Equation assignment sequence for variable n

no	var	equ	quations	token
61	9	-	$S_{I,p}$ :: port variable	
60	4	-	${F^{sink}}_{N,I}$ :: port variable	
59	198	-	${K^o}_K$ :: port variable	
58	197	-	${E^a}_K$ :: port variable	
57	122	-	k^B :: port variable	
56	121	-	N^A :: port variable	
55	109	-	S_N :: port variable	
54	132	-	λ_S :: port variable	
53	26	-	$N_{S,K}$ :: port variable	
52	19	-	$A_{N,p,q}$ :: port variable	
51	27	-	$I_{N,A}$ :: port variable	
50	108	-	U_N :: port variable	
49	10	-	$S_{I,q}$ :: port variable	
48	3	-	${F^{source}}_{N,I}$ :: port variable	
47	2	-	$F_{N,A}$ :: port variable	
46	25	-	r_{zN} :: port variable	
45	24	-	r_{yN} :: port variable	
44	23	-	r_{xN} :: port variable	
43	101	-	# :: port variable	

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no	var	equ	quations	token
42	1	-	t :: port variable	
41	164	101	$\_x := {F^{source}}_{N,I} \overset{N}{\star} x_{N,S}$	
40	166	100	$\_T := {F^{source}}_{N,I} \overset{N}{\star} T_N$	
39	165	98	$x := \left({F^{sink}}_{N,I} \cdot \_x_{I,S}\right) \overset{I}{\star} S_{I,p}$	
38	137	97	$m := \lambda_S \overset{S}{\star} n_{N,S}$	
37	167	93	$T := \left({F^{sink}}_{N,I} \cdot \_T_I\right) \overset{I}{\star} S_{I,p}$	
36	168	91	$f := {x_{N,S,p}}^{((\lvert N_{S,K} \rvert))}$	
35	139	90	$n^t := \mathbf{reduceSum}\left(n_{N,S}, S\right)$	
34	143	88	$\rho := {(V_N)}^{-1} \,.\, m_N$	
33	199	84	$K := {K^o}_K \,.\, \mathbf{exp}\left((-{E^a}_K) \,.\, {(R \,.\, T_{N,p})}^{-1}\right)$	
32	169	82	$\xi := \prod_S f_{N,S,K,p}$	
31	118	81	$v_x := \frac{\partial r_{xN}}{\partial t}$	
30	161	80	$\mu^o := \mathbf{Instantiate}(\mu_{N,S}, \#)$	
29	140	78	$x := {(n^t)}_N^{-1} \,.\, n_{N,S}$	
28	123	75	$R := N^A \,.\, k^B$	
27	113	73	$T := \frac{\partial U_N}{\partial S_N}$	
26	189	71	$\rho := I_{N,A} \overset{N}{\star} \rho_N$	
25	183	69	$k_x^c := I_{N,A} \overset{N}{\star} \left(\left(\lambda_S \overset{S}{\star} {(\mu_{N,S})}^{-1}\right) \,.\, {(V_N)}^{-1} \,.\, \frac{\partial U_N}{\partial p_N} \,.\, v_{xN}\right)$	
24	112	68	$p := \frac{\partial U_N}{\partial V_N}$	
23	157	67	$d := \mathbf{sign}\left(F_{N,A} \overset{N}{\star} p_N\right)$	

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no	var	equ	quations	token
22	104	66	$0.5 := \mathbf{Instantiate}(\#, \#)$	
21	200	61	$\tilde{n} := A_{N,p,q} \overset{p}{\star} \left(N_{S,K} \overset{K}{\star} \left(K_{N,K,p} \,.\, \xi_{N,K,p} \right) \right)$	
20	190	60	$\hat{k}_x^{d,Fick} := I_{N,A} \overset{N}{\star} \left(v_{xN} \,.\, \frac{\partial U_N}{\partial \mu_{N,S}} \,.\, \left(n_{N,S} \right)^{-1} \right)$	
19	138	59	$c := \left(V_N \right)^{-1} \,.\, n_{N,S}$	
18	180	56	$k_x^d := I_{N,A} \overset{N}{\star} \left(\left(\mu_{N,S} \right)^{-1} \,.\, \left(v_{xN} \,.\, \left(\left(V_N \right)^{-1} \,.\, \frac{\partial U_N}{\partial \mu_{N,S}} \right) \right) \right)$	
17	150	55	$A_{yz} := r_{yN} \,.\, r_{zN}$	
16	114	53	$\mu := \frac{\partial U_N}{\partial n_{N,S}}$	
15	114	48	$\mu := \mu^o{}_{N,S} + R \,.\, T_N \,.\, \mathbf{ln} \left(x_{N,S} \right)$	
14	159	44	$\hat{V} := \left(\rho_A \right)^{-1} \,.\, k_{xA}^c \,.\, A_{yzN} \,.\, F_{N,A} \overset{N}{\star} p_N$	
13	158	41	$c := \left(0.5 \,.\, \left(F_{N,A} - d_A \,.\, \left| F_{N,A} \right| \right) \right) \overset{N}{\star} c_{N,S}$	
12	201	38	$\_np := \mathbf{reduceSum} \left(\left(\left(F^{source}{}_{N,I} \overset{N}{\star} \tilde{n}_{N,S,q} \right) \,.\, S_{I,q} \right), q \right)$	
11	154	35	$\hat{n}_x^d := \hat{k}_x^{d,Fick}{}_{A,S} \,.\, A_{yzN} \,.\, F_{N,A} \overset{N}{\star} c_{N,S}$	
10	154	31	$\hat{n}_x^d := k_{xA,S}^d \,.\, \left(A_{yzN} \,.\, F_{N,A} \right) \overset{N}{\star} \mu_{N,S}$	
9	160	28	$\hat{n}_x^c := \hat{V}_A \,.\, c_{A,S}$	
8	202	25	$\tilde{n} := F^{source}{}_{N,I} \overset{I}{\star} \_np_{I,S}$	
7	195	23	$\dot{n}_x^d := F_{N,A} \overset{A}{\star} \hat{n}_{xA,S}^d$	
6	194	20	$\dot{n}_x^c := F_{N,A} \overset{A}{\star} \hat{n}_{xA,S}^c$	
5	110	16	$V := r_{xN} \,.\, r_{yN} \,.\, r_{zN}$	
4	203	15	$n^o := \mathbf{Instantiate}(n_{N,S}, \#)$	
3	196	10	$\dot{n} := \dot{n}_{xN,S}^c + \dot{n}_{xN,S}^d + V_N \,.\, \tilde{n}_{N,S}$	

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no	var	equ	quations	token
2	106	9	$t^e := \mathbf{Instantiate}(t, \#)$	
1	105	7	$t^o := \mathbf{Instantiate}(t, \#)$	
0	111	1	$n := \int_{t^o}^{t^e} \dot{n}_{N,S} \ dt + {n^o}_{N,S}$	