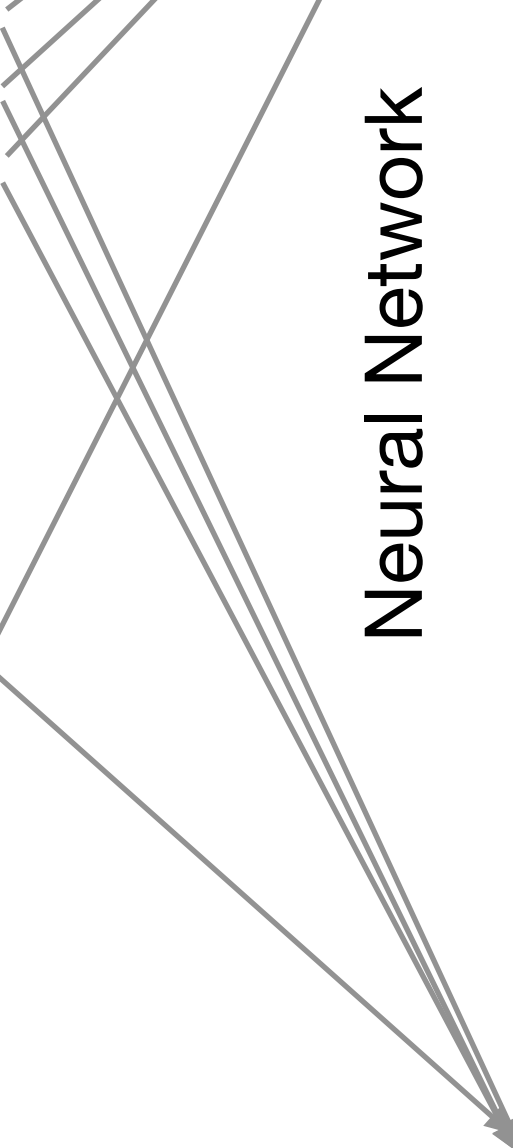
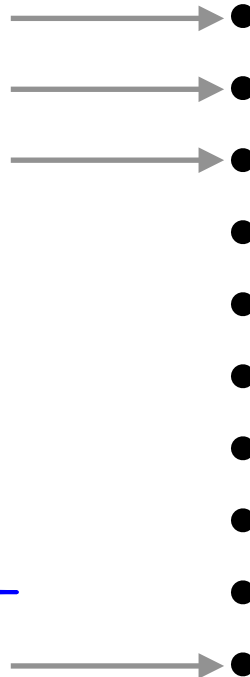
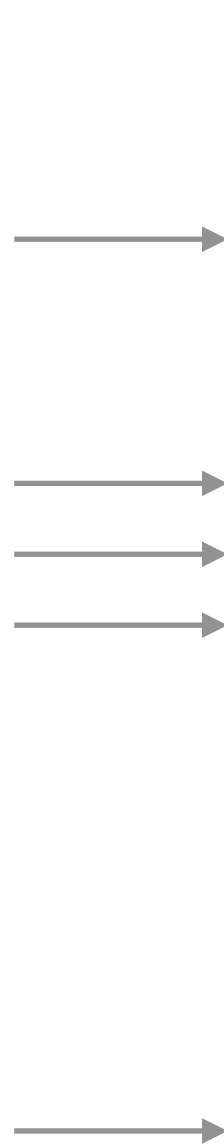


$x[n]$



Neural Network



$X_{\cos}[k]$



$X_{\sin}[k]$

$$\text{DFT}(x[n]) = X_{\cos}[k] + jX_{\sin}[k]$$