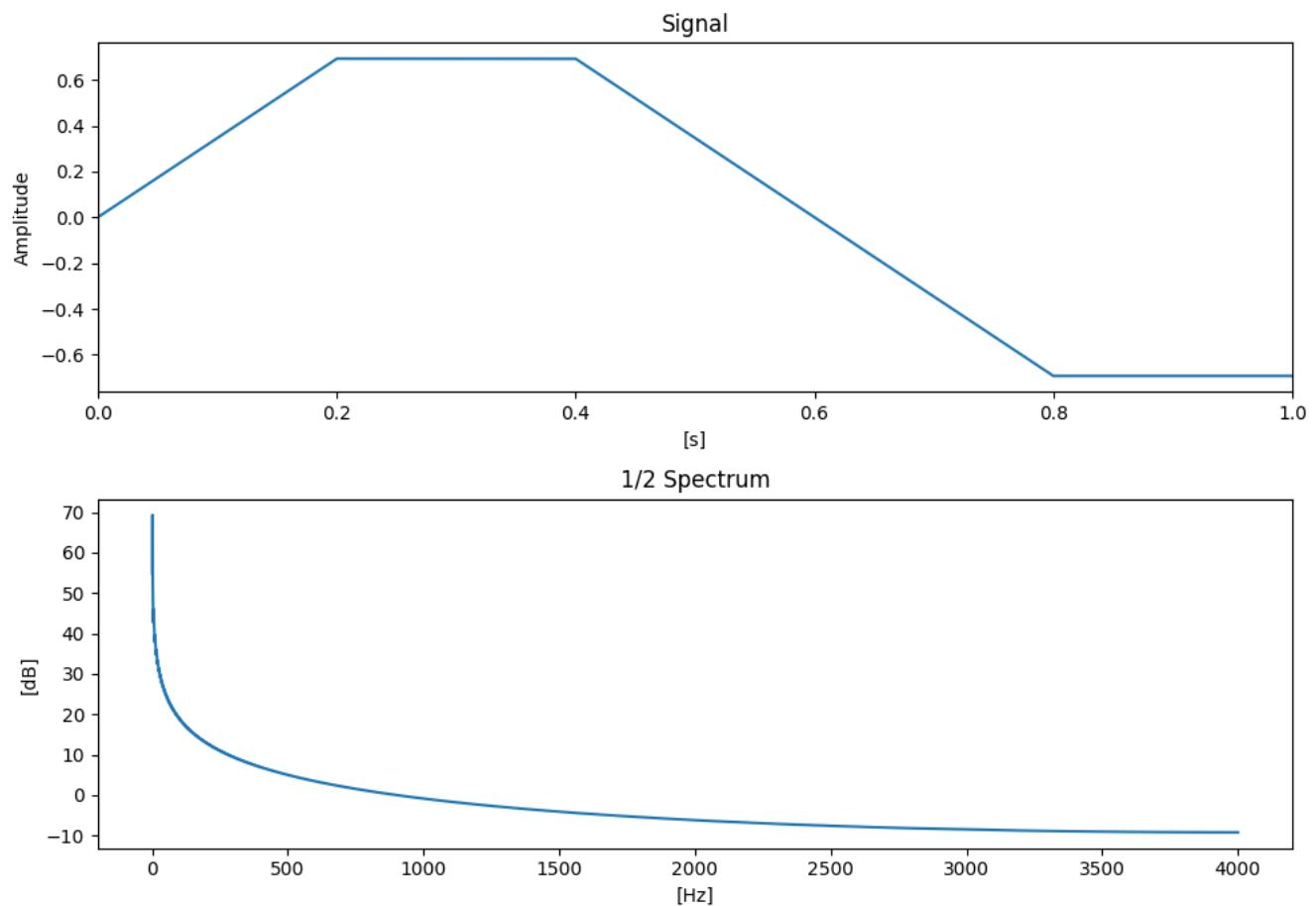


Metoda cubic

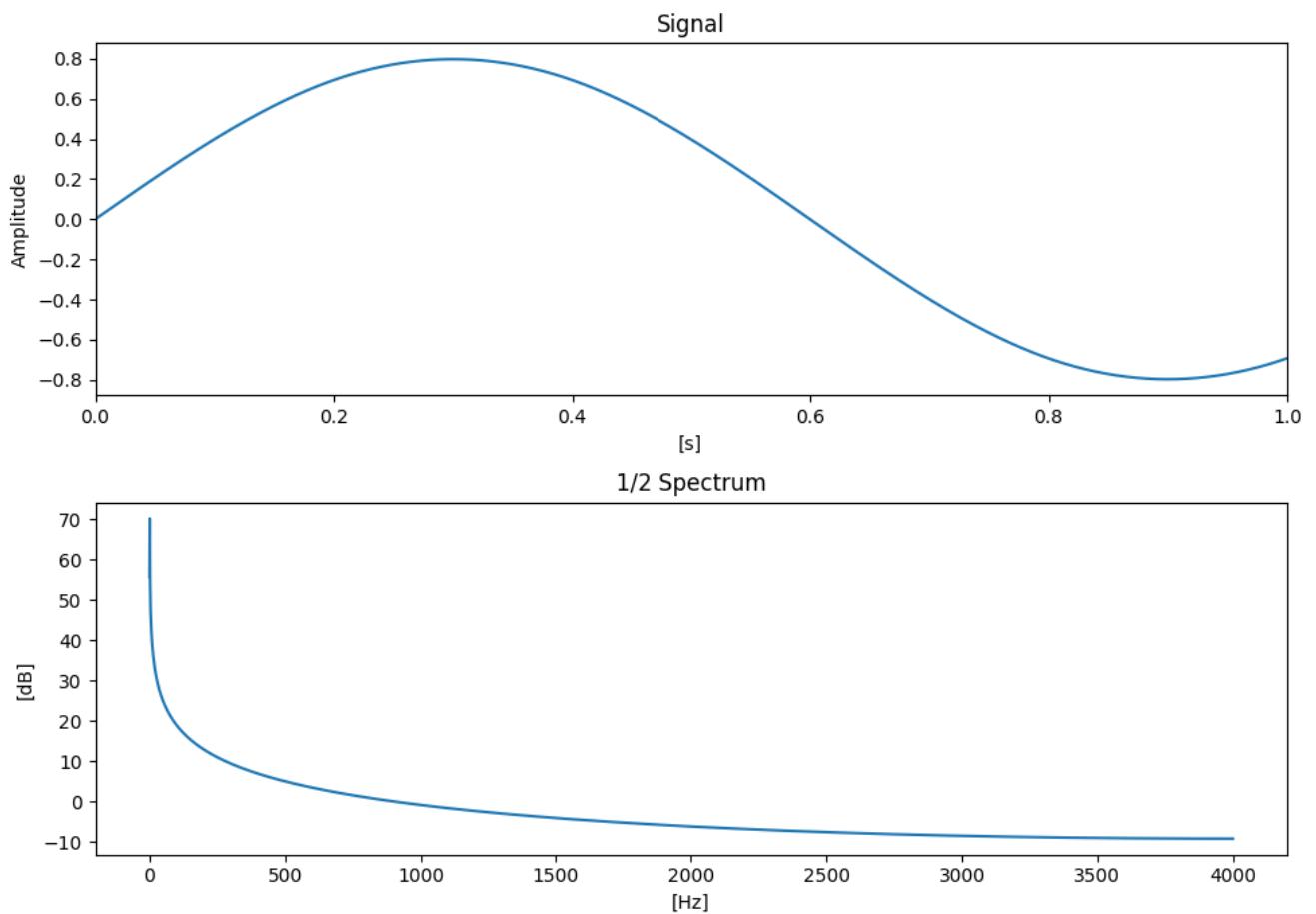


Interpolacja do 8000Hz

Metoda linear

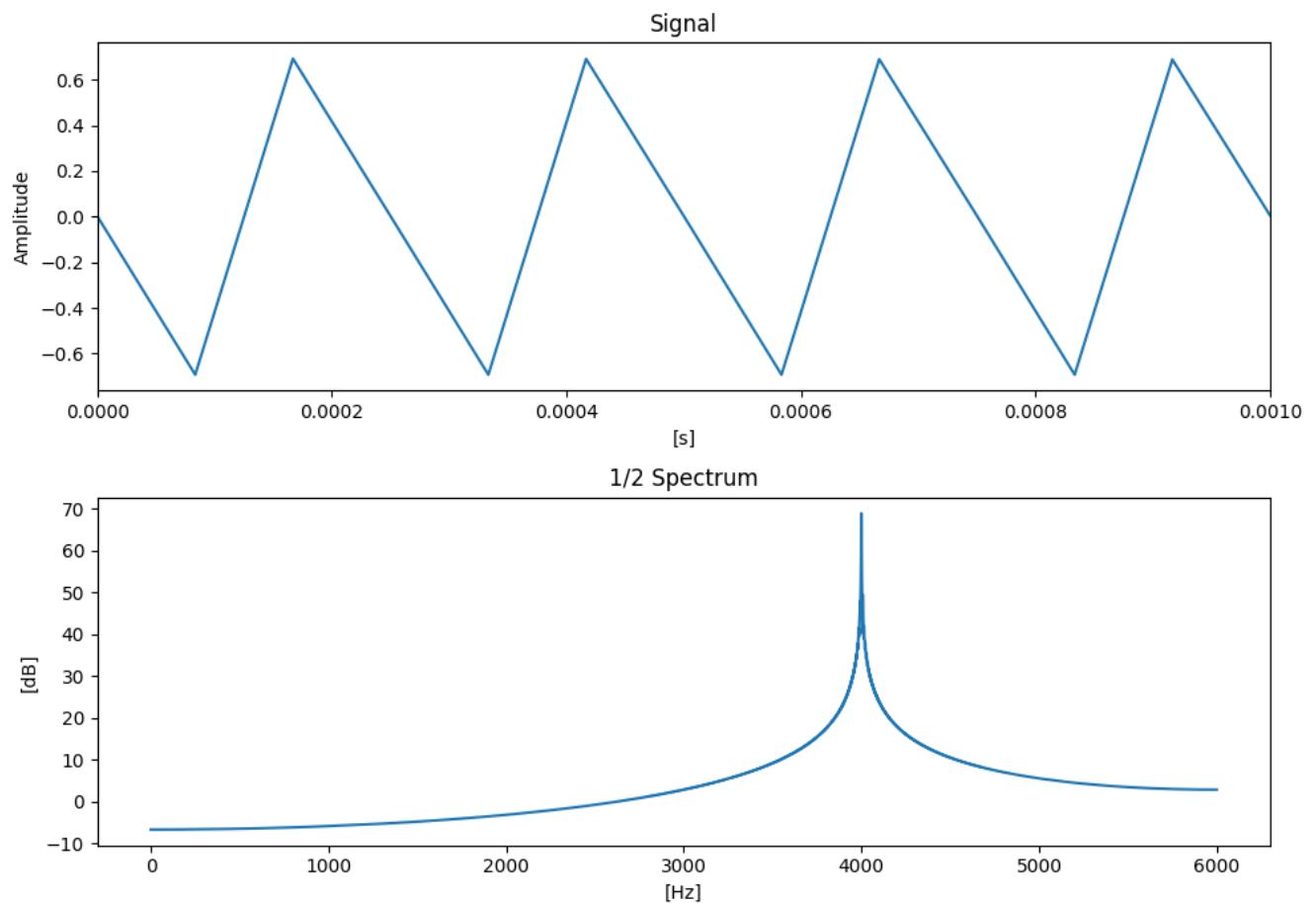


Metoda cubic

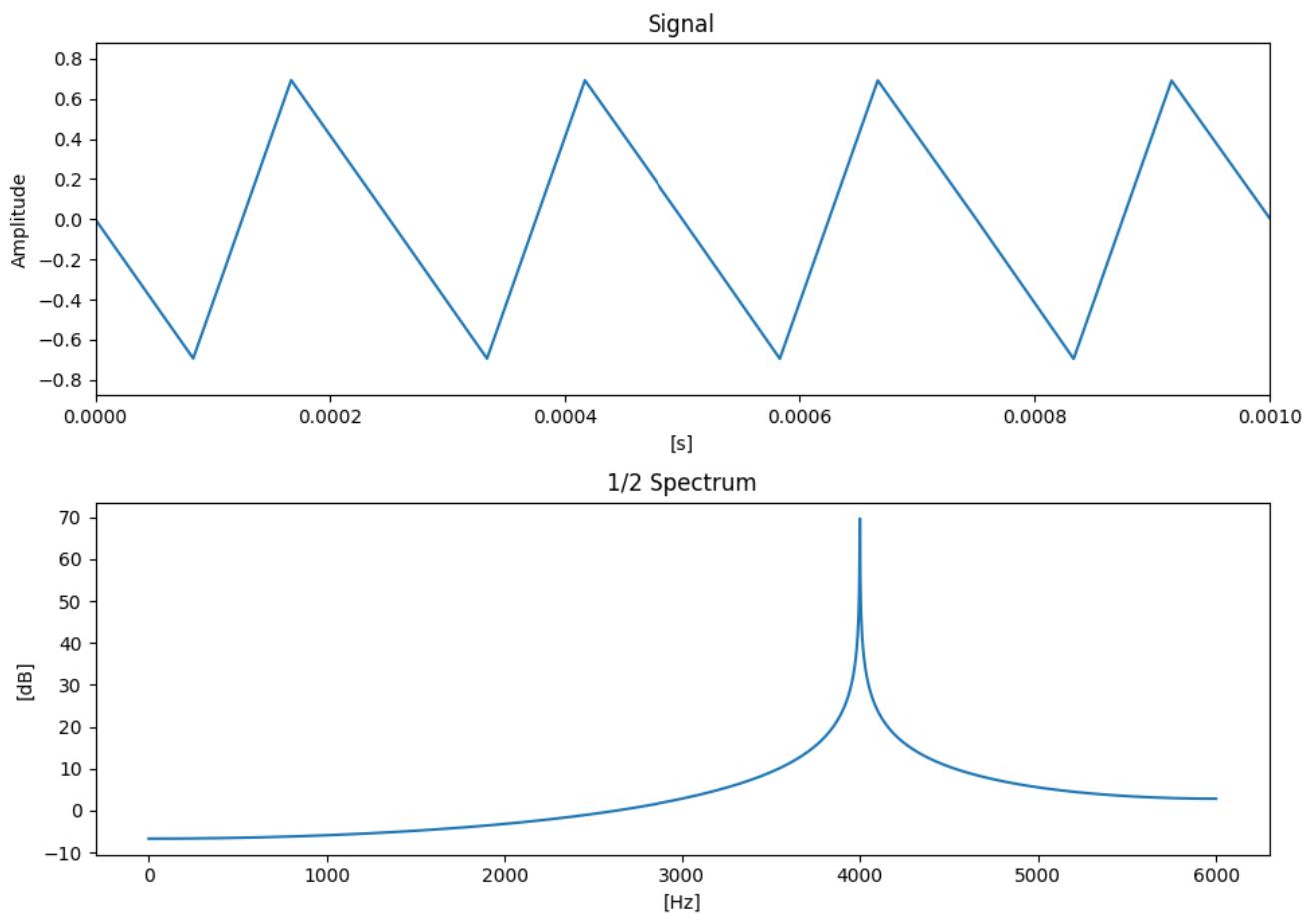


Interpolacja do 11999Hz

Metoda linear

