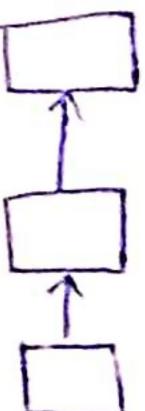
(10

Receivement Neunal Network

One to one



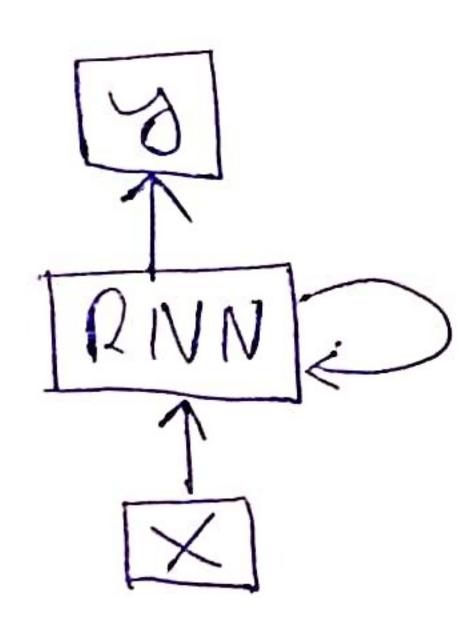
Vanilla Neurd Netruk -> One tomas [Imago Caption, has]

-> many to one (Sentiment Classification)

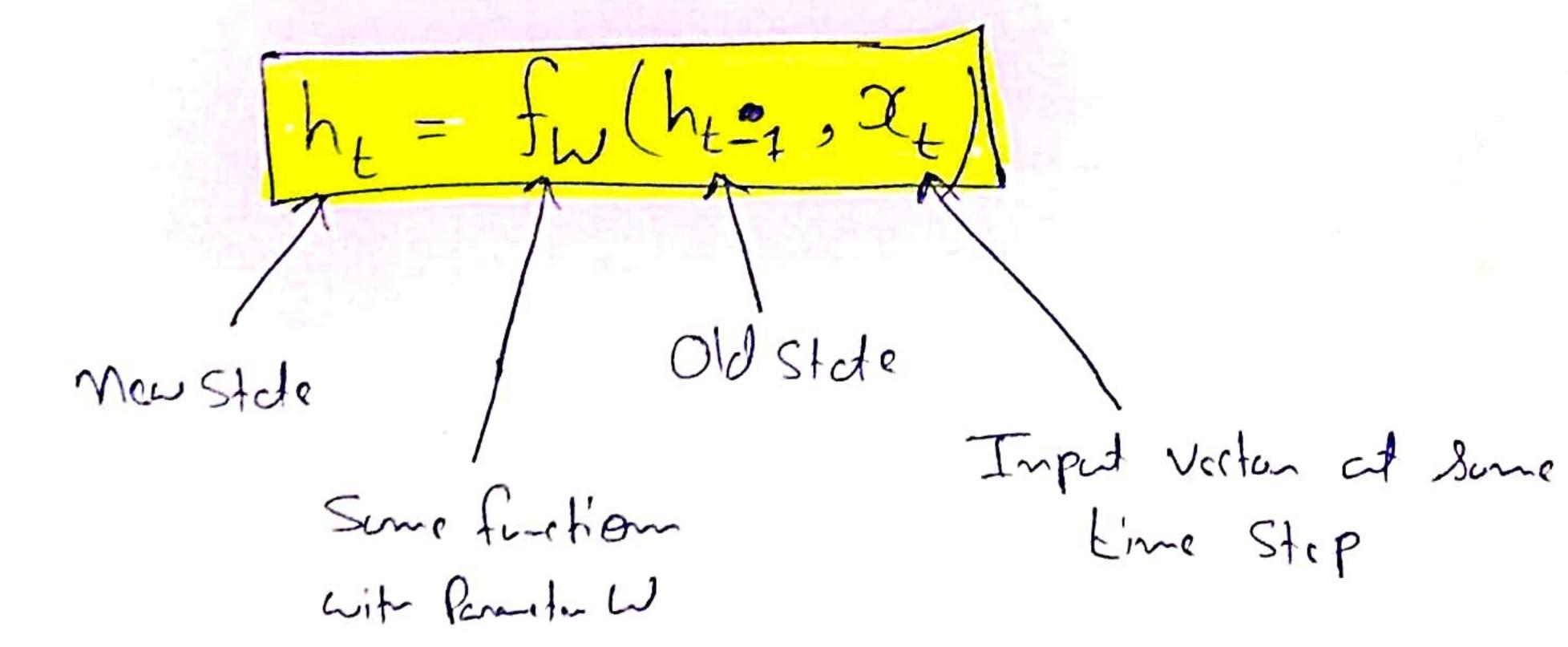
-> many to many [Machine Tsasktion]

[Video classification on]

