Statistical Inference (EECE5612) Spring 2021

Homework 6a (Assigned March 21, due March 28, 2022.)

Objective: The objective of this exercise is to experiment with frequency estimation.

Reporting: Your report should be typed, and not exceed one single-sided page. It should be written in a professional manner. Figures and mathematical expressions should be used whenever meaningful. Figures should always have axes labeled in appropriate units (e.g. time [s], time [ms], frequency [Hz], frequency [kHz], SNR or SNR [dB], etc.). Include any Matlab code as an appendix. Please put your name on top of the report.