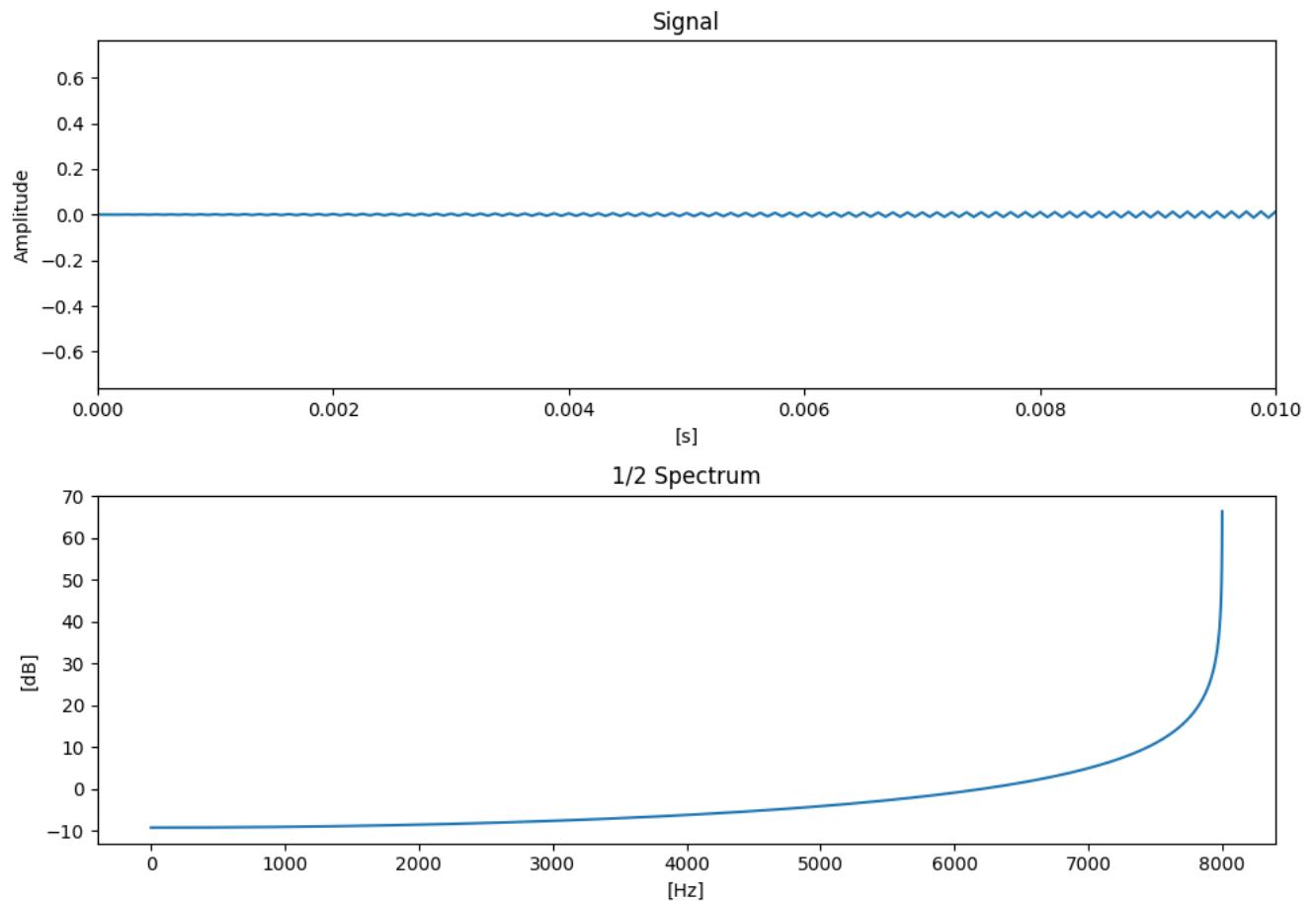


Metoda cubic

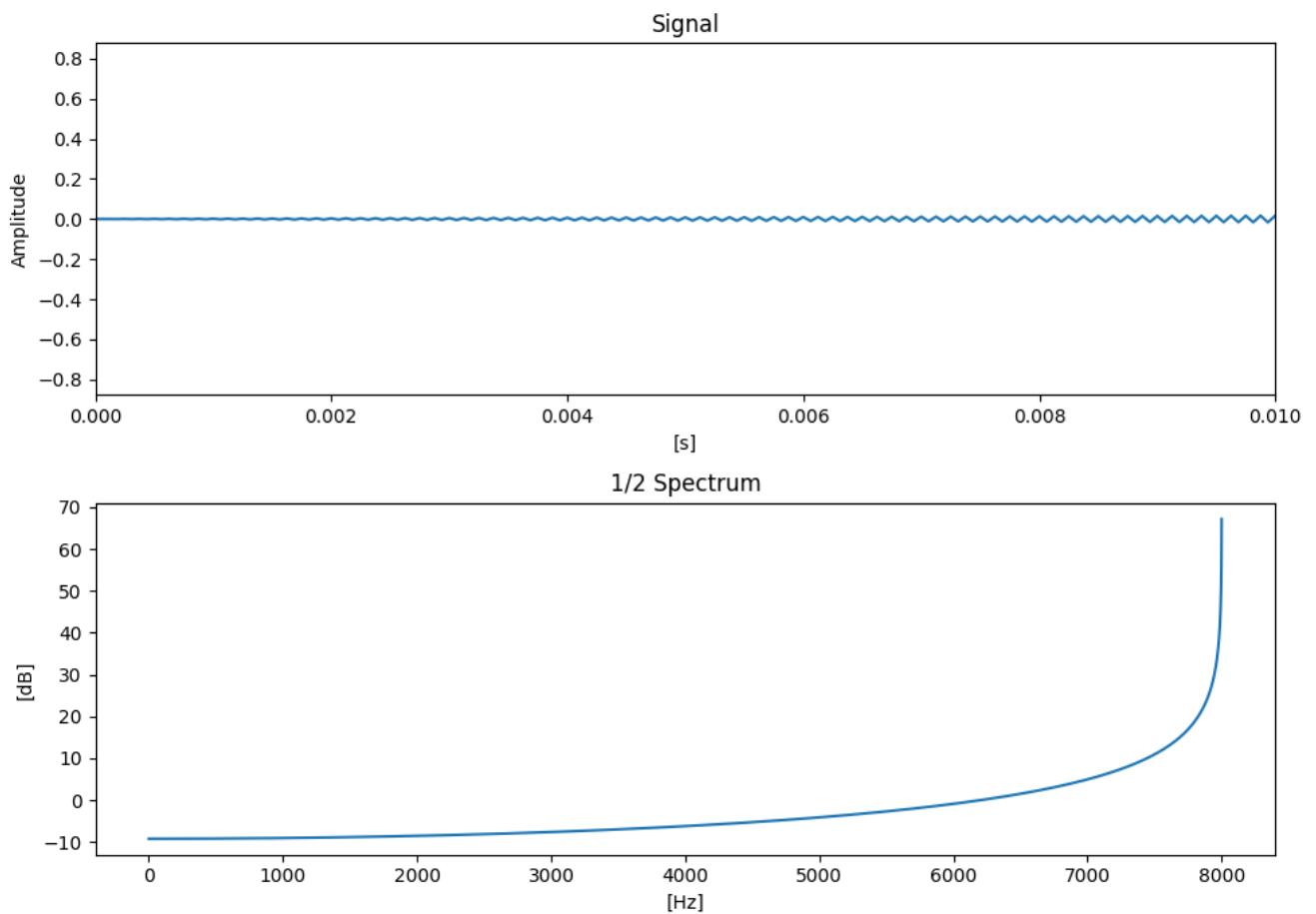


Interpolacja do 16000Hz

Metoda linear

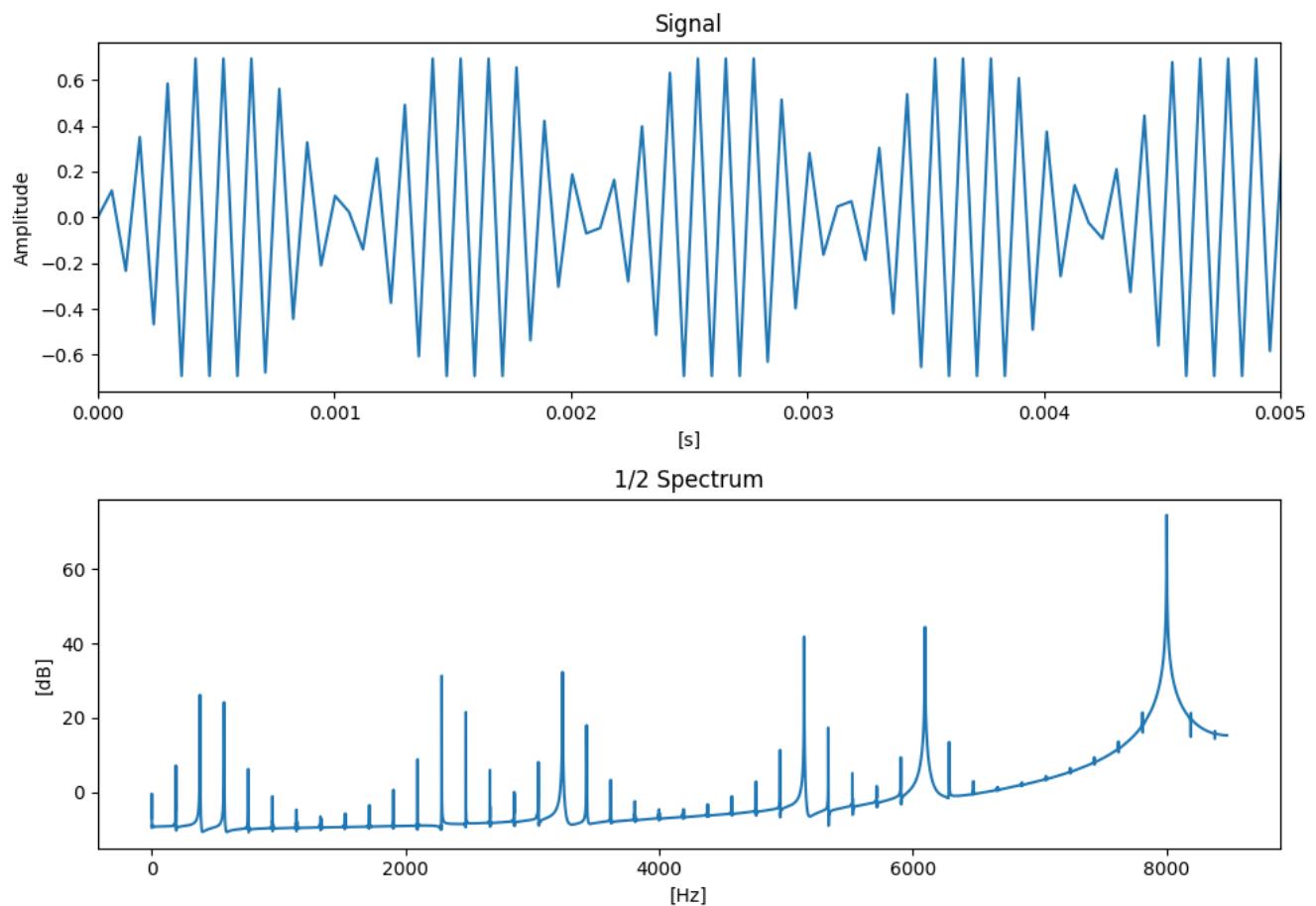


Metoda cubic

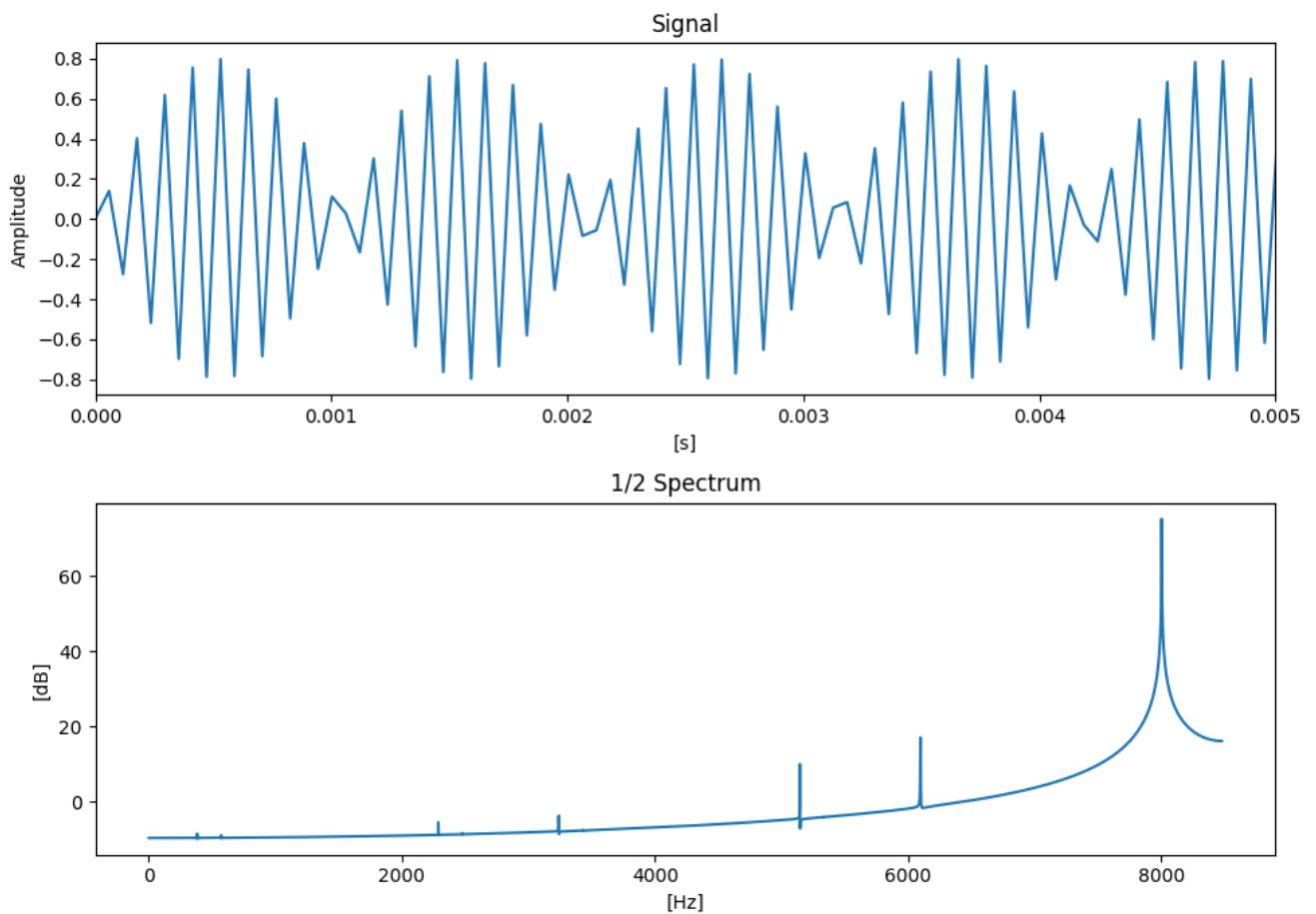


Interpolacja do 16953Hz

Metoda linear