France level

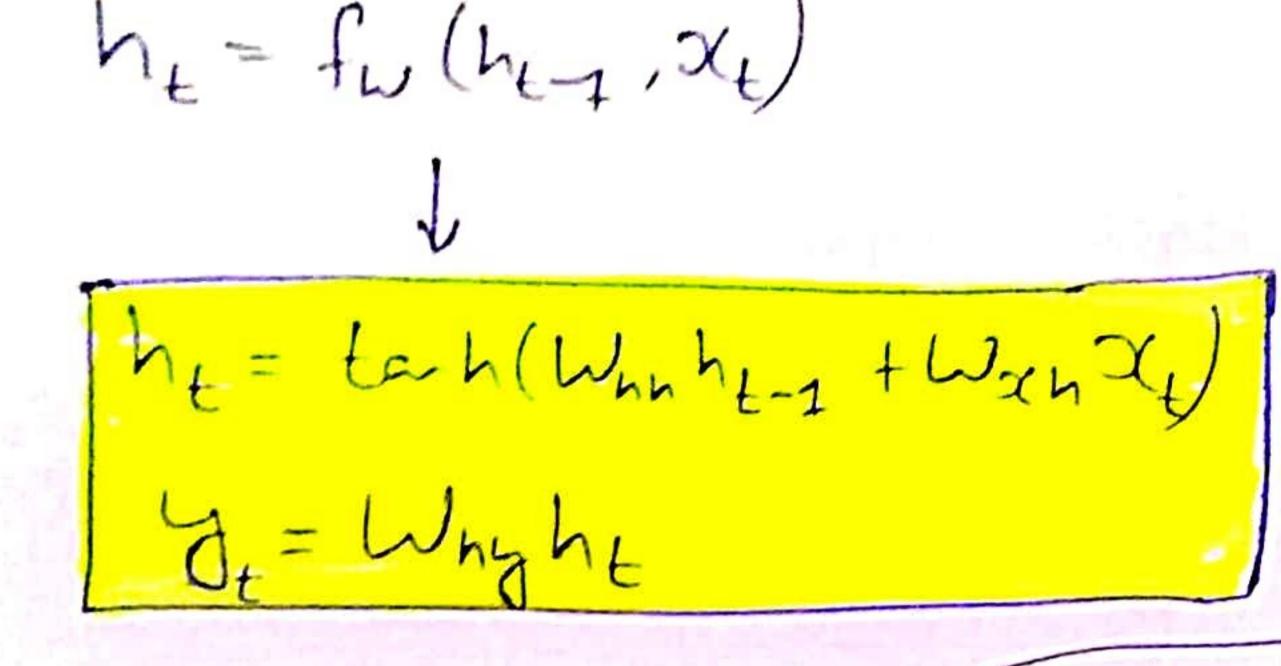


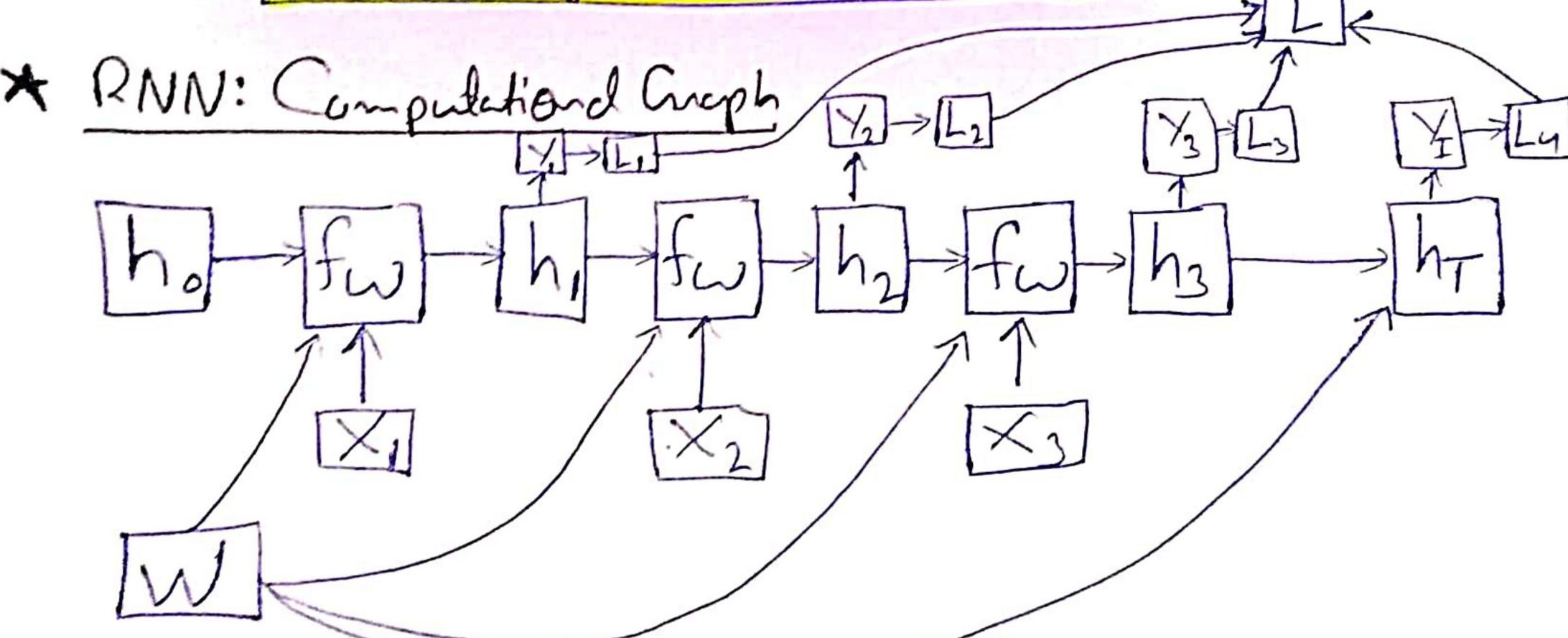
=> We can process a Sequere of victors of by opploing a securrence formula of every time step:



=> Notice: The same function & the same set of Parameters are word at every time stop.

* (Vanilla) Recurrent Neurd Network





=> De-use the Same wigh medix of and time- stop.

Encude inped Scarning -> Produce Octpute Sequeral
in a Single vietar) -> Francisco Single input victure

Towncaled backward propagation through time

For farmed & backward through Churks of the

Sequere instead of whole Sequence.

Les Cares Hidden States formed in time former, but only back propagate for Same Smaller ruber of steps.