Forward Propagation in RNN

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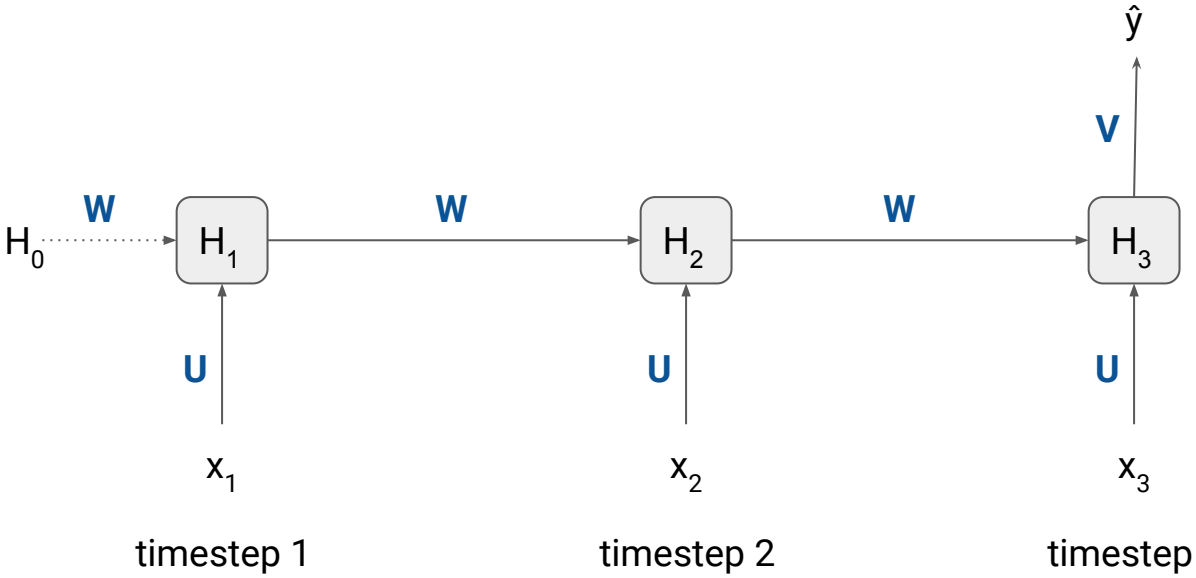
Forward Propagation



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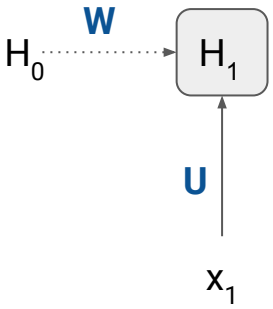

timestep 1

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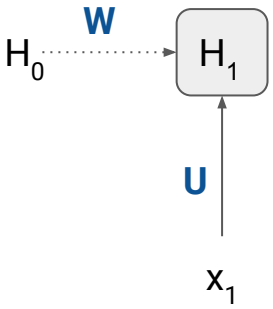
Forward Propagation

$$H_1 = g(W.H_0 + Ux_1)$$



timestep 1

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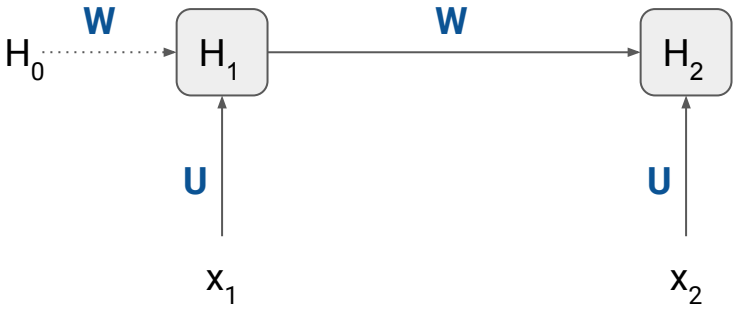
Forward Propagation