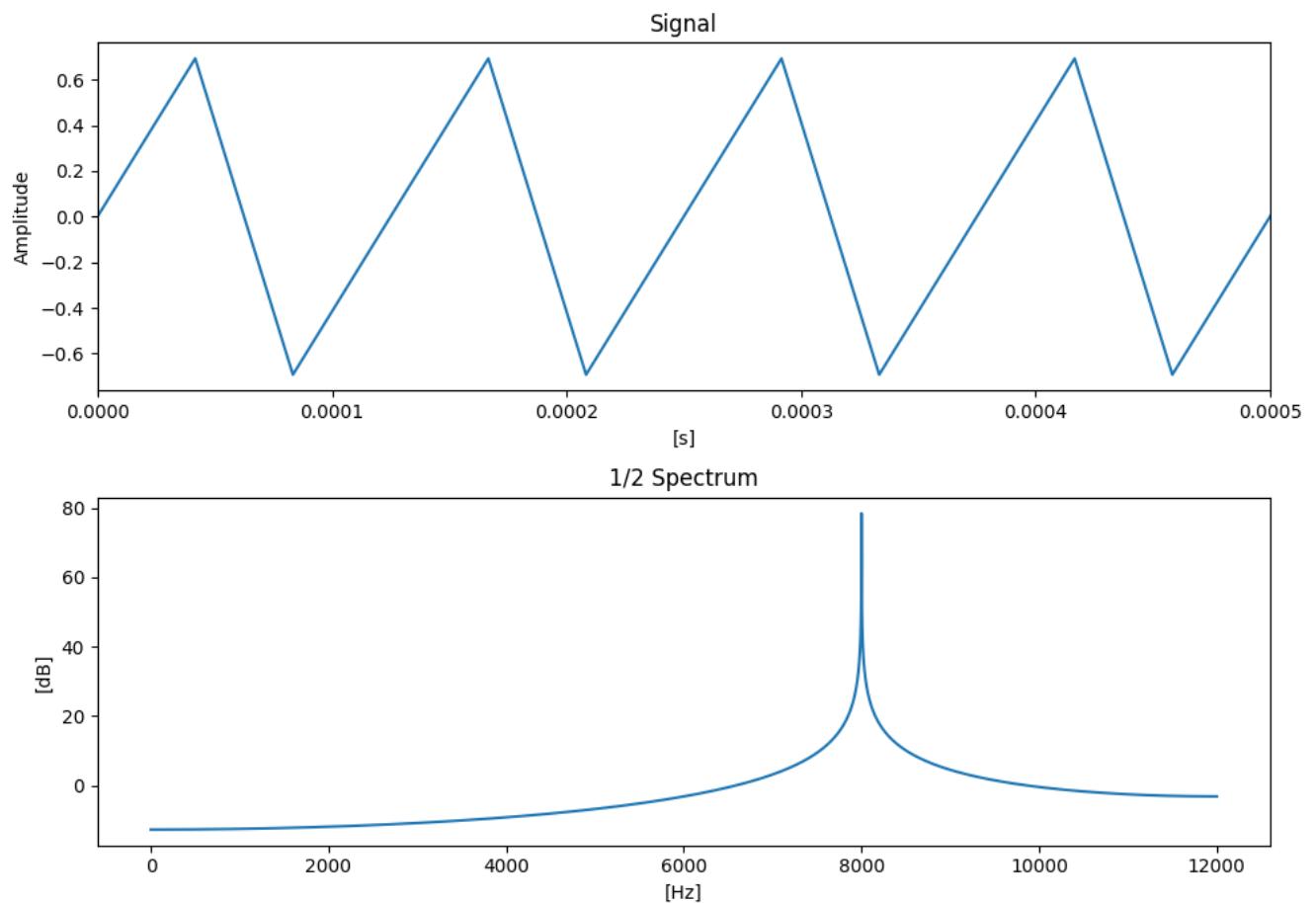


Metoda cubic

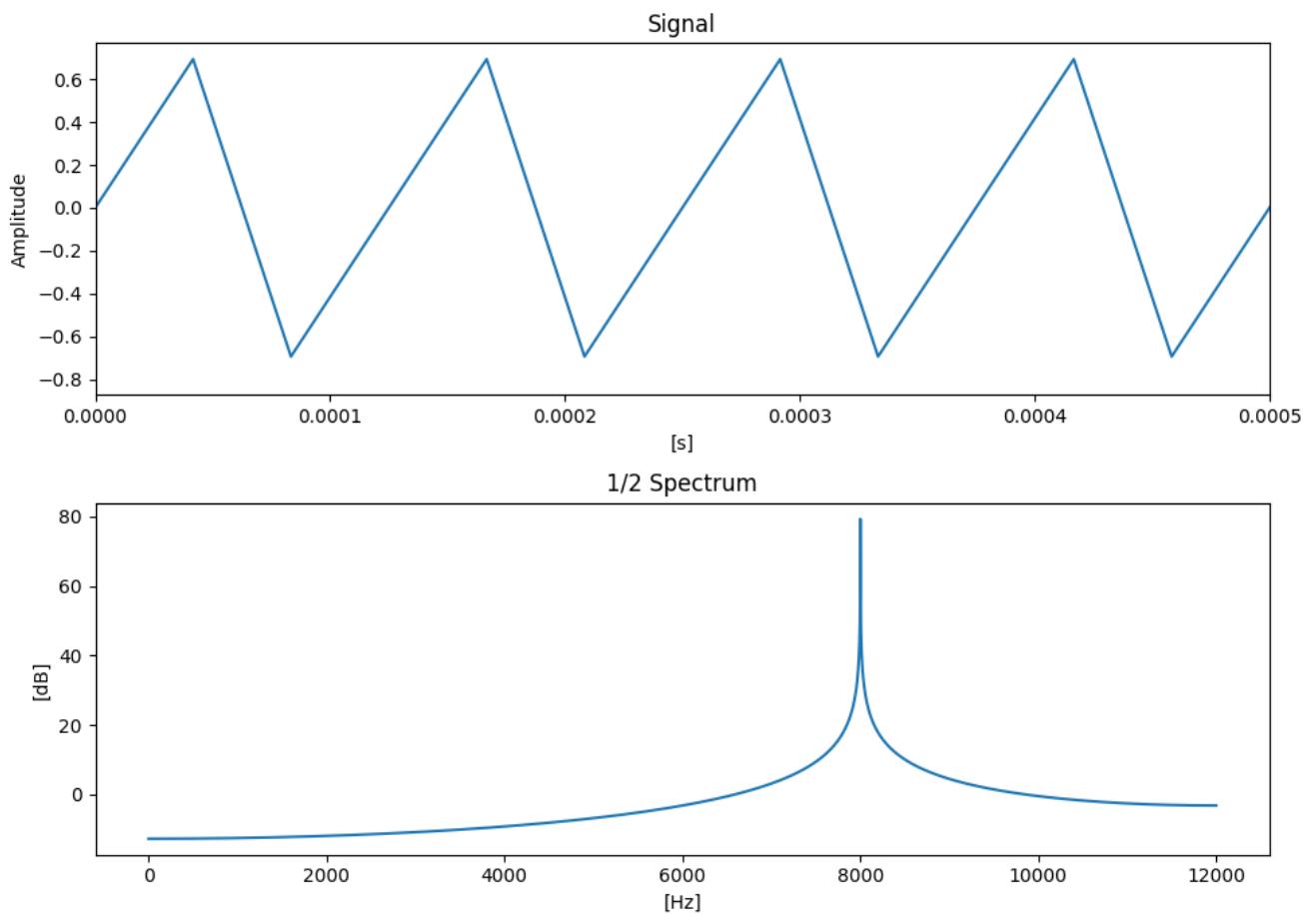


Interpolacja do 24000Hz

Metoda linear

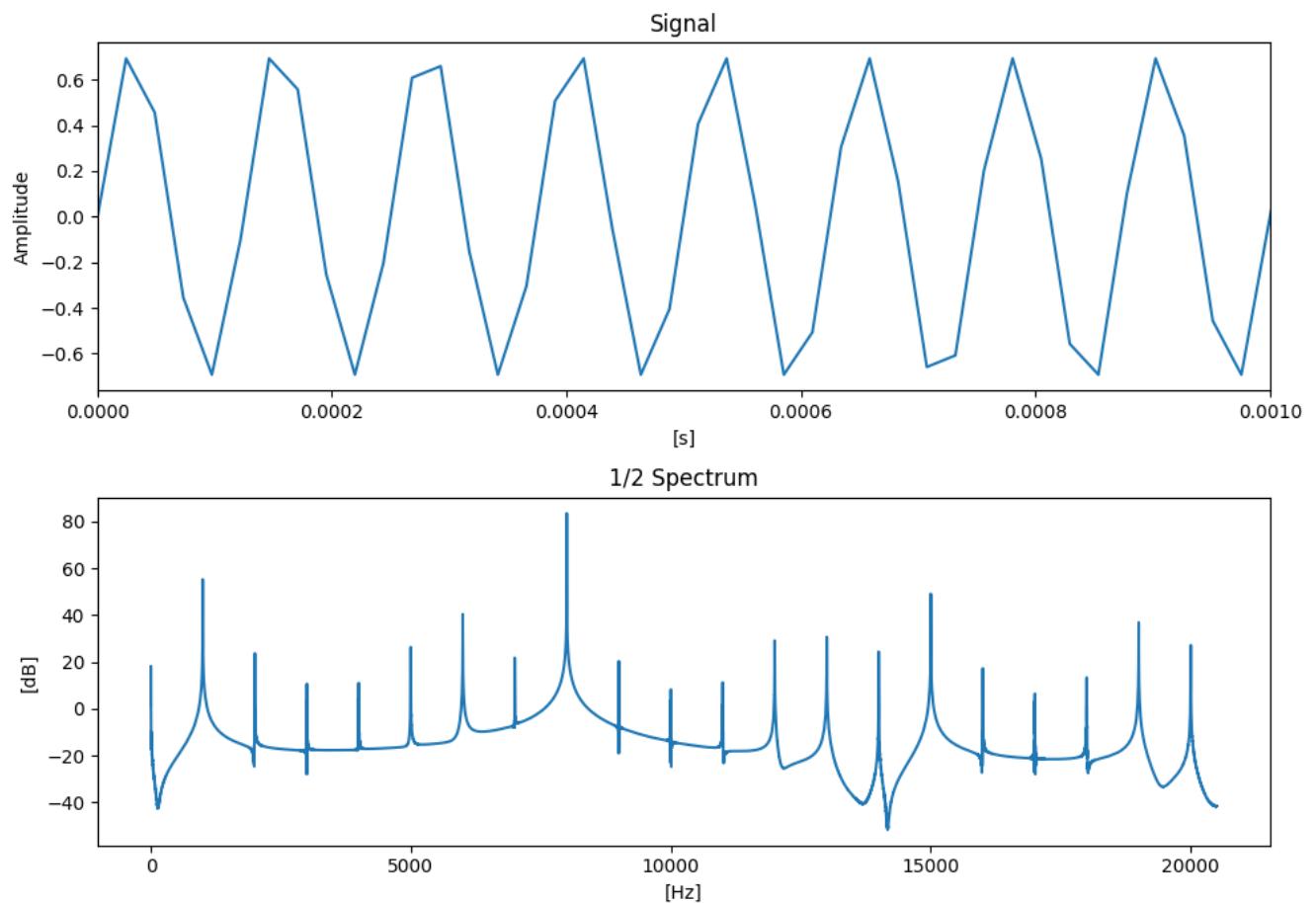


Metoda cubic

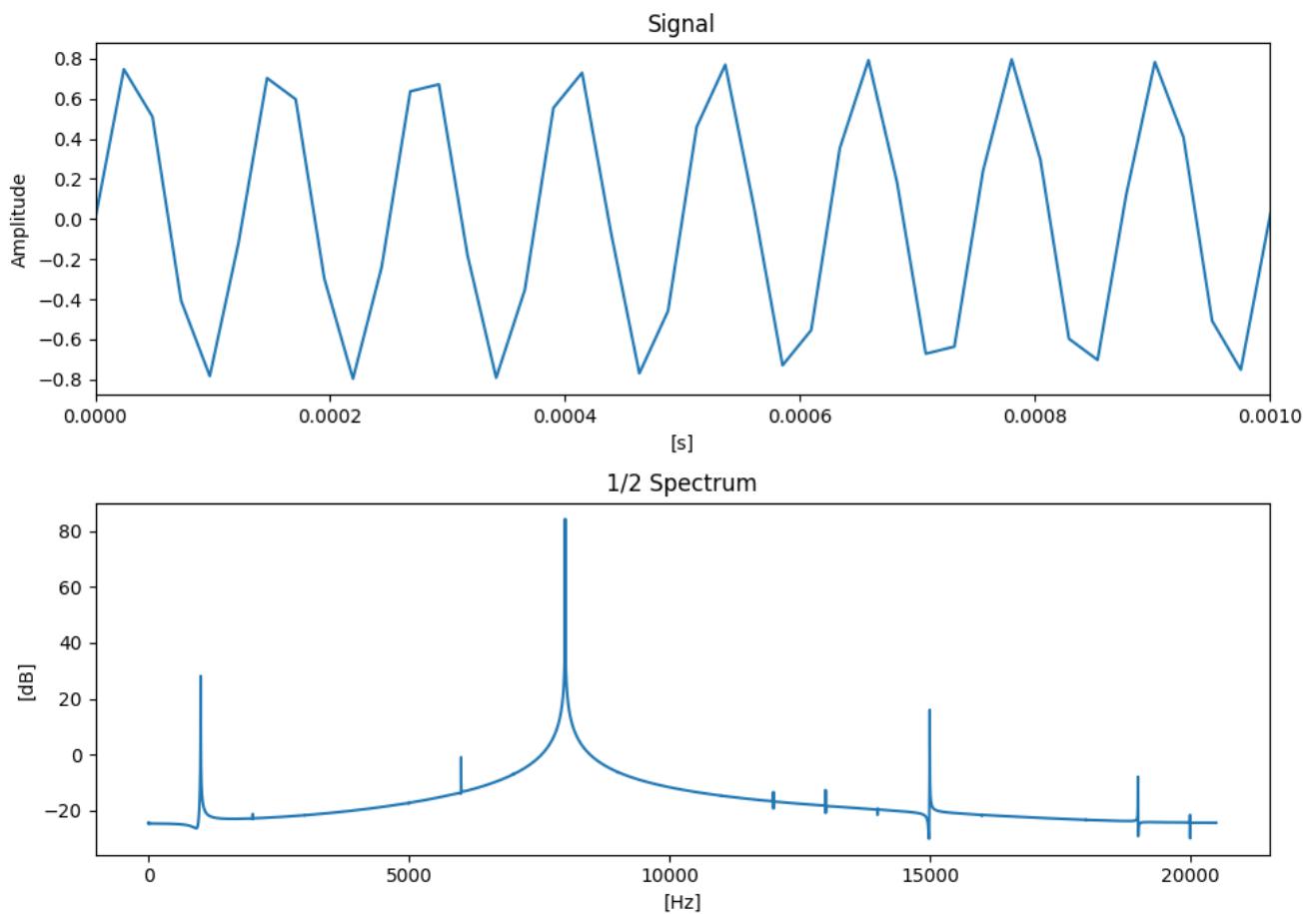


Interpolacja do 41000Hz

Metoda linear

