

Assignment #7

1. Create digital data of sinusoidal waves of different frequencies, play them as audio signals, and plot them in the time and frequency domain
2. Add one of the created sinusoidal waves to the voice signal (test.wav) and plot the resulting signal in the time and frequency domain
3. Consider a method for eliminating the added sinusoidal wave from the signal of Q2 as much as possible, and show the result by plots of the signals in the time and frequency domain
4. Choose another sound clip you like (e.g. from soundbible.com). Compare time and frequency domains to that of test.wav and also apply steps 2 and 3.