$H_1 = g(W.H_0 + Ux_1)$ $H_2 = g(W.H_1 + Ux_2)$



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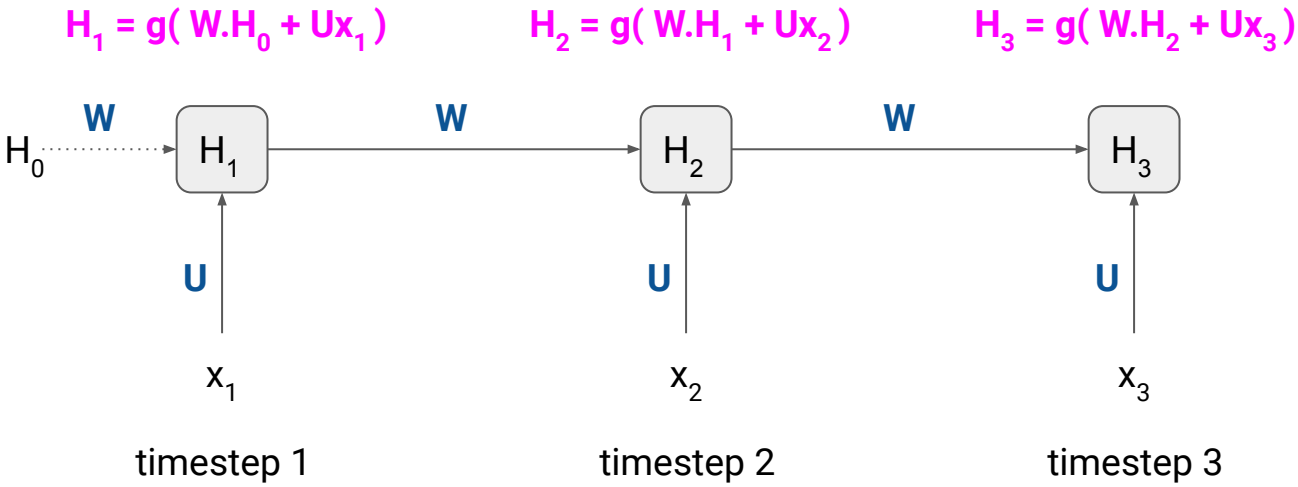
Forward Propagation



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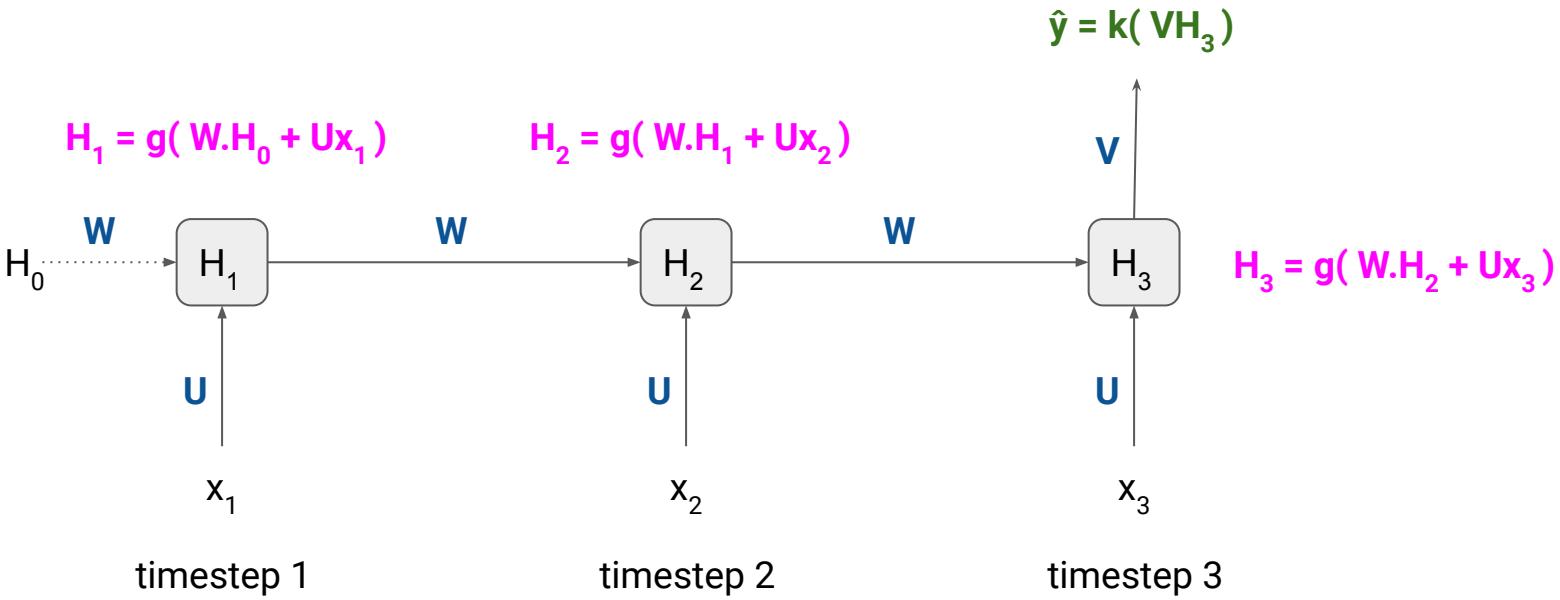
Forward Propagation