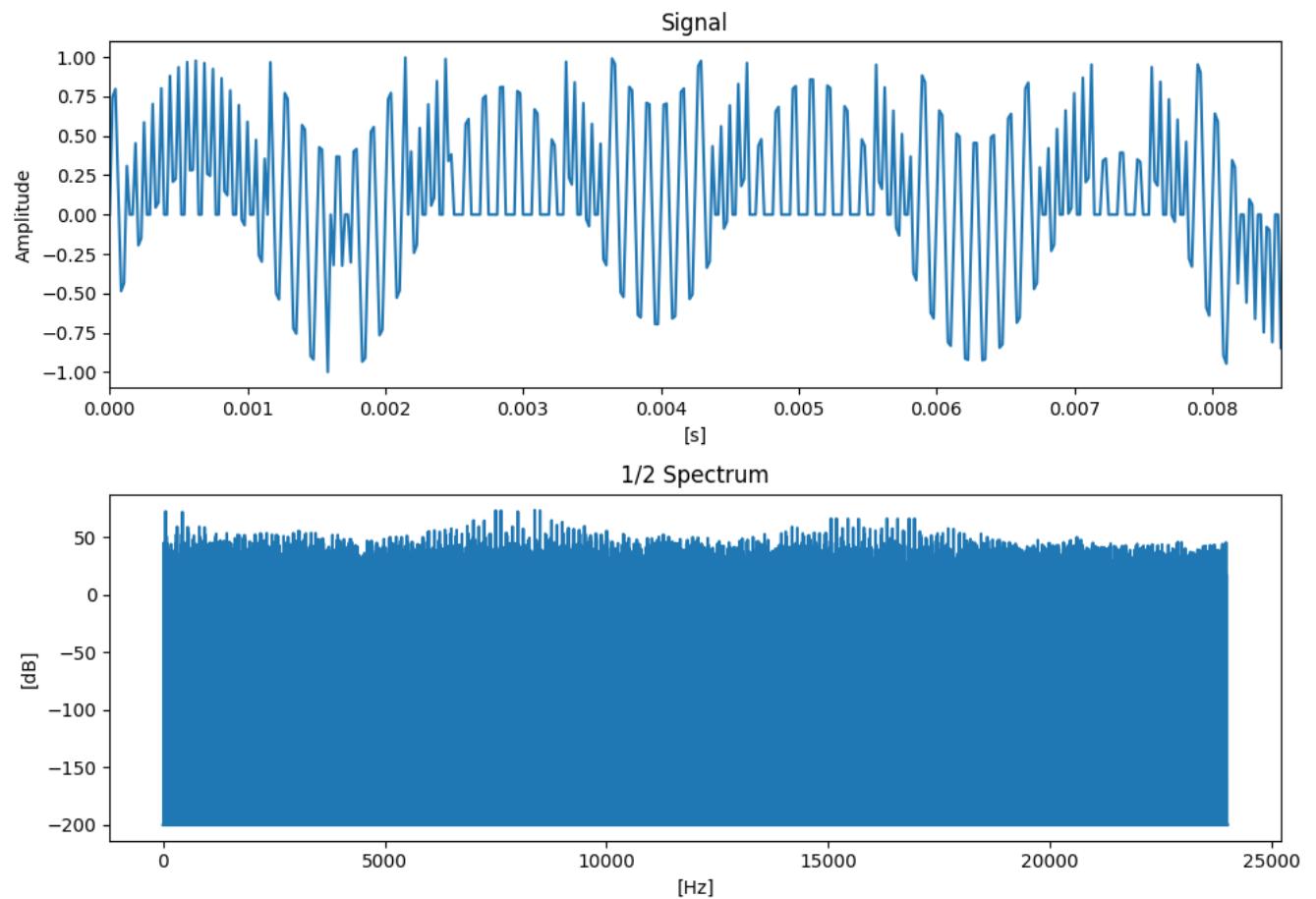


Metoda cubic

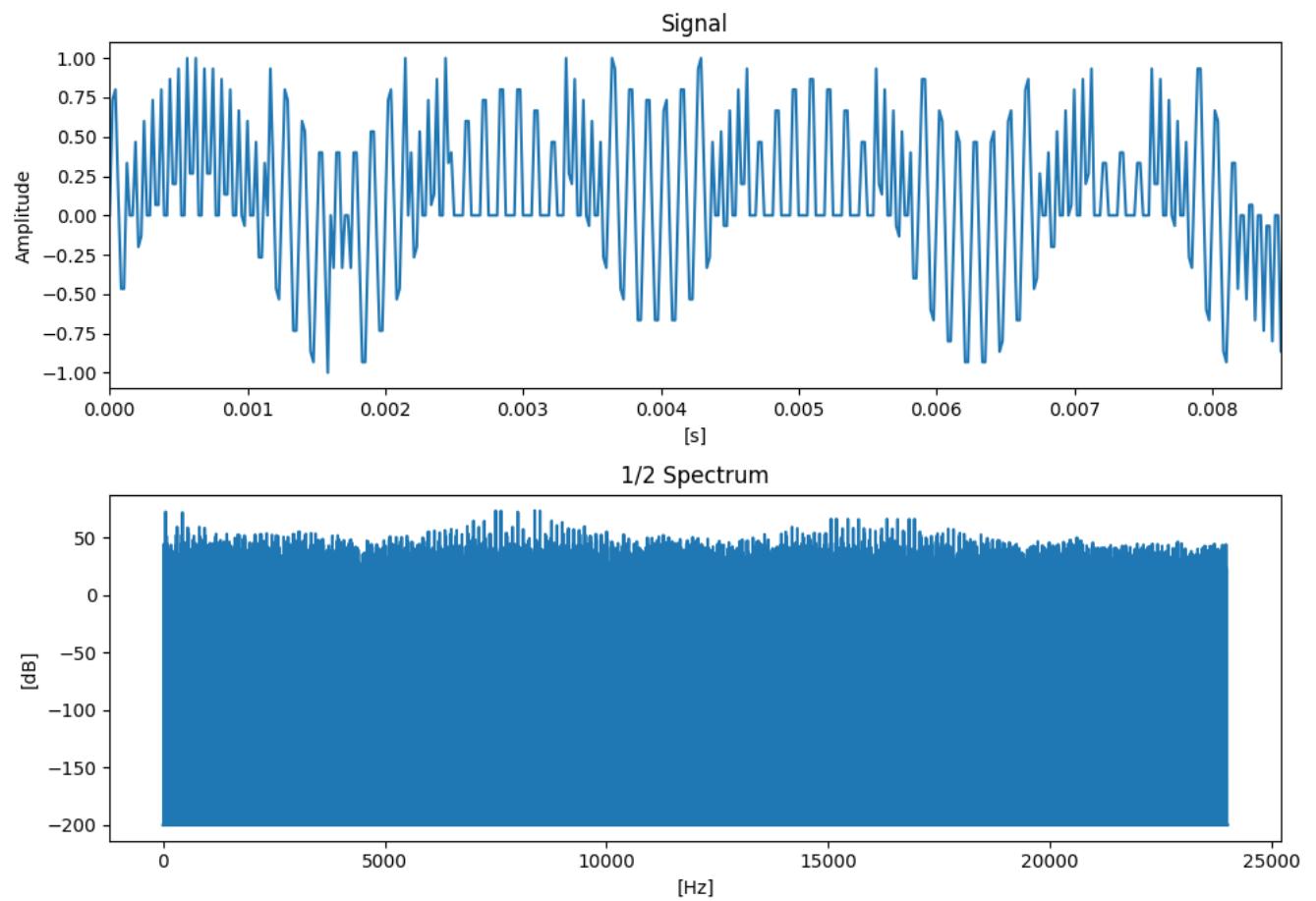


Sygnal - SIN/sin_combined.wav

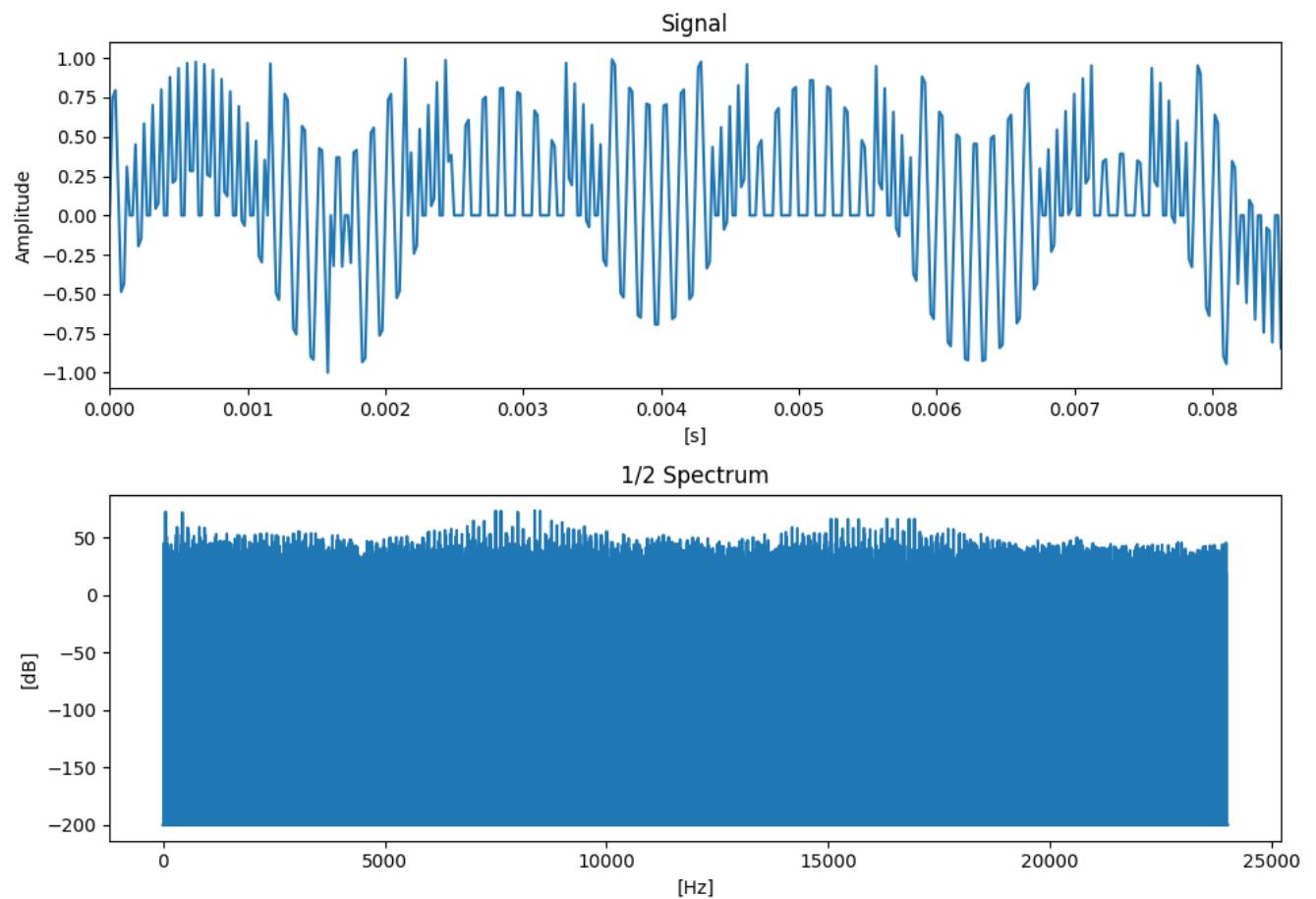
Sygnal oryginalny



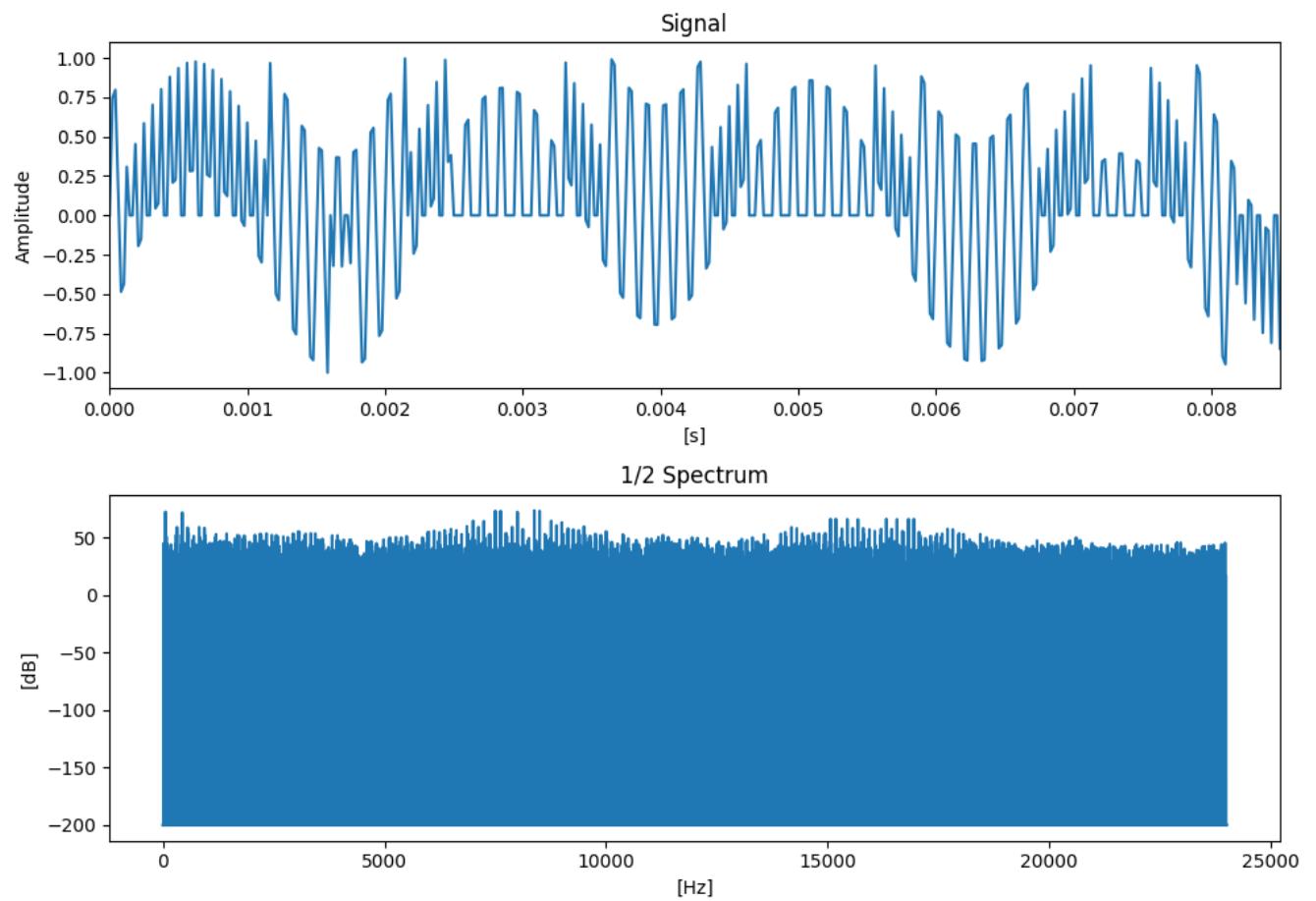
Kwantyzacja 4 bit



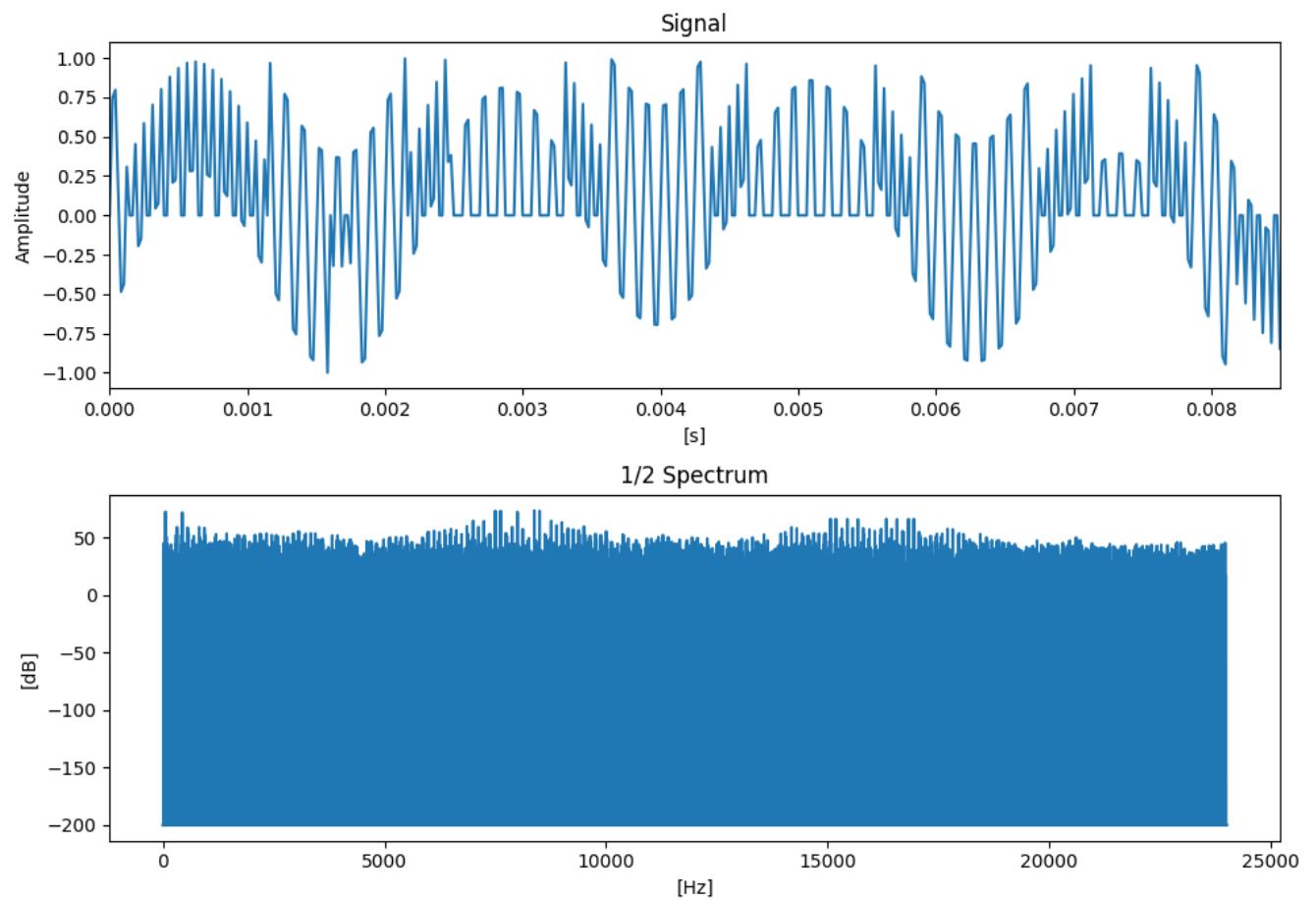
