

Assignment4 submission 1

1. For the filter implemented in the demo program, what is the difference equation, transfer function, and impulse response? Use Matlab to plot the pole-zero diagram of the filter

Difference equation $y(n) = x(n) + 0.8 * x(n - 800)$

Transfer function $Y(z) / X(z) = 1 + 0.8 * z^{-800}$