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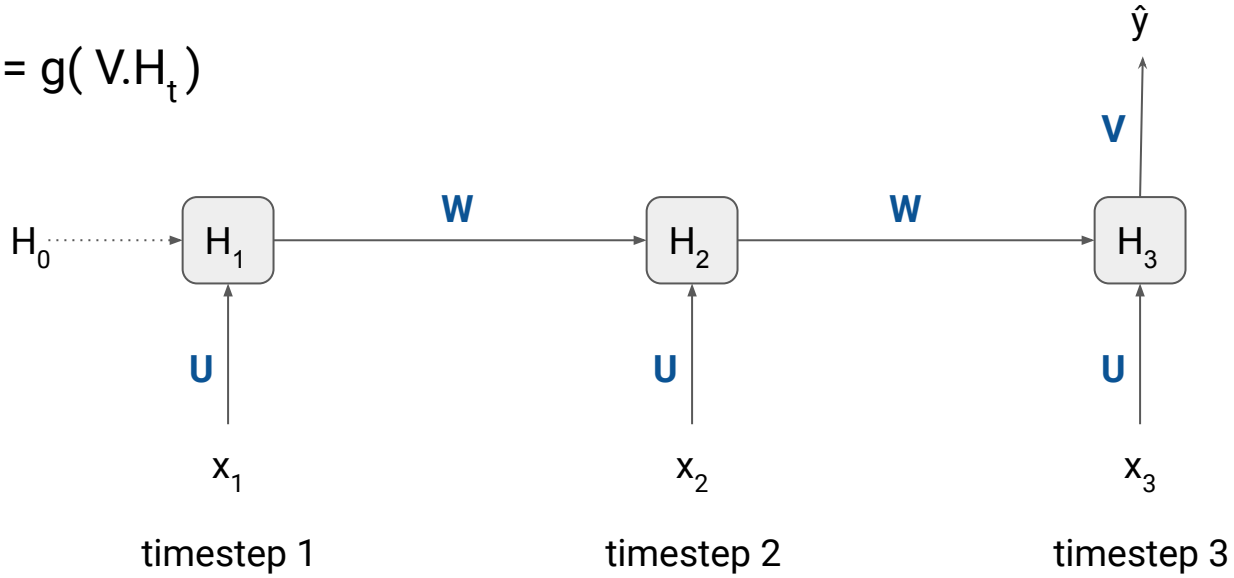
Forward Propagation

$$H_t = g(W.H_{t-1} + Ux_t)$$

$$\hat{y}_t = g(V.H_t)$$



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Thank You

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