

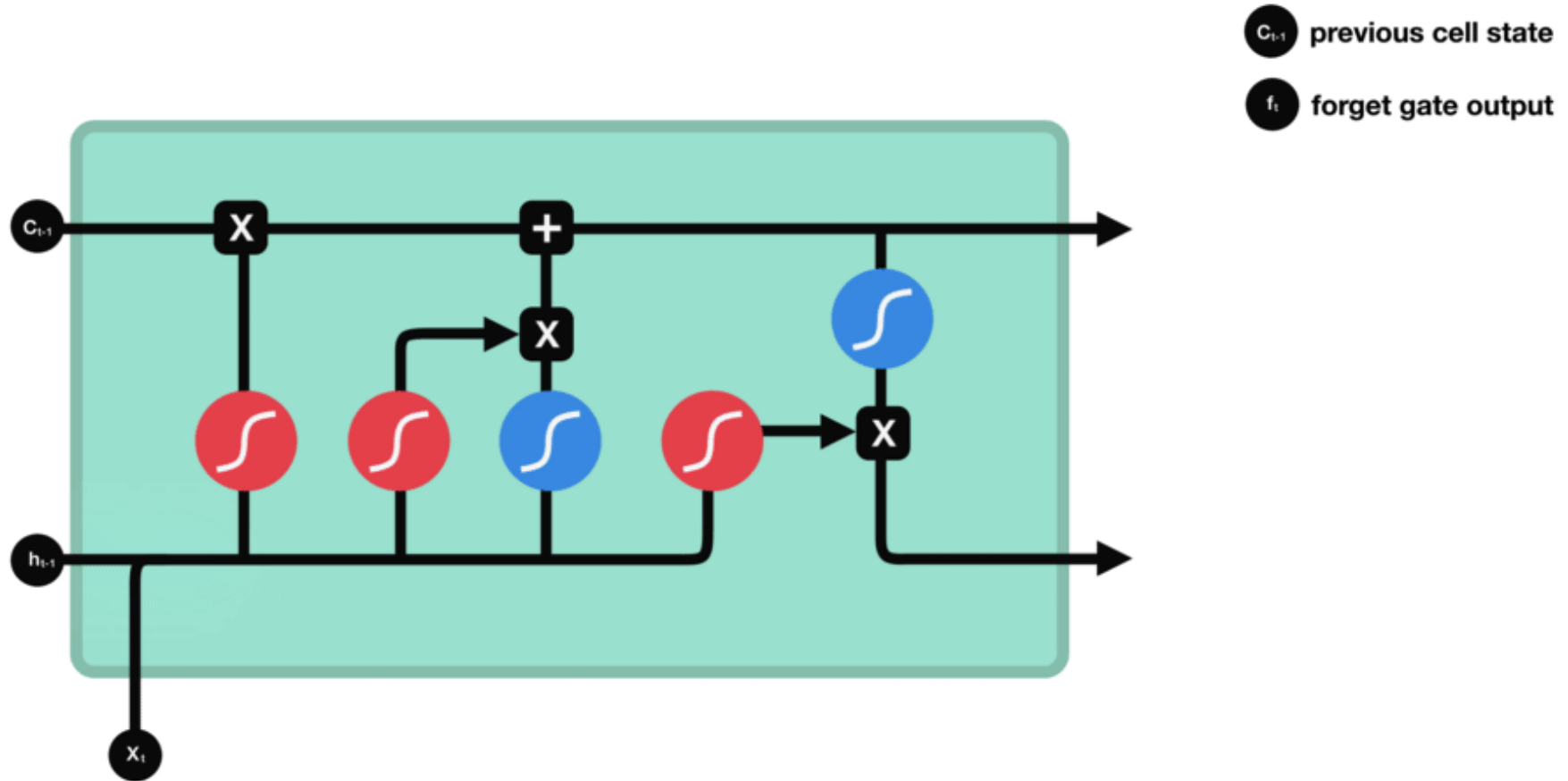
LSTM实战

主讲：龙良曲

Outline

- LSTM
 - GRU
 - simpler
 - lower computation cost
-

GRU



GRU

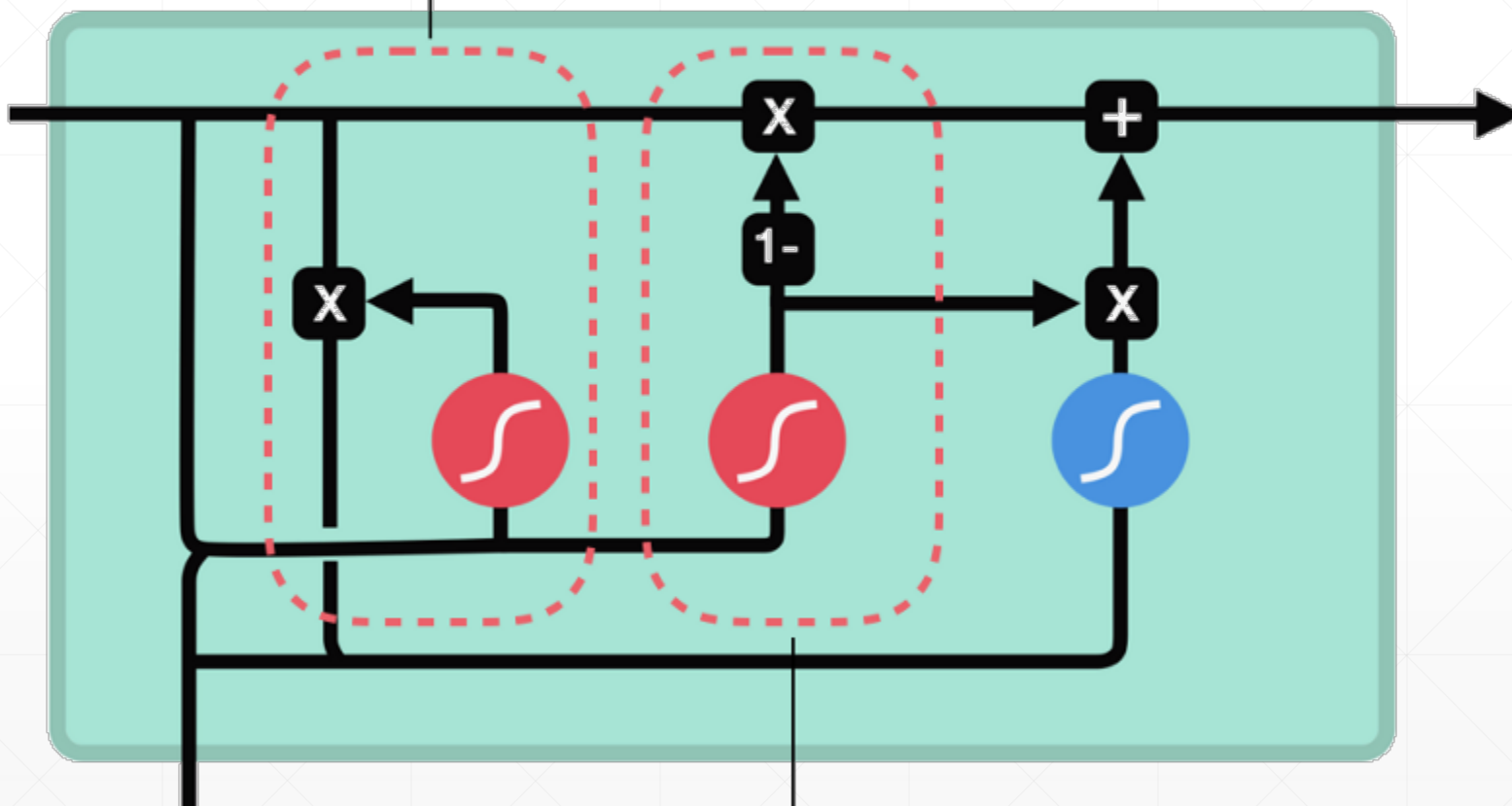
reset gate

$$z = \sigma(x_t U^z + s_{t-1} W^z)$$

$$r = \sigma(x_t U^r + s_{t-1} W^r)$$

$$h = \tanh(x_t U^h + (s_{t-1} \circ r) W^h)$$

$$s_t = (1 - z) \circ h + z \circ s_{t-1}$$



update gate

下一课时

无监督学习

Thank You.
