DWTLMS algorithm Convergence time (iterations) Residual error (RMSE) White noise input signal 2 1.5 1.5 θ θ 1 1 0.5 0.5 0 0.2 0.4 0.6 8.0 0.2 0.4 0.6 8.0 Pink noise input signal 2 1.5 1.5 θ θ 1 0.5 0.5 0 0.2 0.4 0.6 0.8 0.2 0.4 0.6 8.0 UAV noise input signal 2 1.5 1.5 θ 1 θ 1 0.5 0.5 0 0 0.4 0.6 0.4 0.2 0.8 0.2 0.6 0.8 0.2 0.4 0.6 0.8 1 1.2 1.4 1.6 1.8 2 0.5 1 1.5 $\times 10^{\text{-}15}$ $\times 10^4$