

Documentation

3

3.1

just load txt and plot

3.2

use the rift from the fat package

3.3-5

put all the data except first 10 percent to 0 and do the irfft which can be imported from the package.

Answer :

when I only persevere 10% of the data the curve is smoother and when I only persevere 2 % of the data the curve is more smooth and more away from the real data.

Since the FFT represent the signal in frequencies, delete information from the frequency domain will cause information loss and will cause the incompleteness of the original data, thus the deviation from the original graph.