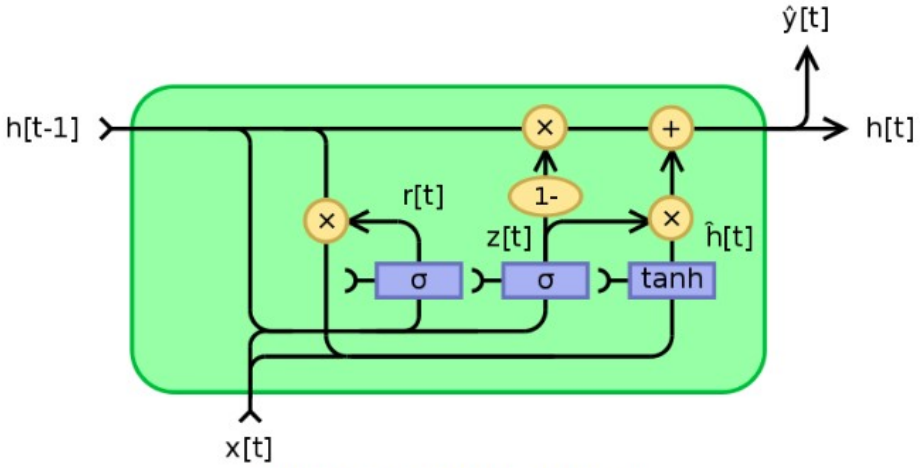
Word	Description
Gated Recurrent Unit (GRU)	The GRU is a variant of the LSTM (Long Short Term Memory) and was introduced by K. Cho. It retains the LSTM's resistance to the vanishing gradient problem, but because of its simpler internal structure it is faster to train. Instead of the input, forget, and output gates in the LSTM cell, the GRU cell has only two gates, an **update gate z**, and **a reset gate r**. The update gate defines how much previous memory to keep, and the reset gate defines how to combine the new input with the previous memory.  Gated Recurrent Unit, fully gated version