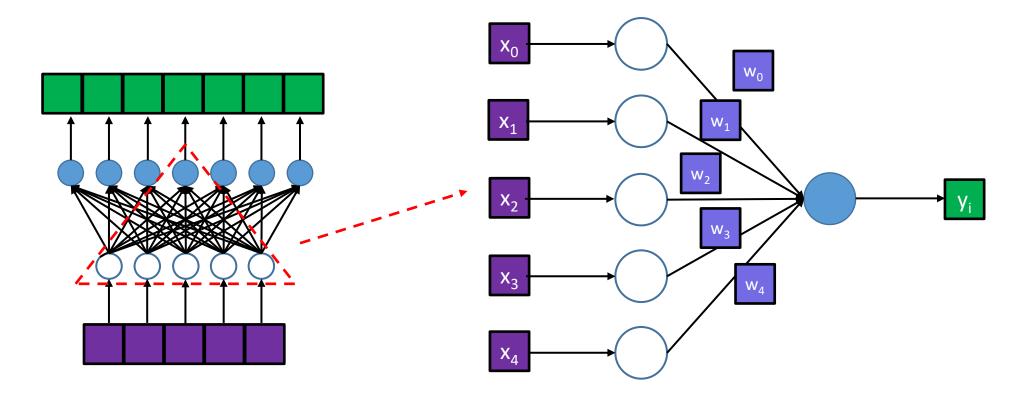


AttentionとSelf-Attentionの仕組み

徐 宏坤

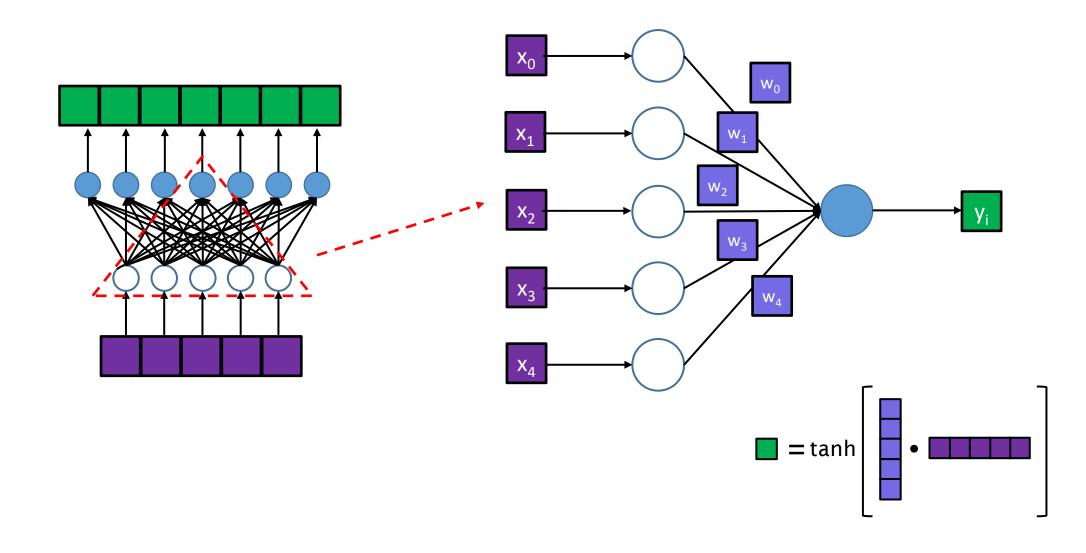
2021.04.23



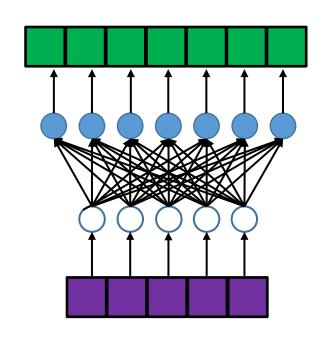


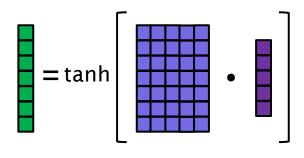
 $y_i = tanh(x_0w_0 + x_1w_1 + x_2w_2 + x_3w_3 + x_4w_4)$



