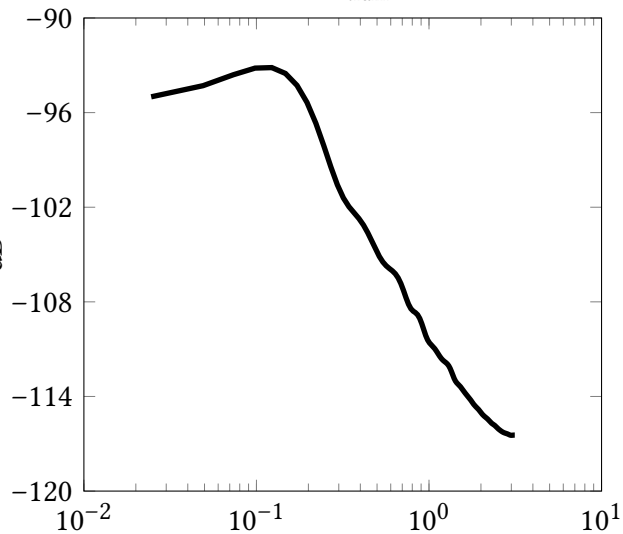
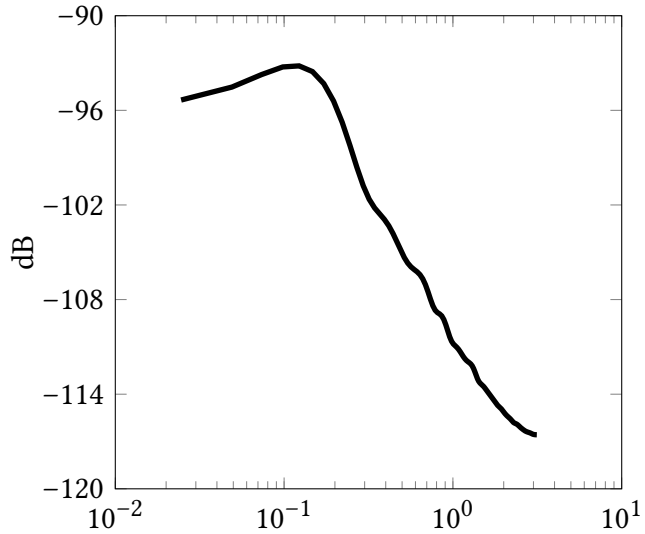
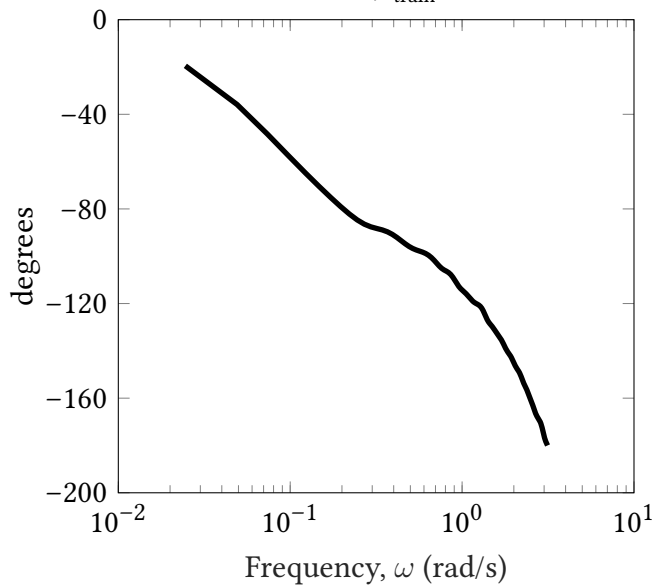


$|\tilde{Q}_{e,n_{\text{train}}}|$  $|\tilde{Q}_{e,p_{\text{train}}}|$  $\angle \tilde{Q}_{e,n_{\text{train}}}$  $\angle \tilde{Q}_{e,p_{\text{train}}}$ 