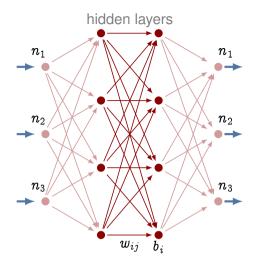
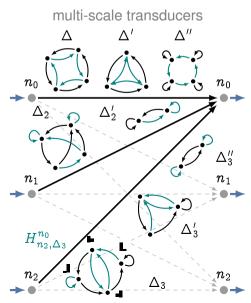
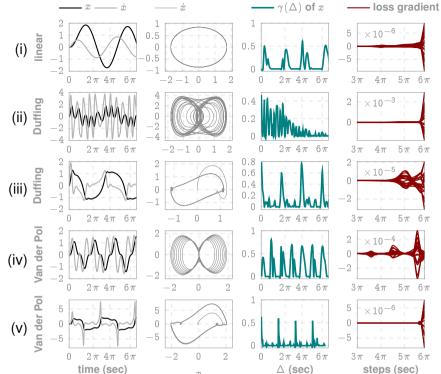
## a. Standard Deep Learning Architecture C. Coeff. of Causality ( $\gamma$ ) in F-nets vs gradient decay in back-propagation)



## b. NN-free Deep Learning Architecture





## d. Linear Combination of Inferred Local Activations with Memory

x

