

DSP Projects of Chapter 7

1. Download the two audio signal files with a sampling rate of 16 KHz (one is clean and the other is noisy) from the course Web site and process the signal as follows.
 - a. Show the spectrogram of the two audio signals
 - b. Remove the noise. You need to analyze the spectrum of the noise from the two audio files and design a filter to remove the noise.

Please upload your program and the results to the ftp site within two weeks after the date of project assignment. The audio signal files can be downloaded from the website. The ftp site can be found at the course website.