

## Equation assignment sequence for variable $\hat{n}^c$

no	var	equ	quations	token
13	23	-	$r_{zN} :: \text{port variable}$	
12	10	-	$r_{yN} :: \text{port variable}$	
11	1	-	$\# :: \text{port variable}$	
10	127	-	$D_{N,A} :: \text{port variable}$	
9	59	-	$P_{NS,AS} :: \text{port variable}$	
8	5	-	$F_{N,A} :: \text{port variable}$	
7	95	71	$A_{yzN} := r_{yN} \cdot r_{zN}$	
6	50	134	$k_{xN}^c := \text{Instantiate}(k_{xN}^c, \#)$	
5	65	46	$d_A := \text{sign} \left( F_{N,A} \overset{N}{\star} p_N \right)$	
4	98	74	$\hat{V}_A := (\rho_N)^{-1} \cdot k_{xN}^c \cdot A_{yzN} \cdot D_{N,A} \overset{N}{\star} p_N$	
3	109	85	$c_{AS} := (0.5 \cdot (F_{NS,AS} - d_A \odot  F_{NS,AS} )) \overset{NS}{\star} c_{NS}$	
2	73	51	$F_{NS,AS} := F_{N,A} \odot P_{NS,AS}$	
1	110	86	$\hat{n}_{AS}^c := \hat{V}_A \odot c_{AS}$	
0	111	87	$\hat{n}_{NS}^c := F_{NS,AS} \overset{AS}{\star} \hat{n}_{AS}^c$	