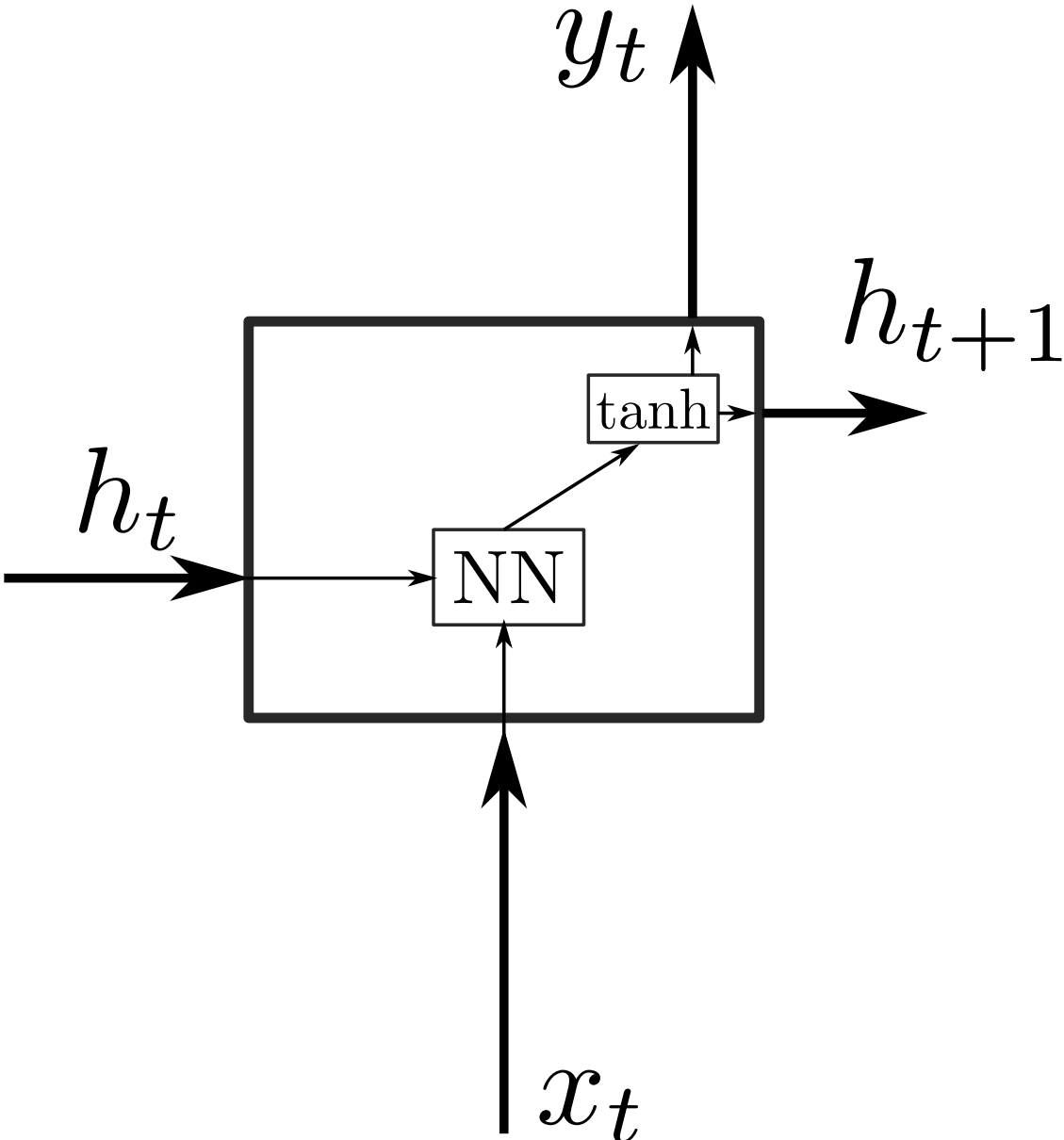
y_t
h_{t+1}
tanh
h_t
NN
x_t