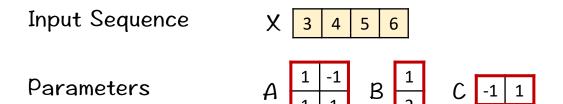
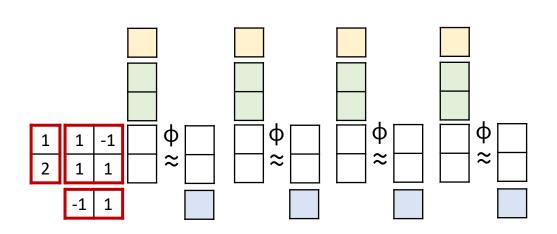
Recurrent Neural Network (RNN)



Activation Function ϕ : ReLU

Hidden States
$$H_0 = 0$$

Output Sequence Y



Recurrent Neural Network (RNN)

Input Sequence $X = \begin{bmatrix} 3 & 4 & 5 & 6 \end{bmatrix}$ Parameters $A = \begin{bmatrix} 1 & -1 \\ 1 & 1 \end{bmatrix}$ B $= \begin{bmatrix} 1 \\ 2 \end{bmatrix}$ C $= \begin{bmatrix} -1 & 1 \end{bmatrix}$

Activation Function ϕ : ReLU

Hidden States $H_0 = 0$

Output Sequence Y

