University of Sheffield

EEE339

Digital Signal Processing Coursework

Mohammed Ayman Shaikh

A report submitted in fulfillment of the module
EEE339 Digital Engineering

in the

School of Electronic and Electrical Engineering

April 1, 2025

Introduction

In this coursework, digital filters will be implemented in MATLAB to remove noise from Electrocardiogram (ECG) signals. ECG

Main Body

Below, two plots can be seen. The first plot