ECE8423 Adaptive Signal Processing
Final Project (20 points)
Due: December 14, 2024

Please choose and implement one of the following topics:

1. Using the Inverse QRD-RLS algorithm to implement an adaptive noise canceller.
2. Using the Kalman filter to estimate parameters in an ARMA model (refer to Problem 2 in Homework 8).

You are required to submit a printed report in the following format:

1. A cover page containing the course number, project number, and your name.
2. A technical background section (no more than two pages).
3. A presentation of the detailed problem you choose to work on, the algorithm implementation, and discussion of the results you obtain.
4. Labeled figures, tables, references, etc.
5. Matlab code.