

input

$$\mathbf{z}_{l-1}$$



neurons

$$\mathbf{W}_l$$



pre-activation

$$\mathbf{h}_l$$



importance
switch

$$\mathbf{s}_l$$



output

$$\mathbf{z}_l = \mathbf{s}_l \circ \sigma(\mathbf{h}_l)$$

nonlinearity