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ECE 714 – Fall ‘16

MatLab Assignment 6

1. [attached audio sample]

2.



3.



4. [attached audio signal]

The downsampled audio signal sounds muffled compared to the original.

5.



6.



7.



8.



9. [ attached audio sample ]

The filtered audio signal sounds very clear, but with background noise and ringing eliminated from the original sample.

10.



11. [ attached audio sample ]

The sample sounds clear, with background noise eliminated from the original audio sample.

12.



13.



14. [ attached audio sample ]

The upsampled version of the audio sample sounds grainier than the original with a loud ringing.

15.



16.



17. [attached audio sample]

The filtered version of the signal sounds clear, with no background noise and none of the ringing apparent in the upsampled version.

18.



19.