Kwantyzacja 8 bit



Kwantyzacja 16 bit

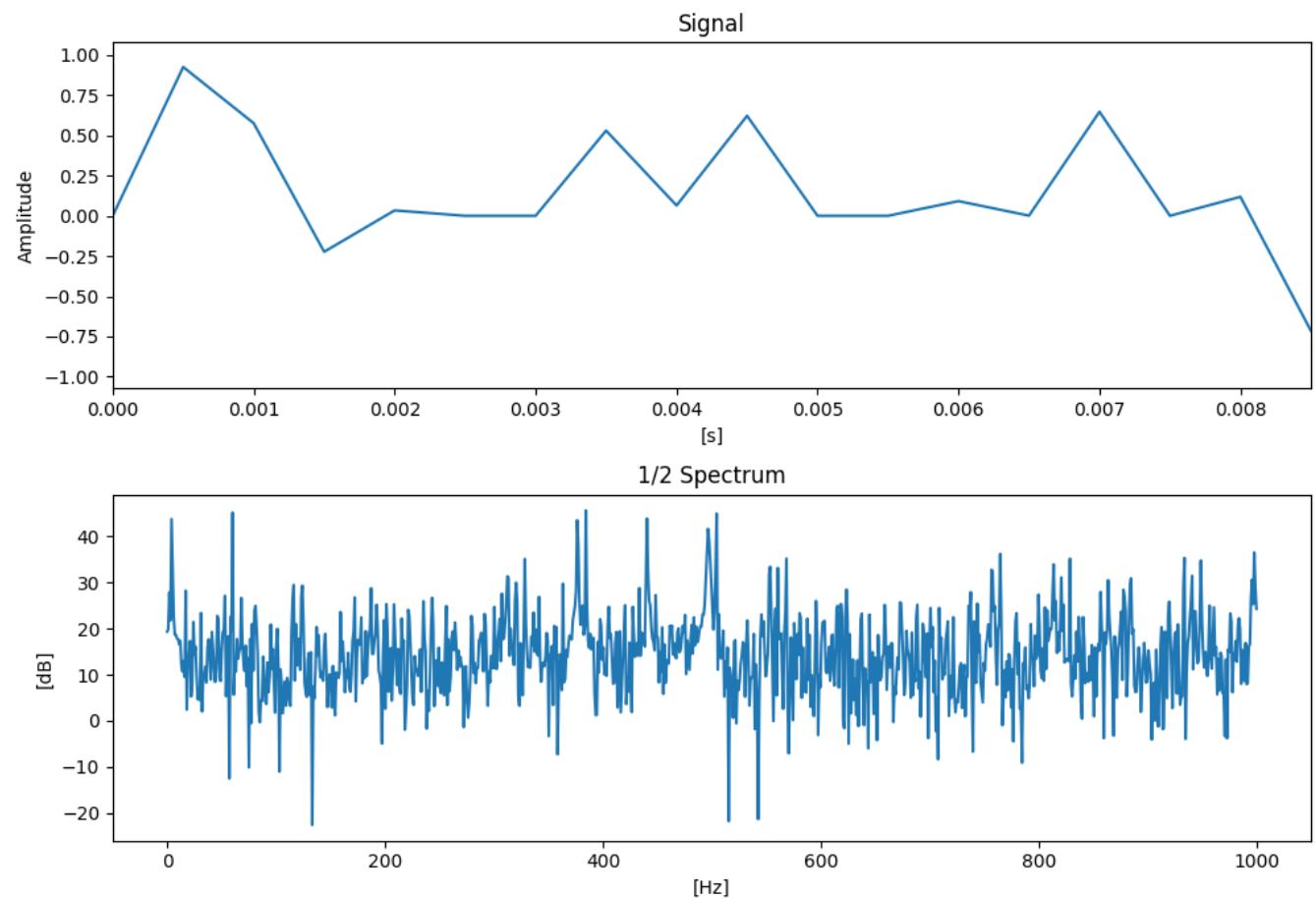


Kwantyzacja 24 bit

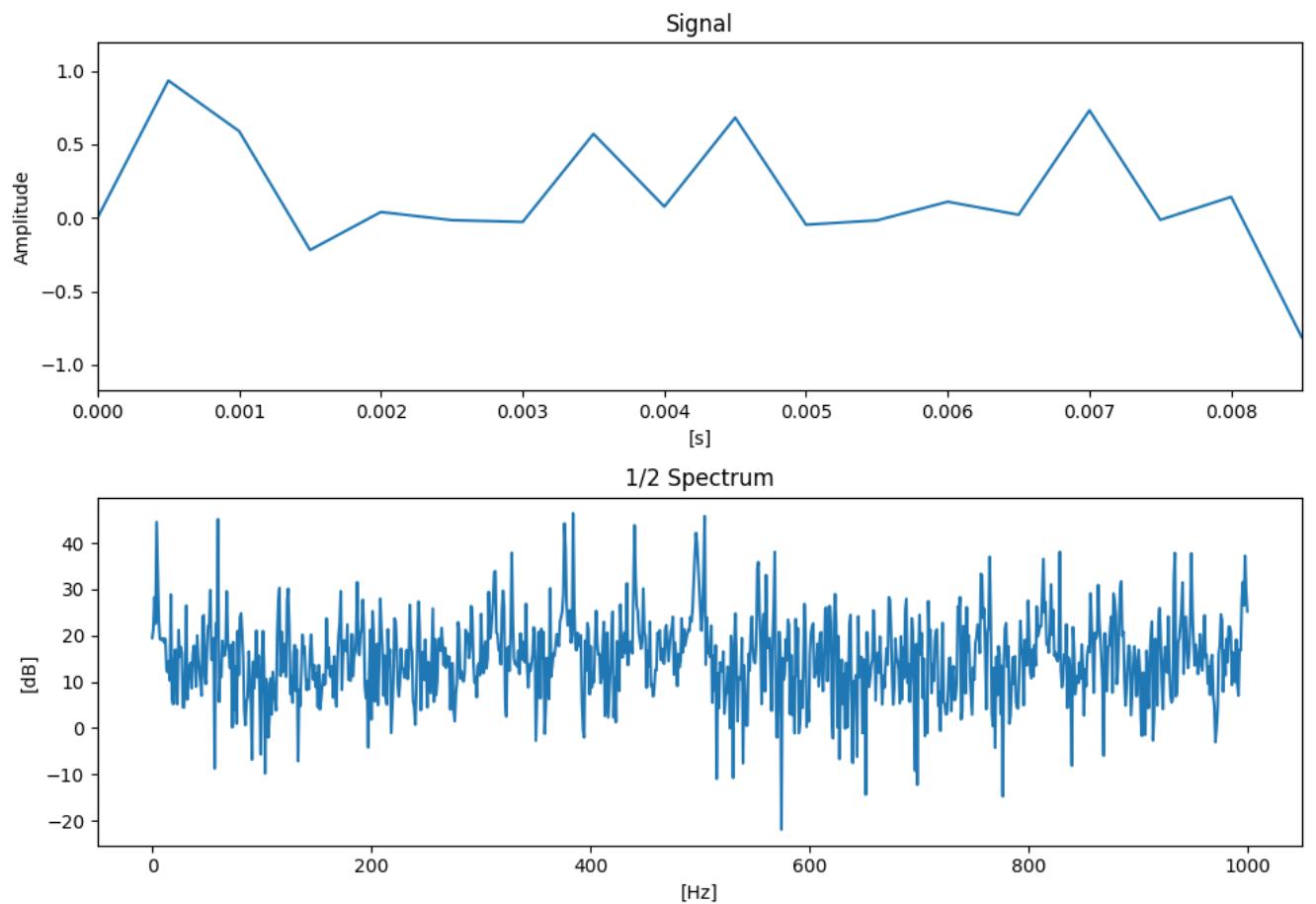


Interpolacja do 2000Hz

Metoda linear

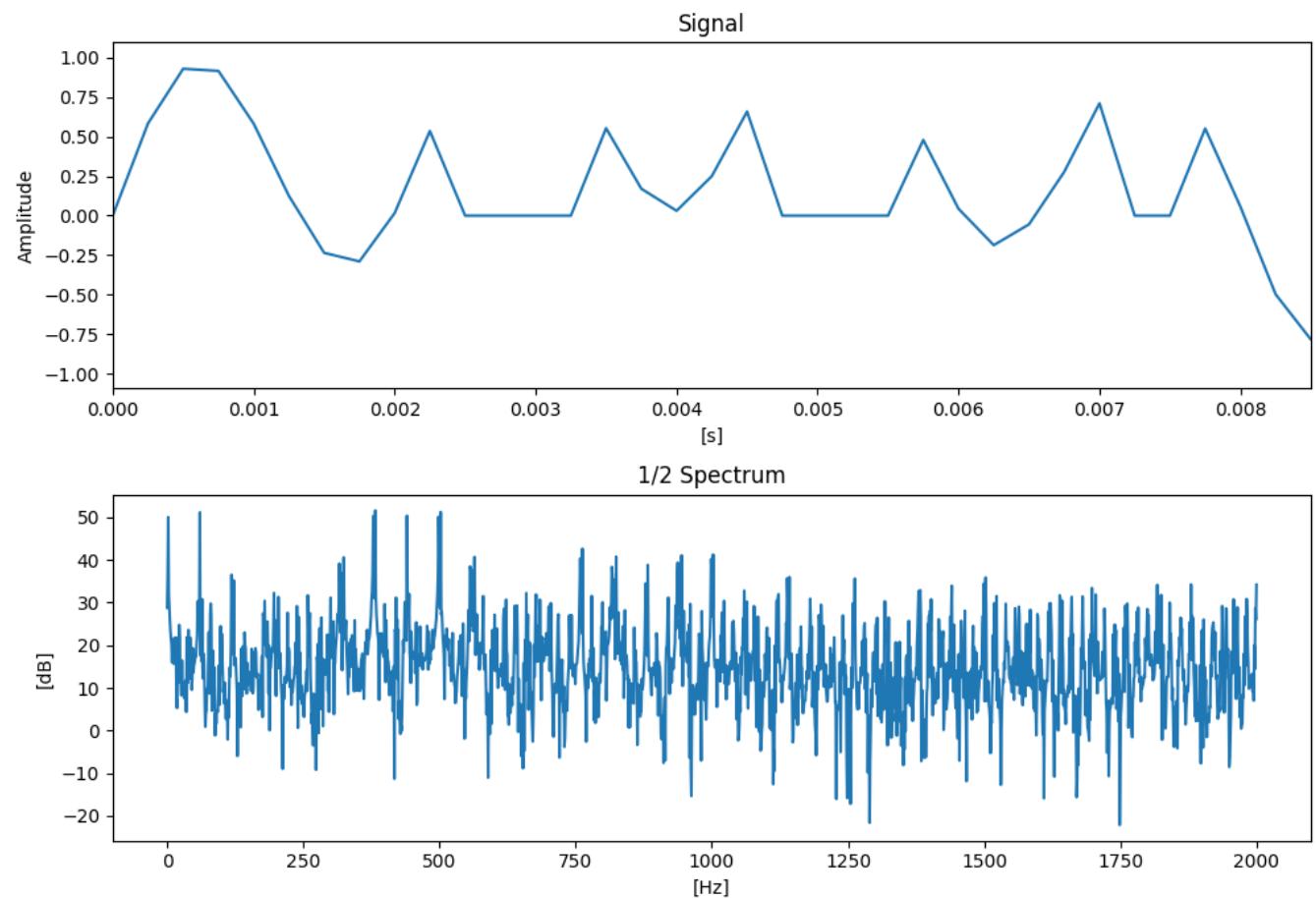


Metoda cubic

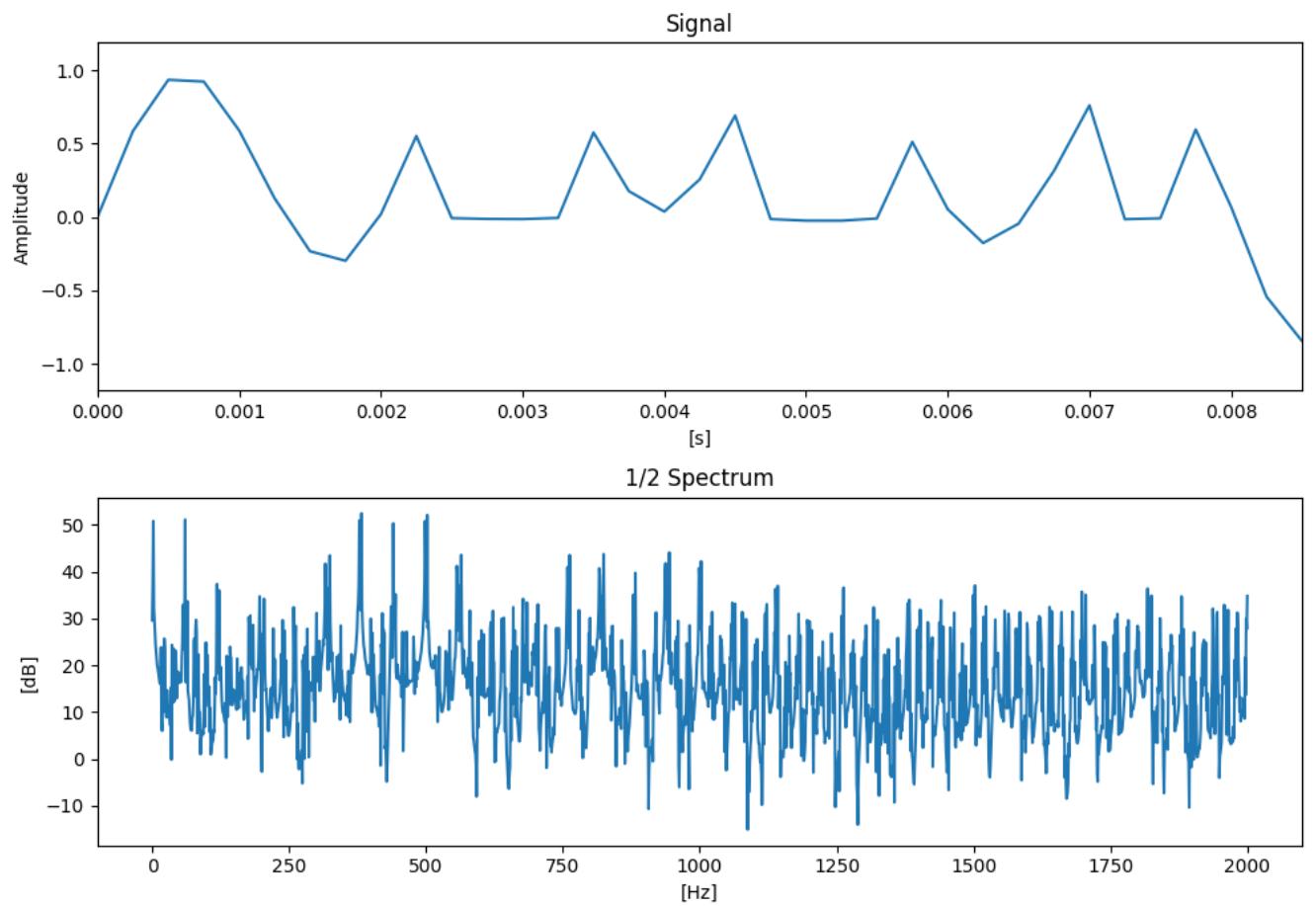


