Equation assignment sequence for variable \dot{n}

no	var	equ	quations	token
45	12	-	S_N :: port variable	
44	26	_	A^v :: port variable	
43	64	_	$P_{NS,KS}$:: port variable	
42	88	_	K^{o}_{K} :: port variable	
41	62	_	$P_{N,NK}$:: port variable	
40	127	_	$D_{N,A}$:: port variable	
39	23	_	r_{zN} :: port variable	
38	10	_	r_{yN} :: port variable	
37	86	_	$N_{S,K}$:: port variable	
36	61	_	$P_{S,NS}$:: port variable	
35	60	_	$P_{K,NK}$:: port variable	
34	63	_	$P_{NK,KS}$:: port variable	
33	59	_	$P_{NS,AS}$:: port variable	
32	5	_	$F_{N,A}$:: port variable	
31	128	_	$D_{NS,AS}$:: port variable	
30	13	_	V_N :: port variable	
29	1	_	# :: port variable	
28	27	16	$Bo_N := \text{Instantiate}(S_N, \#)$	
27	69	47	$m_N := \lambda_S \overset{S \in NS}{\star} n_{NS}$	

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no	var	equ	quations	token
26	87	64	$E_{aNK} := \text{Instantiate}(P_{N,NK} \stackrel{N}{\star} R_N . T_{NK}, \#)$	
25	28	17	$R_N := A^v \cdot Bo_N$	
24	115	91	$c^o_{KS} := \text{Instantiate}(c_{KS}, \#)$	
23	114	90	$c_{KS} := c_{NS} \overset{NS}{\star} P_{NS,KS}$	
22	71	49	$\rho_N := m_N \cdot (V_N)^{-1}$	
21	50	134	$k_{xN}^c := \text{Instantiate}(k_{xN}^c, \#)$	
20	65	46	$d_A := \operatorname{sign}\left(F_{N,A} \stackrel{N}{\star} p_N\right)$	
19	4	3	0.5 := Instantiate(#, #)	
18	108	84	$c_{NS} := (V_N)^{-1} \odot n_{NS}$	
17	77	55	$T_{NK} := P_{N,NK} \stackrel{N}{\star} T_N$	
16	89	65	$K_{NK} := K^o{}_K \odot exp((-E_{aNK}) \cdot \left(R_N * P_{N,NK} \cdot T_{NK}\right)^{-1})$	
15	116	92	$\phi_{KS} := \prod \left(c_{KS} \cdot \left(c^o_{KS} \right)^{-1} \right)$	
14	98	74	$\hat{V}_A := (\rho_N)^{-1} \cdot k_{xN}^c \cdot A_{yzN} \cdot D_{N,A} \stackrel{N}{\star} p_N$	
13	109	85	$c_{AS} := (0.5 \cdot (F_{NS,AS} - d_A \odot F_{NS,AS})) \overset{NS}{\star} c_{NS}$	
12	95	71	$A_{yzN} := r_{yN} \cdot r_{zN}$	
11	54	137	$k_{xNS}^d := \text{Instantiate}(k_{xNS}^d, \#)$	
10	93	69	$N_{NS,NK} := P_{S,NS} * ((P_{K,NK} . T_{NK} . (T_{NK})^{-1}) * N_{S,K})$	
9	117	93	$\xi_{NK} := K_{NK} \cdot P_{NK,KS} \overset{KS}{\star} \phi_{KS}$	
8	110	86	$\hat{n}^c{}_{AS} := \hat{V}_A \odot c_{AS}$	
7	73	51	$F_{NS,AS} := F_{N,A} \odot P_{NS,AS}$	

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no	var	equ	quations	token
6	104	80	$\hat{n}^d_{AS} := A_{yzN} \odot \left(-k_{xNS}^d \right) \cdot D_{NS,AS} \stackrel{NS}{\star} \mu_{NS}$	
5	118	94	$\left \; ilde{n}_{NS} := V_N \odot \left(N_{NS,NK} \stackrel{NK}{\star} \xi_{NK} ight) \;$	
4	111	87	$\hat{n}^c{}_{NS} := F_{NS,AS} \overset{AS}{\star} \hat{n}^c{}_{AS}$	
3	105	81	$\hat{n}^d_{NS} := F_{NS,AS} \overset{AS}{\star} \hat{n}^d_{AS}$	
2	2	1	0 := Instantiate(#, #)	
1	119	95	$\dot{n}_{NS} := \hat{n}^c{}_{NS} + \hat{n}^d{}_{NS} + \tilde{n}_{NS}$	
0	119	129	$\dot{n}_{NS} := \operatorname{Instantiate}(\dot{n}_{NS}, 0)$	