Equation assignment sequence for variable n

no	var	equ	quations	token
25	8	-	$F_{N,A} ::$ port variable	
24	15	-	$V_N ::$ port variable	
23	12	-	$r_{zN} ::$ port variable	
22	11	-	$r_{yN} ::$ port variable	
21	13	-	$U_N ::$ port variable	
20	90	-	$D_{N,A} ::$ port variable	
19	91	-	$D_{NS,AS} ::$ port variable	
18	70	-	$F_{NS,AS} ::$ port variable	
17	1	-	$\# ::$ port variable	
16	5	-	$t ::$ port variable	
15	97	72	$d_A := \text{sign}\left(F_{N,A} \overset{N}{\star} p_N\right)$	
14	66	44	$c_{NS} := (V_N)^{-1} \odot n_{NS}$	
13	4	3	$0.5 := \text{Instantiate}(\#, \#)$	
12	17	6	$p_N := \left(-\frac{\partial U_N}{\partial V_N}\right)$	
11	71	48	$A_{yzN} := r_{yN} \cdot r_{zN}$	
10	19	8	$\mu_{NS} := \frac{\partial U_N}{\partial n_{NS}}$	
9	98	73	$c_{AS} := (0.5 \cdot (F_{NS,AS} - d_A \odot |F_{NS,AS}|)) \overset{NS}{\star} c_{NS}$	
8	92	67	$\hat{V}_A := (\rho_N)^{-1} \cdot k_{xN}^c \cdot A_{yzN} \cdot D_{N,A} \overset{N}{\star} p_N$	

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no	var	equ	quations	token
7	93	68	$\hat{n}^d{}_{AS} := A_{yzN} \odot \left(-k^d_{xNS}\right) . D_{NS,AS} \overset{NS}{\star} \mu_{NS}$	
6	99	74	$\hat{n}^c{}_{AS} := \hat{V}_A \odot c_{AS}$	
5	94	69	$\hat{n}^d{}_{NS} := F_{NS,AS} \overset{AS}{\star} \hat{n}^d{}_{AS}$	
4	100	75	$\hat{n}^c{}_{NS} := F_{NS,AS} \overset{AS}{\star} \hat{n}^c{}_{AS}$	
3	7	5	$t^e := \mathrm{Instantiate}(t, \#)$	
2	6	4	$t^o := \mathrm{Instantiate}(t, \#)$	
1	101	76	$\dot{n}_{NS} := \hat{n}^c{}_{NS} + \hat{n}^d{}_{NS} + \tilde{n}_{NS}$	
0	16	86	$n_{NS} := \int_{t^o}^{t^e} \dot{n}_{NS} \, dt$	