Interpolacja do 4000Hz

Metoda linear

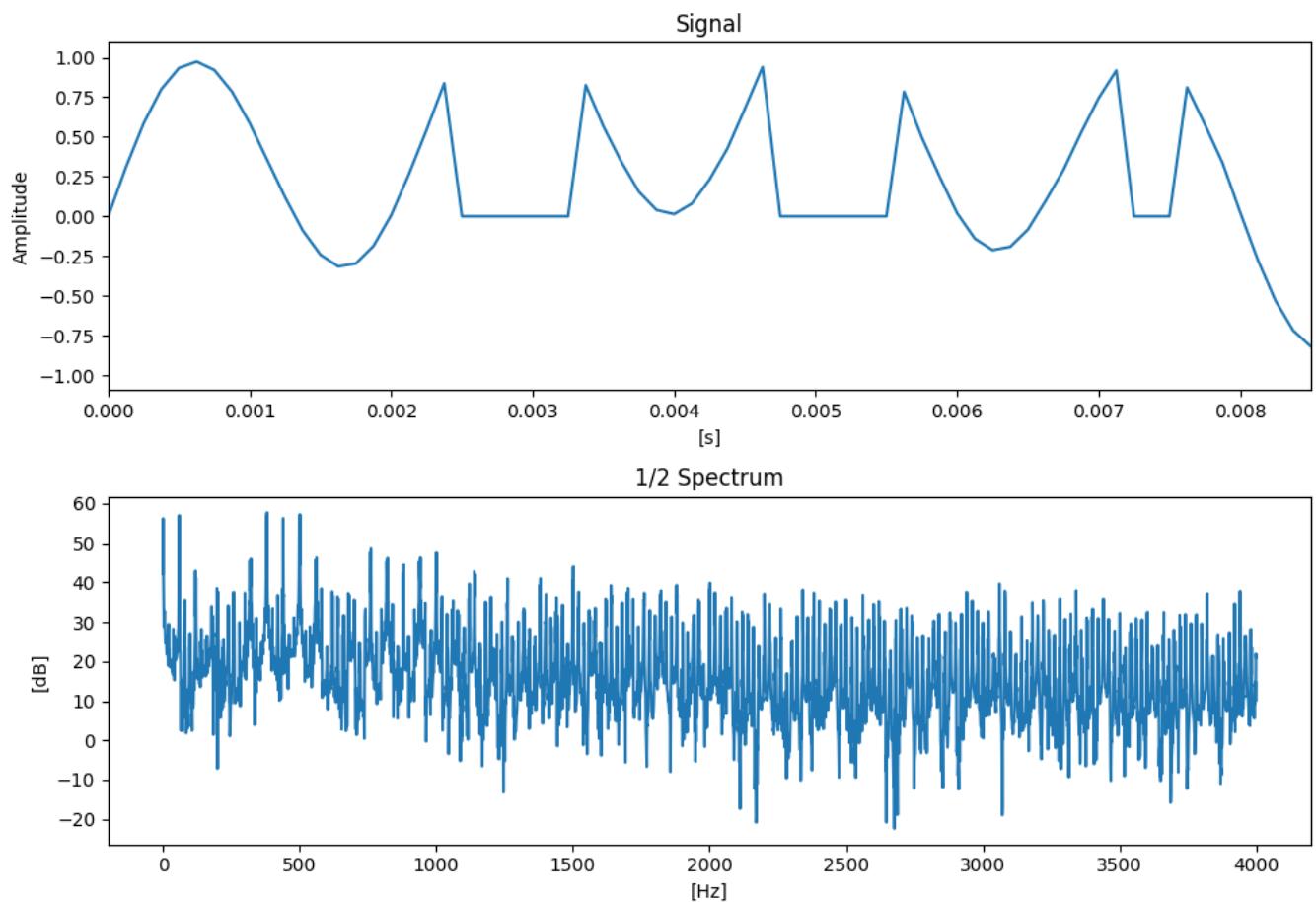


Metoda cubic

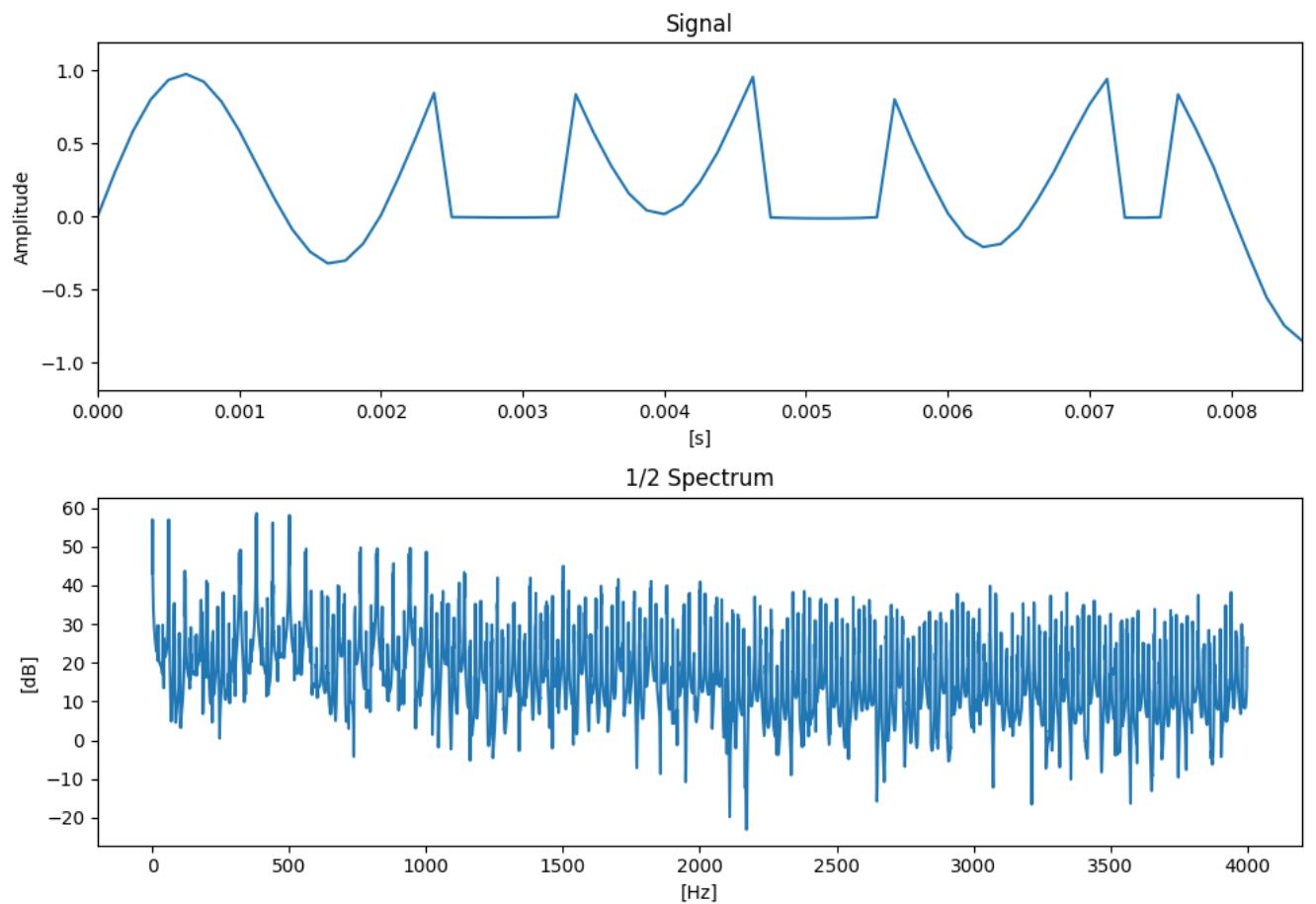


Interpolacja do 8000Hz

Metoda linear

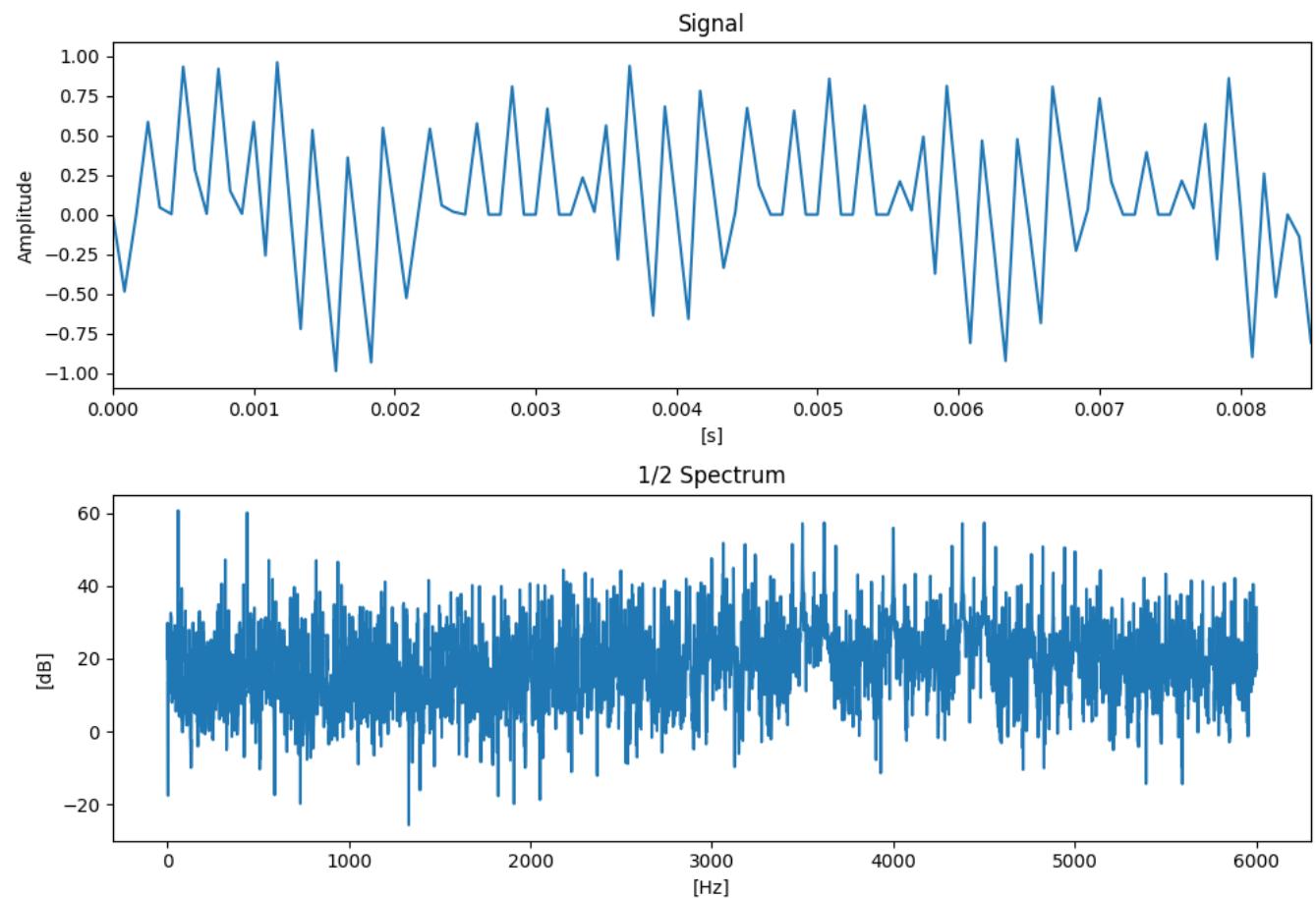


Metoda cubic

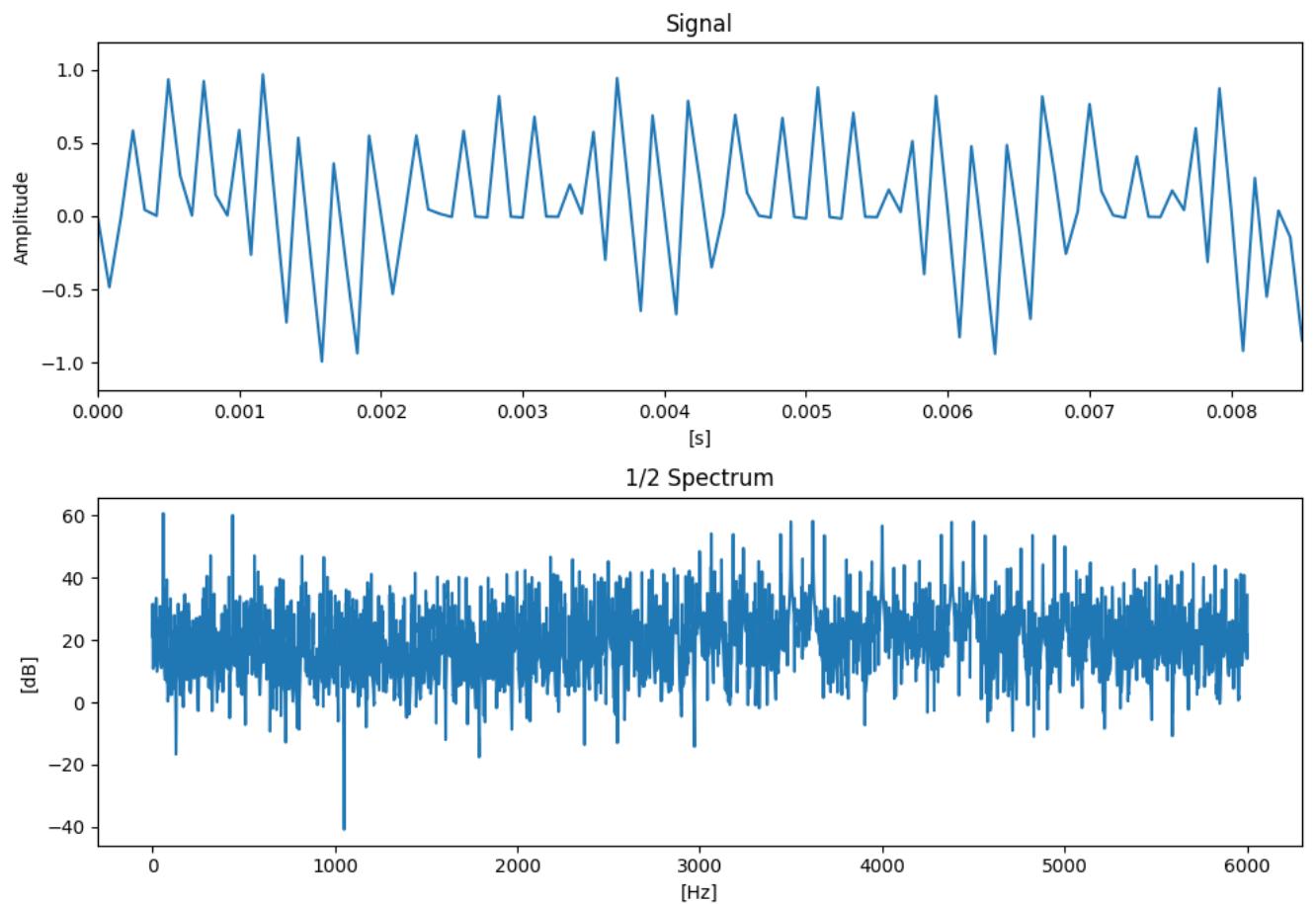


