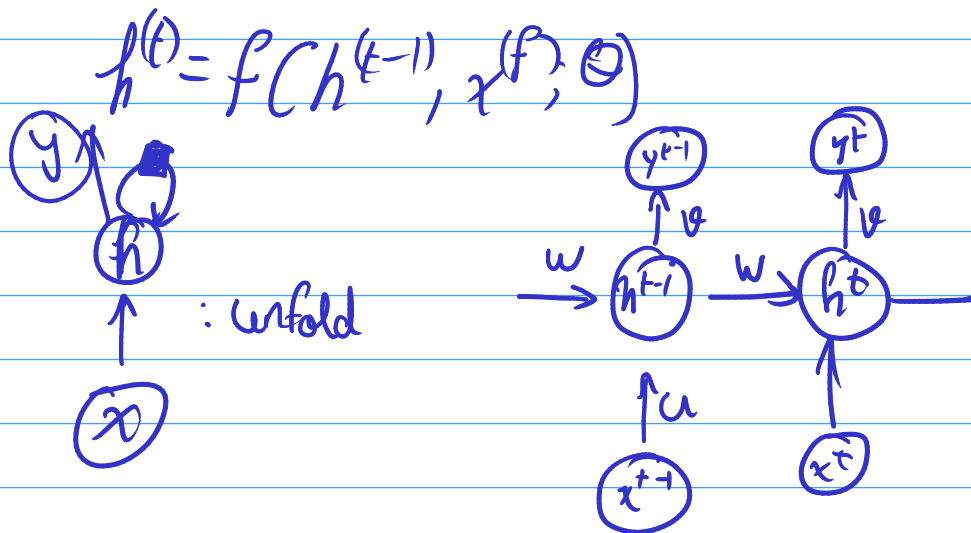


Recursive function



$$\begin{cases} s^{(1)} = g^{(1)}(x^{(1)}) \\ s^{(2)} = g^{(2)}(x^{(1)}, x^{(2)}) \\ s^{(3)} = g^{(3)}(x^{(1)}, x^{(2)}, x^{(3)}) \\ s^{(k)} = g^{(k)}(x^{(1)}, x^{(2)}, \dots, x^{(k)}) \end{cases}$$

today's infosys stock price \rightarrow today's condition
 yesterday's MSE
 \hookrightarrow depends on
 Day before's ...