Equation assignment sequence for variable $\hat{q}$

no	var	equ	quations	token
10	23	-	$r_{zN} ::$ port variable	
9	10	-	$r_{yN} ::$ port variable	
8	12	-	$S_N ::$ port variable	
7	11	-	$U_N ::$ port variable	
6	1	-	$\# ::$ port variable	
5	127	-	$D_{N,A} ::$ port variable	
4	95	71	$A_{yzN} := r_{yN} \cdot r_{zN}$	
3	34	131	$k^q_{xN} := \mathrm{Instantiate}(k^q_{xN}, \#)$	
2	16	7	$T_N := \frac{\partial U_N}{\partial S_N}$	
1	16	113	$T_N := \mathrm{Instantiate}(T_N, \#)$	
0	124	100	$\hat{q}_A := A_{yzN} \cdot k^q_{xN} \cdot D_{N,A} \overset{N}{\star} T_N$	