Interpolacja do 11999Hz

Metoda linear

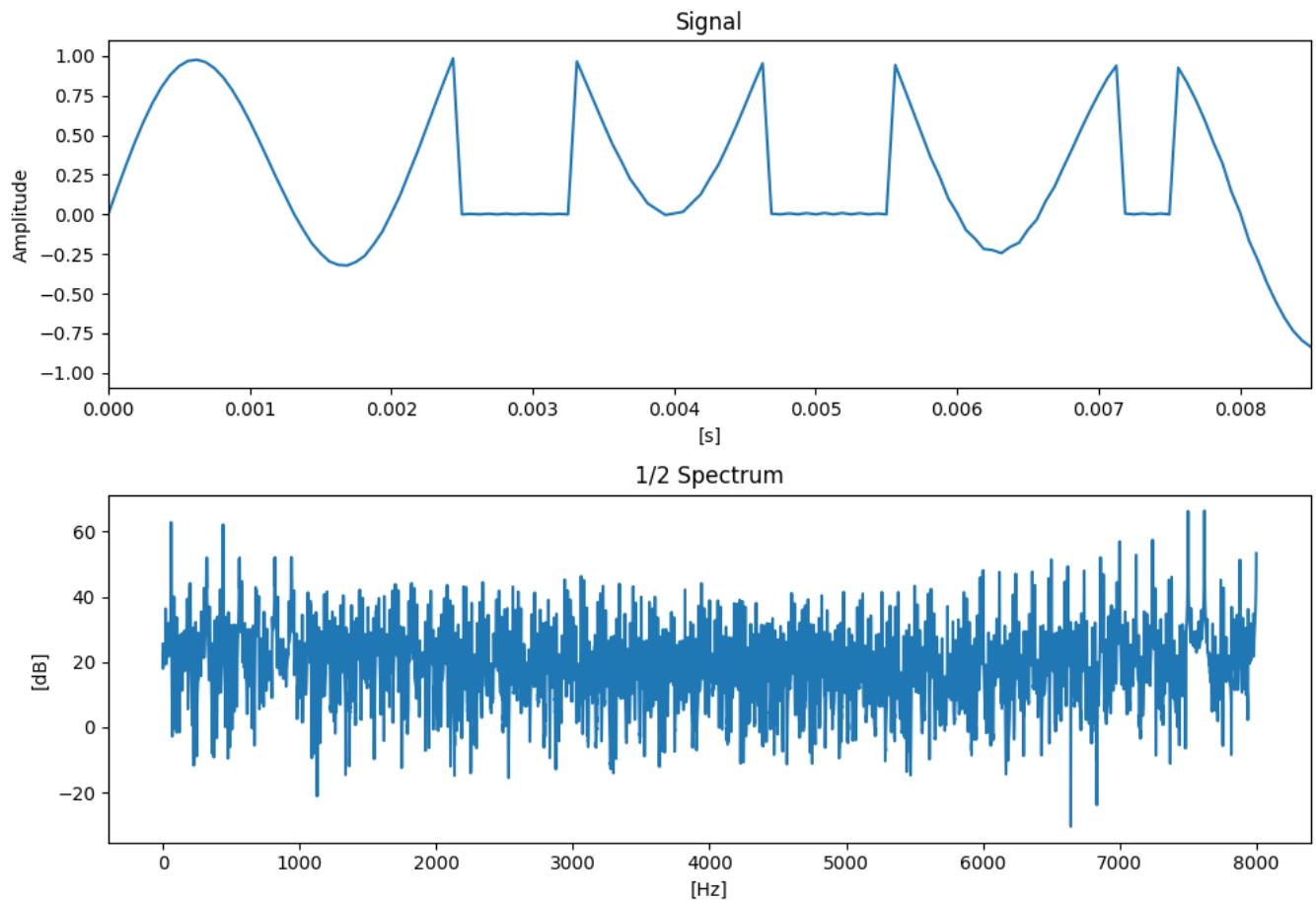


Metoda cubic

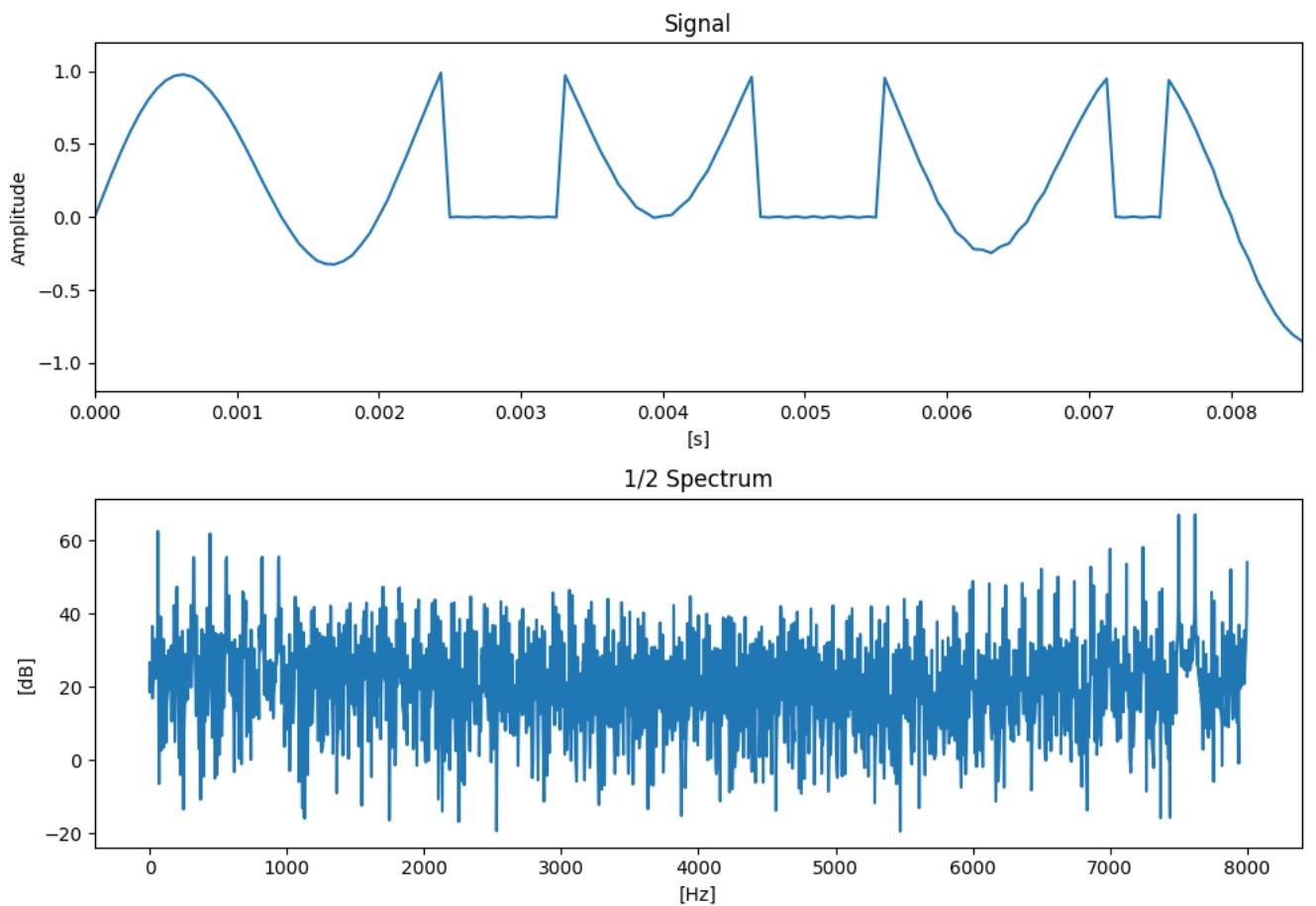


Interpolacja do 16000Hz

Metoda linear

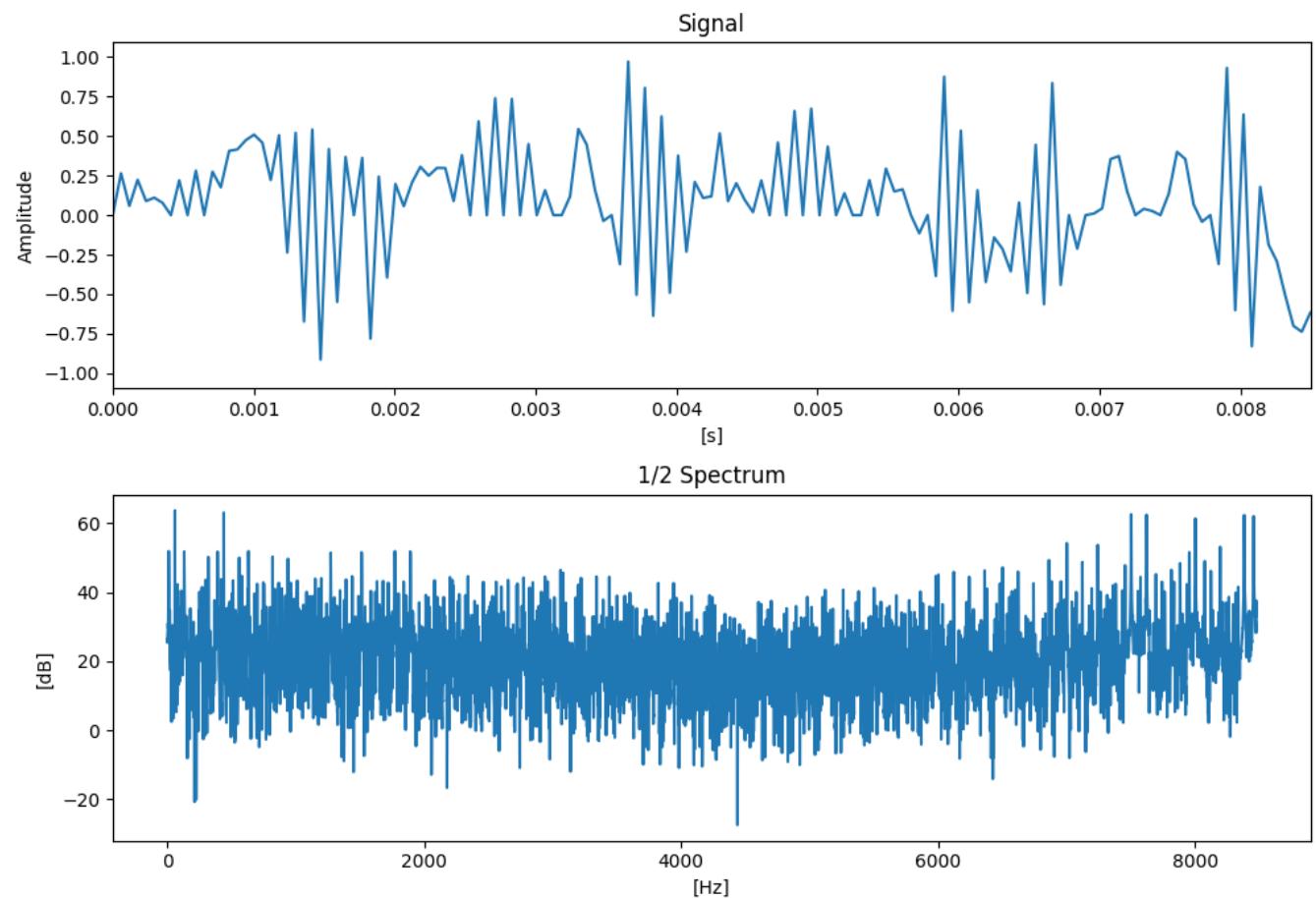


Metoda cubic

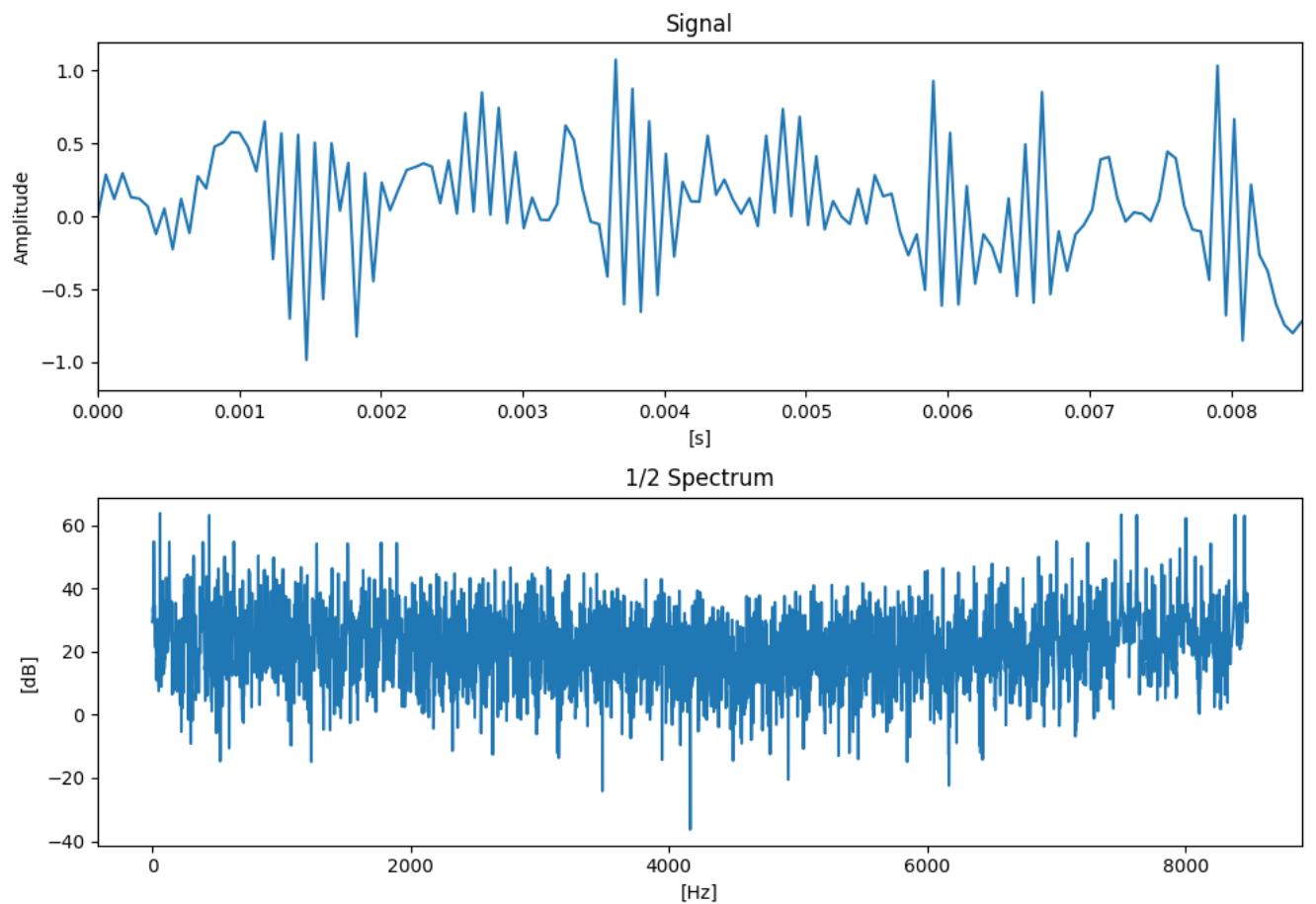