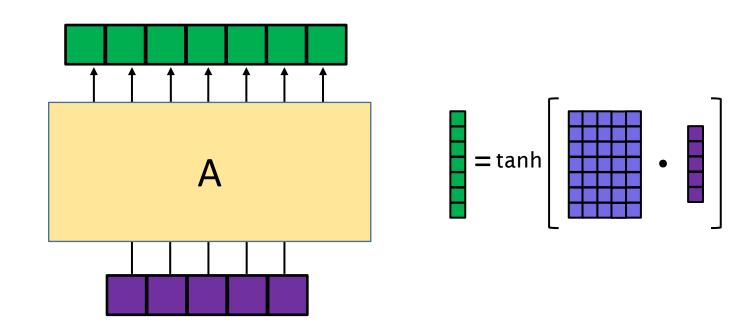




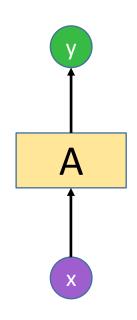


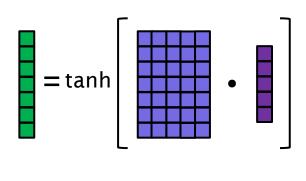




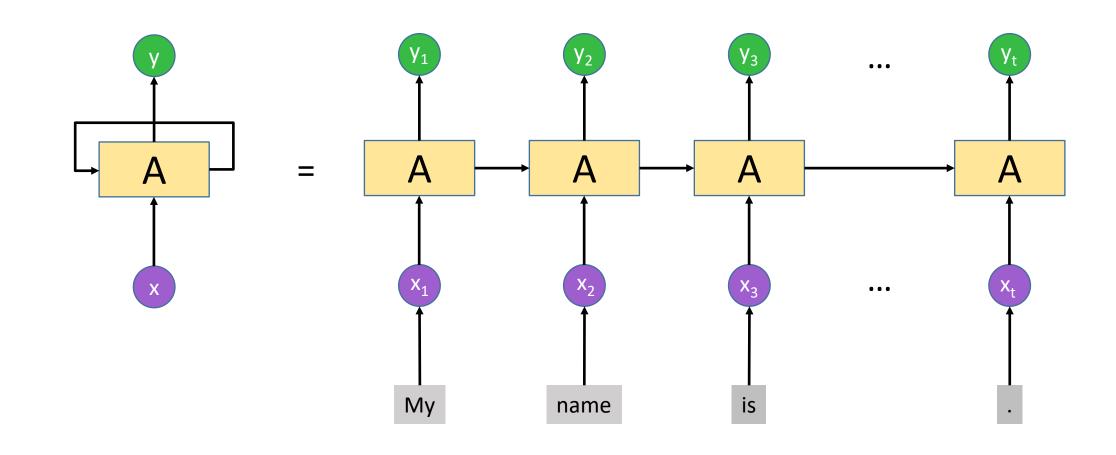






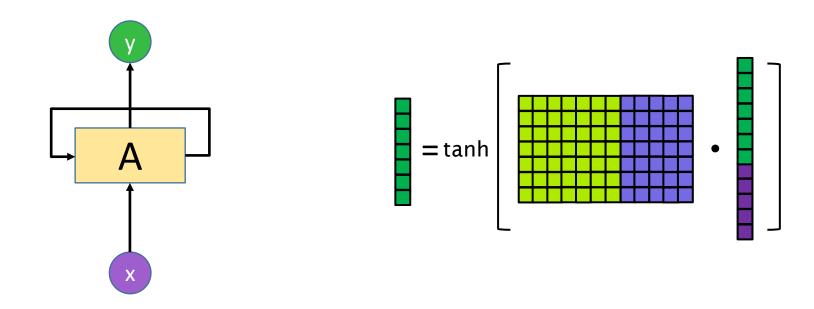


再帰型ニューラルネットワーク(RNN)



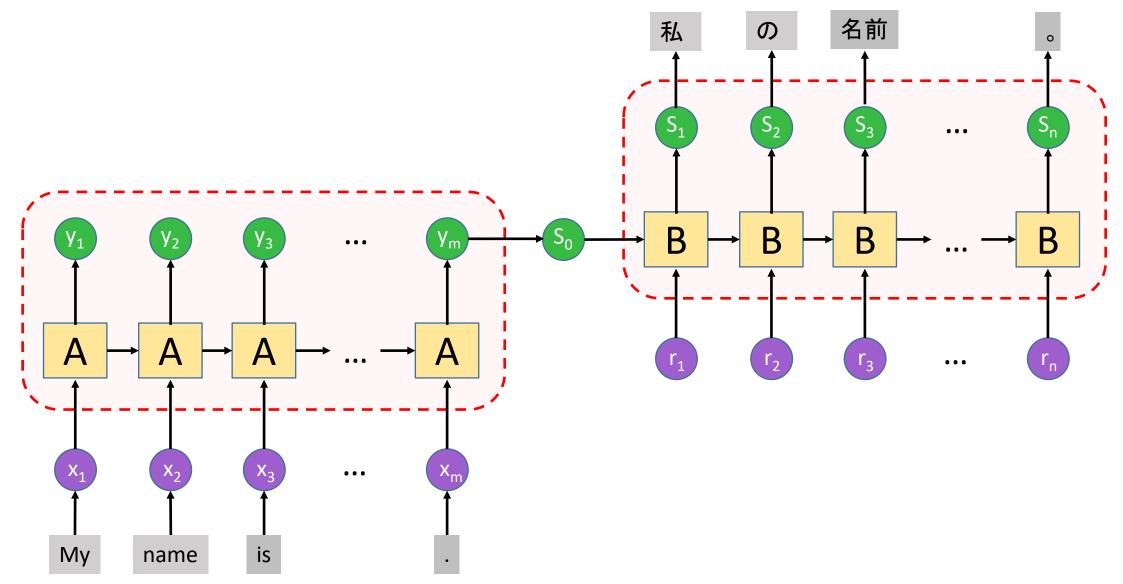


再帰型ニューラルネットワーク(RNN)



