

Agenda CENG 3315 February 28, 2022

Review Exam 1 AT END OF CLASS

Chapter4 [Ch4_Sampling1](#) [Ch4_Sampling2](#)

Chapter 4: HW3 [Lecture4_1](#) Check out some videos to prove Aliasing

[Lecture4_3](#) D to A [Ch4References](#) Videos and Article

4_Ch4_Presentation1_sampling1.pdf

4a_Ch4_Presentation2_Sampling2.pdf

4b_AliasDSPFirst-L09_TLH.pdf

4c_D2A_DSPFirst-L10_TLH.pdf

Ch4_AliasingProblemSession1.pdf

Ch4_AliasingProblemSession2.pdf

SAMPLING AND ALIASING REFERENCES_CH 4.pdf

Chapter 4. Click on Earphones

<http://dspfirst.gatech.edu/#04samplin>

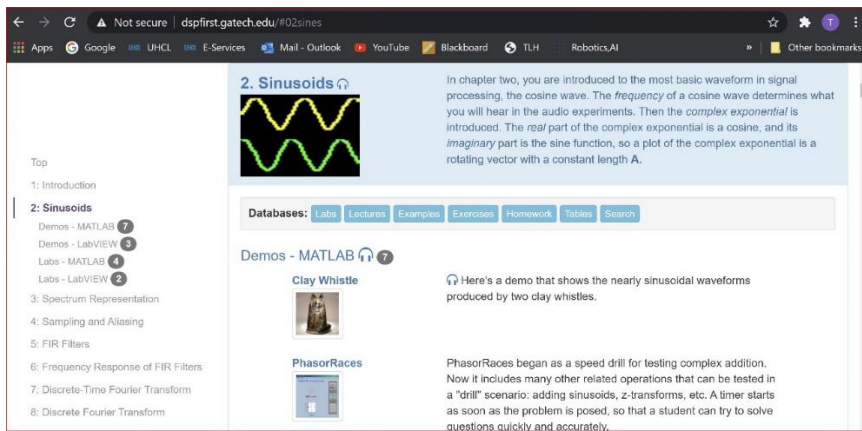
Labs, Lectures, etc. ENJOY

<http://dspfirst.gatech.edu/chapters/04samplin/demos/aliasing/overview.mp3>

Aliasing – Two undersampled sinusoid and third 600 Hz sampled at 2000 s/s

<http://dspfirst.gatech.edu/chapters/04samplin/demos/recon/square.html>

Click on 4x Nyquist and reconstruct a square wave with DtoA – Square Interpolation



The screenshot shows a web browser window displaying the dspfirst.gatech.edu website. The page is titled "2. Sinusoids" and features a plot of two sinusoidal waveforms. The text on the page explains that in chapter two, the cosine wave is introduced as the most basic waveform in signal processing, and the complex exponential is also introduced. Below the plot, there is a navigation menu with options like Labs, Lectures, Examples, Exercises, Homework, Tables, and Search. The "Demos - MATLAB" section is visible, listing "Clay Whistle" and "PhasorRaces" with brief descriptions of each.

Previous Lectures

Spectrum Lecture TLH