Interpolacja do 16953Hz

Metoda linear

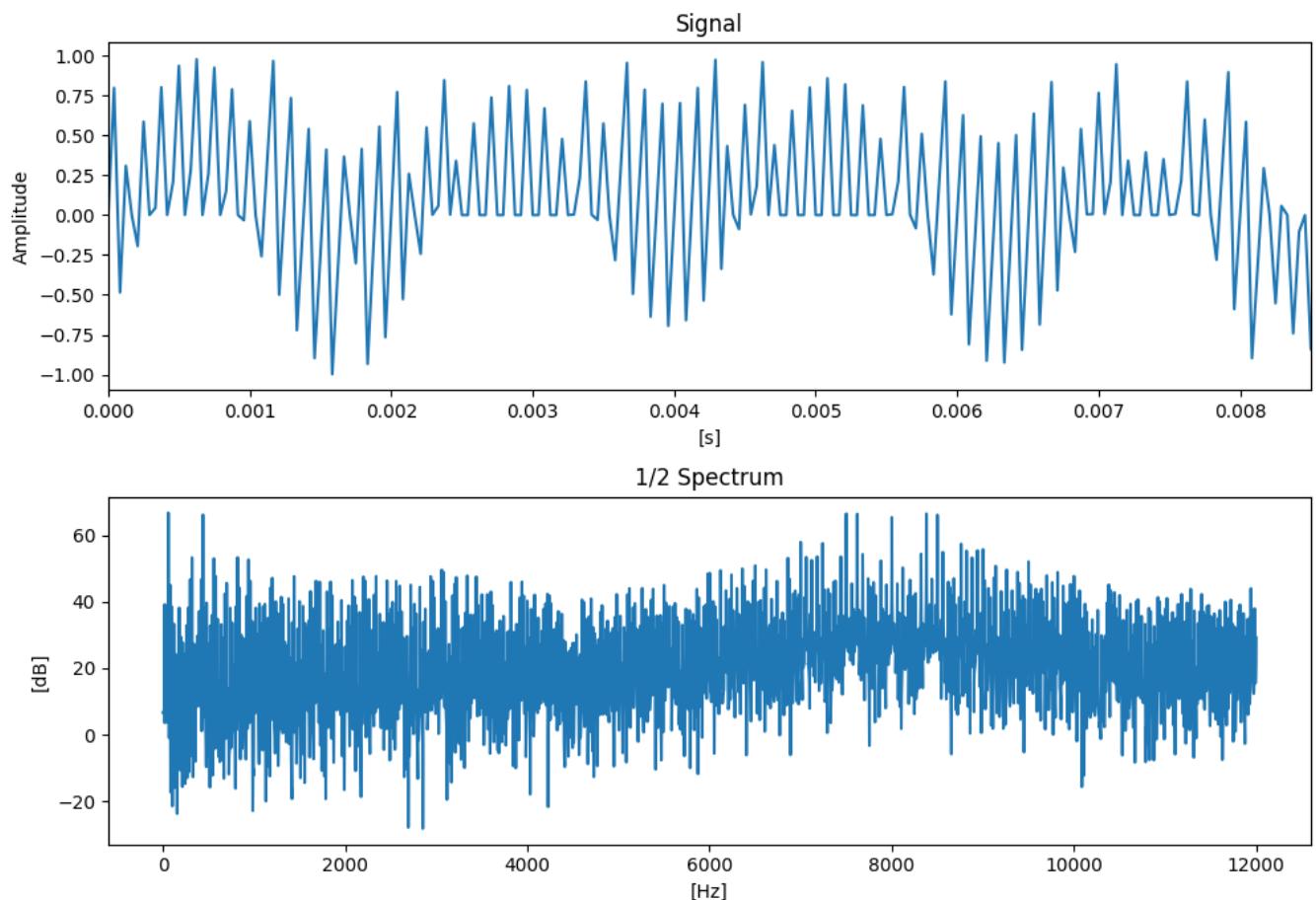


Metoda cubic

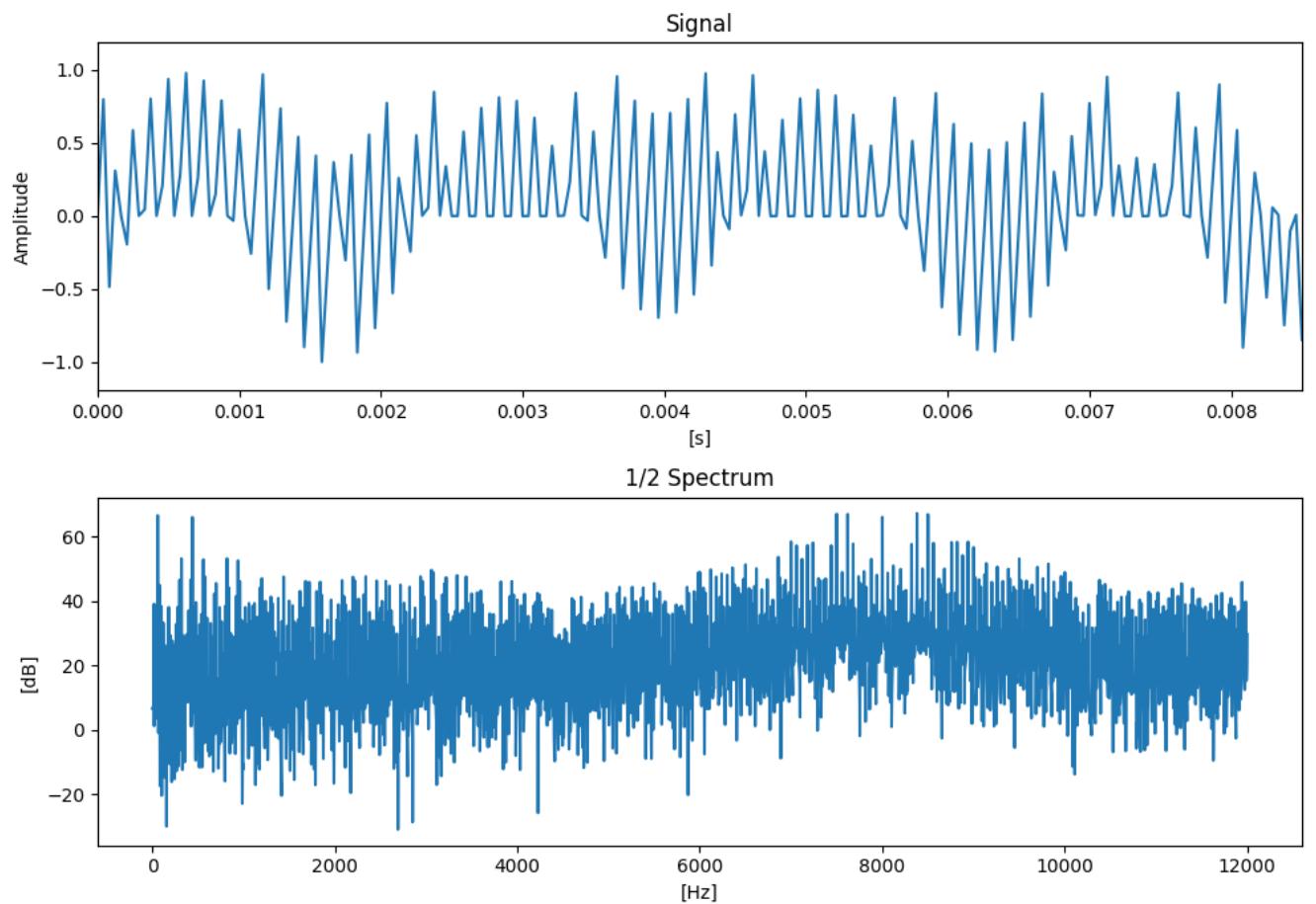


Interpolacja do 24000Hz

Metoda linear

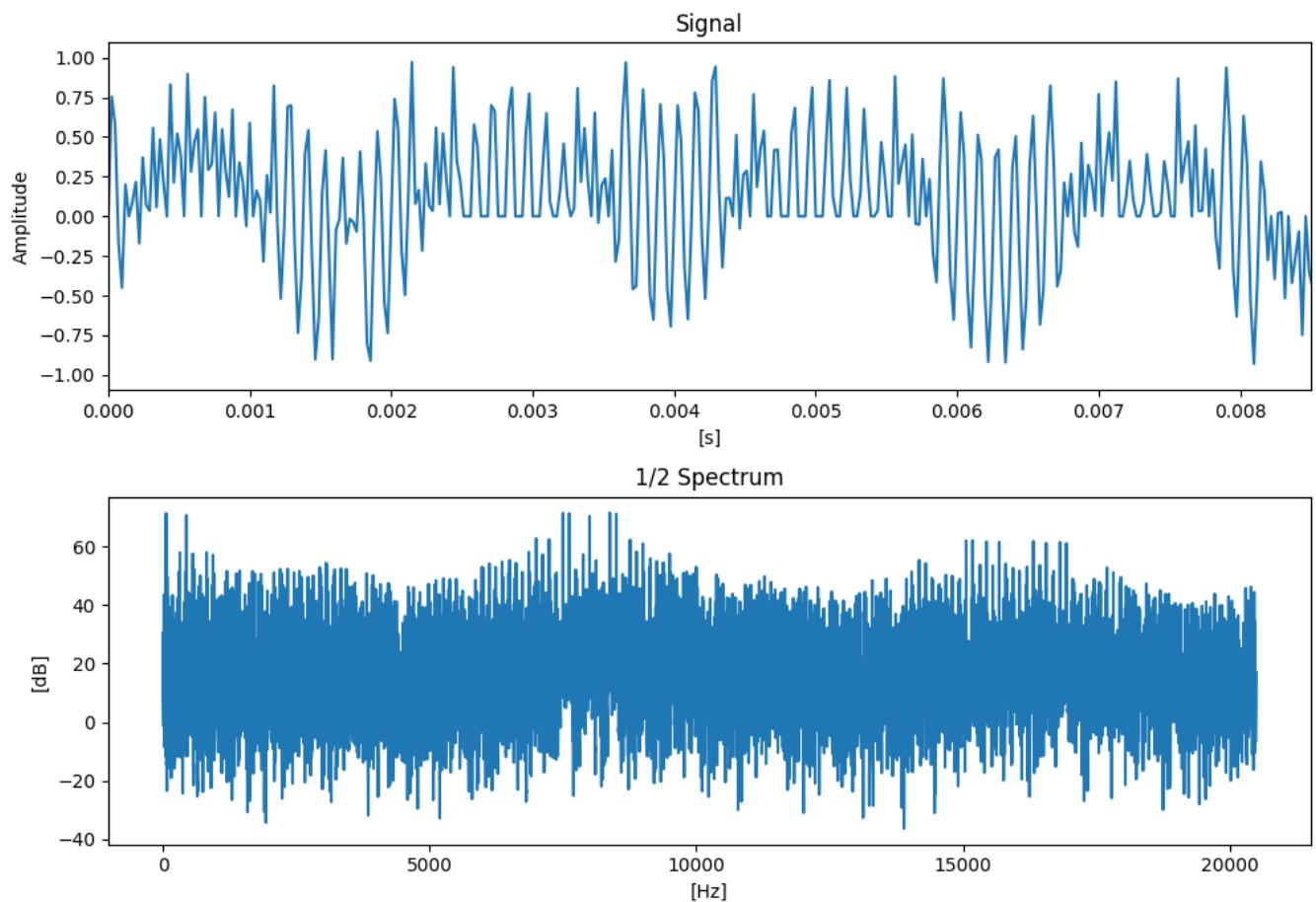


Metoda cubic



Interpolacja do 41000Hz

Metoda linear



Metoda cubic

