$oldsymbol{a}^{(t)}$	=	$\boldsymbol{b} + \boldsymbol{W} \boldsymbol{h}^{(t-1)} + \boldsymbol{U} \boldsymbol{x}^{(t)}$	(10.8)
$oldsymbol{h}^{(t)}$	=	$ anh(oldsymbol{a}^{(t)})$	(10.9)
$oldsymbol{o}^{(t)}$	=	$oldsymbol{c} + oldsymbol{V} oldsymbol{h}^{(t)}$	(10.10)
$\hat{\boldsymbol{y}}^{(t)}$	=	$\operatorname{softmax}(\boldsymbol{o}^{(t)})$	(10.11)