₩

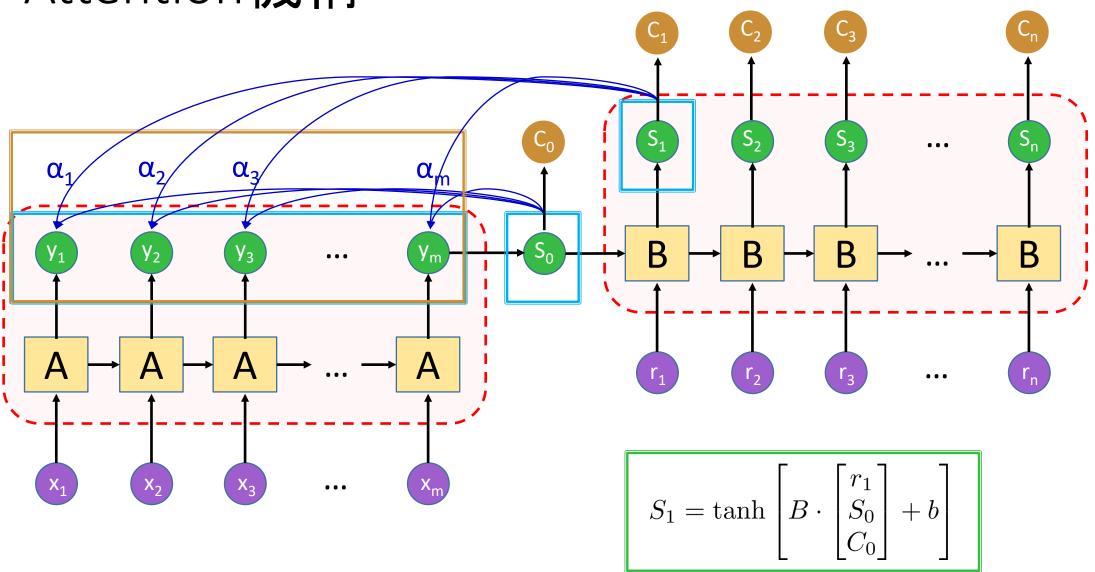
Seq2Seqモデル(機械翻訳用)





 $C_0 = \alpha_1 y_1 + \alpha_2 y_2 + \alpha_3 y_3 + \dots + \alpha_m y_m$

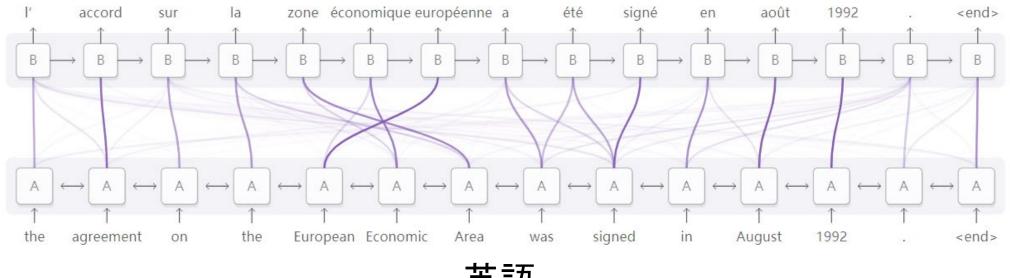
Attention機構





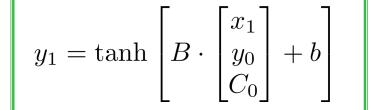
Attention機構

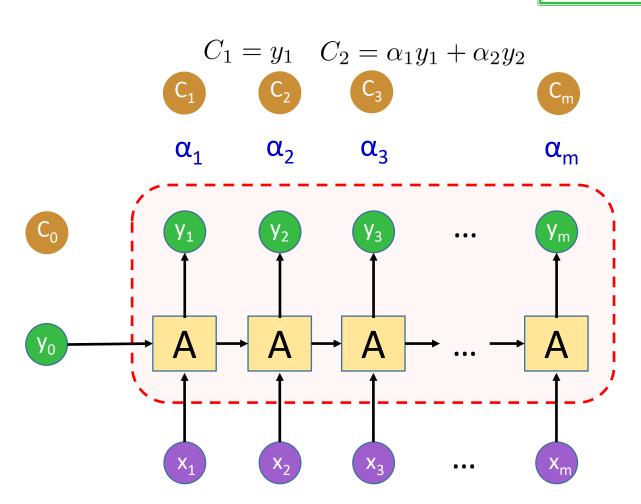
フランス語





Self-Attention機構





ご清聴ありがとうございました