Equation assignment sequence for variable s

no	var	equ	quations	token
33	18	-	${M^{A,\beta}}_N$ :: port variable	
32	17	-	${M^{A,\alpha}}_N$ :: port variable	
31	20	-	${M^{B,\delta}}_N$ :: port variable	
30	3	-	$\#$ :: port variable	
29	19	-	${M^{B,\gamma}}_N$ :: port variable	
28	14	-	${K^{A,\beta}}_A$ :: port variable	
27	13	-	${K^{A,\alpha}}_A$ :: port variable	
26	16	-	${K^{B,\delta}}_A$ :: port variable	
25	36	-	$D_{N,A}$ :: port variable	
24	15	-	${K^{B,\gamma}}_A$ :: port variable	
23	8	-	$F_{N,A}$ :: port variable	
22	1	-	t :: port variable	
21	22	28	${\pi^{A,\beta}}_N := \text{Instantiate}({\pi^{A,\beta}}_N, \#)$	
20	22	8	${\pi^{A,\beta}}_N := {M^{A,\beta}}_N \,.\, x_N$	
19	76	63	$u_A := \text{Instantiate}(u_A, \#)$	
18	21	7	${\pi^{A,\alpha}}_N := {M^{A,\alpha}}_N \,.\, x_N$	
17	21	27	${\pi^{A,\alpha}}_N := \text{Instantiate}({\pi^{A,\alpha}}_N, \#)$	
16	24	30	${\pi^{B,\delta}}_N := \text{Instantiate}({\pi^{B,\delta}}_N, \#)$	
15	24	10	${\pi^{B,\delta}}_N := {M^{B,\delta}}_N \,.\, y_N$	

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no	var	equ	quations	token
14	23	29	$\pi^{B,\gamma}{}_N := \text{Instantiate}(\pi^{B,\gamma}{}_N, \#)$	
13	23	9	$\pi^{B,\gamma}{}_N := M^{B,\gamma}{}_N \,.\, y_N$	
12	81	76	$\hat{x}^{A,\beta}{}_A := K^{A,\beta}{}_A \,.\, D_{N,A} \overset{N}{\star} \pi^{A,\beta}{}_N$	
11	80	75	$\hat{x}^{A,\alpha}{}_A := u_A \,.\, K^{A,\alpha}{}_A \,.\, D_{N,A} \overset{N}{\star} \pi^{A,\alpha}{}_N$	
10	83	78	$\hat{y}^{B,\delta}{}_A := K^{B,\delta}{}_A \,.\, D_{N,A} \overset{N}{\star} \pi^{B,\delta}{}_N$	
9	82	77	$\hat{y}^{B,\gamma}{}_A := K^{B,\gamma}{}_A \,.\, D_{N,A} \overset{N}{\star} \pi^{B,\gamma}{}_N$	
8	26	12	$\hat{x}^{A,\beta}{}_N := F_{N,A} \overset{A}{\star} \hat{x}^{A,\beta}{}_A$	
7	25	11	$\hat{x}^{A,\alpha}{}_N := F_{N,A} \overset{A}{\star} \hat{x}^{A,\alpha}{}_A$	
6	28	15	$\hat{y}^{B,\delta}{}_N := F_{N,A} \overset{A}{\star} \hat{y}^{B,\delta}{}_A$	
5	27	14	$\hat{y}^{B,\gamma}{}_N := F_{N,A} \overset{A}{\star} \hat{y}^{B,\gamma}{}_A$	
4	29	16	$\dot{x}_N := \hat{x}^{A,\alpha}{}_N + \hat{x}^{A,\beta}{}_N$	
3	30	17	$\dot{y}_N := \hat{y}^{B,\gamma}{}_N + \hat{y}^{B,\delta}{}_N$	
2	9	20	$x_N := \int_{t_o}^{t_e} \dot{x}_N \;\, d\,t + x^o{}_N$	
1	10	21	$y_N := \int_{t_o}^{t_e} \dot{y}_N \;\, d\,t + y^o{}_N$	
0	34	31	$s := \text{MixedStack}\,(x_N, y_N)$	