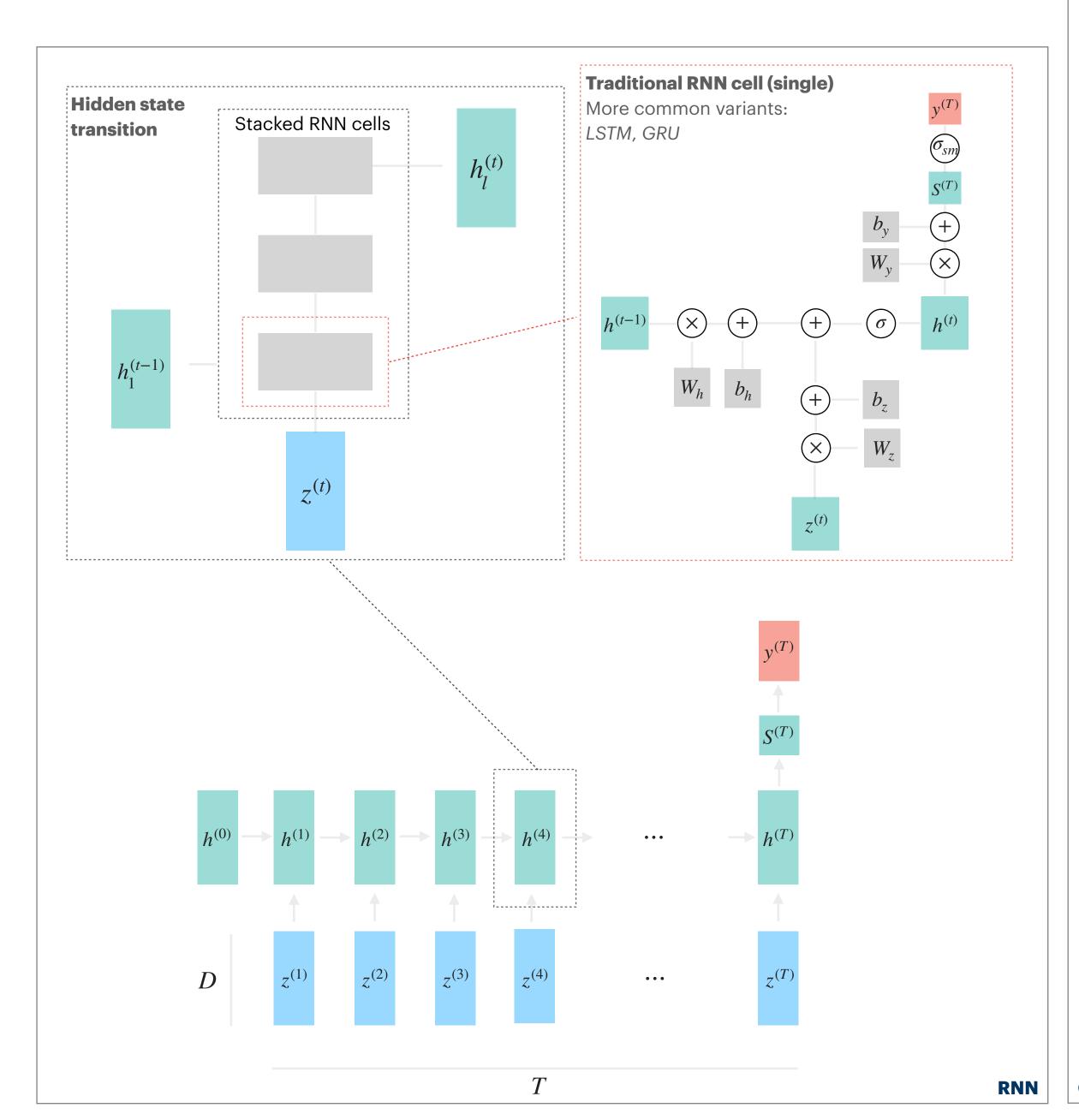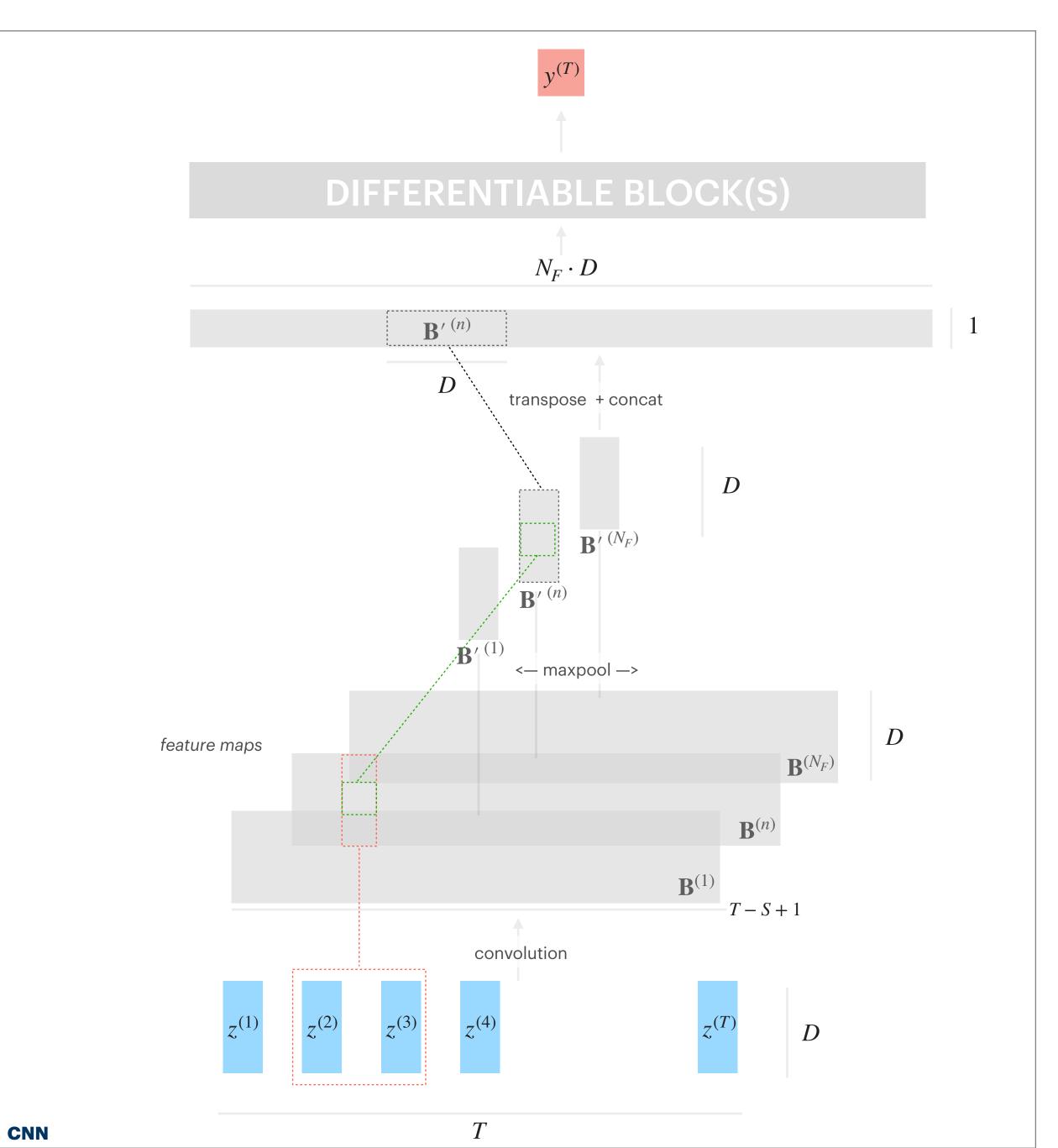# Recap: RNNs and CNNs

Sequence to sequence modeling

Traditional RNN cell (single)
More common variants: *LSTM, GRU*

Encoder network

Decoder network

Neural Machine Translation (NMT)

J'aime le café le matin → I love coffee in the morning

Neural text generation

I love coffee in the morning when I wake up.

prompt   *output*