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

no	var	equ	quations	token
26	2	_	t:: port variable	
25	15	-	$r_x$ :: port variable	
24	40	-	Mm :: port variable	
23	18	_	n:: port variable	mass
22	3	_	value :: port variable	
21	9	_	$P_N S_A S :: $ port variable	
20	17	_	$r_z$ :: port variable	
19	16	_	$r_y :: port variable$	
18	21	_	V :: port variable	
17	19	-	U:: port variable	energy
16	1	-	F :: port variable	
15	61	44	$\lambda_S := \lambda_S$	
14	36	20	$v_{xN} := \frac{\partial r_{xN}}{\partial t}$	
13	24	9	$\mu_{NS} := \frac{\partial U_N}{\partial n_{NS}}$	energy, mass
12	81	64	$m_N := \lambda_S \stackrel{S \in NS}{\star} n_{NS}$	mass
11	49	32	$k_{xN}^c := \left(\lambda_S \overset{S \in NS}{\star} (\mu_{NS})^{-1}\right) \cdot (V_N)^{-1} \cdot \frac{\partial U_N}{\partial p_N} \cdot v_{xN}$	energy, mass
10	79	62	$c_{NS} := (V_N)^{-1} \odot n_{NS}$	mass
9	78	61	$d_A := \operatorname{sign}\left(F_{N,A} \stackrel{N}{\star} p_N\right)$	

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no	var	equ	quations	token
8	6	3	1/2 := Set(#, #)	
7	10	6	$F_{NS,AS} := F_{N,A} \odot P_{NS,AS}$	
6	82	65	$\rho_N := (V_N)^{-1} \cdot m_N$	mass
5	80	63	$A_{y,z_N} := r_{y_N} \cdot r_{z_N}$	
4	66	49	$k_{xN}^c := k_{xN}^c$	energy, mass
3	22	7	$p_N := rac{\partial U_N}{\partial V_N}$	energy
2	84	67	$c_{AS} := (1/2 \cdot (F_{NS,AS} - d_A \odot  F_{NS,AS} )) \stackrel{NS}{\star} c_{NS}$	mass
1	83	66	$\hat{V}_A := (\rho_N)^{-1} \cdot k_{xN}^c \cdot A_{y,zN} \cdot F_{N,A} \stackrel{N}{\star} p_N$	mass
0	85	68	$\hat{n}_{AS}^c := \hat{V}_A \odot c_{AS}$	mass