Equation assignment sequence for variable s

no	var	equ	quations	token
29	18	-	$M^{A,\beta}{}_N::$ port variable	
28	17	_	$M^{A,\alpha}{}_N$:: port variable	
27	20	_	$M^{B,\delta}{}_N$:: port variable	
26	19	_	$M^{B,\gamma}_N$:: port variable	
25	14	_	$K^{A,eta}_A::$ port variable	
24	13	_	$K^{A,lpha}{}_A::$ port variable	
23	16	_	$K^{B,\delta}{}_A::$ port variable	
22	8	_	$F_{N,A}$:: port variable	
21	36	_	$D_{N,A}$:: port variable	
20	15	_	$K^{B,\gamma}{}_A::$ port variable	
19	3	_	# :: port variable	
18	1	_	t:: port variable	
17	22	8	$\pi^{A,\beta}{}_N := M^{A,\beta}{}_N \cdot x_N$	
16	76	63	$u_A := \operatorname{Instantiate}(u_A, \#)$	
15	21	7	$\pi^{A,\alpha}{}_N := M^{A,\alpha}{}_N \cdot x_N$	
14	24	10	$\pi^{B,\delta}{}_N := M^{B,\delta}{}_N \cdot y_N$	
13	23	9	$\pi^{B,\gamma}{}_N := M^{B,\gamma}{}_N \cdot y_N$	
12	26	12	$\hat{x}^{A,\beta}{}_{N} := F_{N,A} \stackrel{A}{\star} \left(K^{A,\beta}{}_{A} \cdot D_{N,A} \stackrel{N}{\star} \pi^{A,\beta}{}_{N} \right)$	

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no	var	equ	quations	token
11	25	11	$\hat{x}^{A,\alpha}{}_{N} := F_{N,A} \stackrel{A}{\star} \left(u_{A} \cdot K^{A,\alpha}{}_{A} \cdot D_{N,A} \stackrel{N}{\star} \pi^{A,\alpha}{}_{N} \right)$	
10	28	15	$\hat{y}^{B,\delta}{}_{N} := F_{N,A} \stackrel{A}{\star} \left(K^{B,\delta}{}_{A} \cdot D_{N,A} \stackrel{N}{\star} \pi^{B,\delta}{}_{N} \right)$	
9	27	14	$\hat{y}^{B,\gamma}{}_{N} := F_{N,A} \stackrel{A}{\star} \left(K^{B,\gamma}{}_{A} \cdot D_{N,A} \stackrel{N}{\star} \pi^{B,\gamma}{}_{N} \right)$	
8	29	16	$\dot{x}_N := \hat{x}^{A,\alpha}{}_N + \hat{x}^{A,\beta}{}_N$	
7	11	5	$x^o_N := \text{Instantiate}(x_N, \#)$	
6	7	4	$t_e := \operatorname{Instantiate}(t, \#)$	
5	6	3	$t_o := \text{Instantiate}(t, \#)$	
4	30	17	$\dot{y}_N := \hat{y}^{B,\gamma}{}_N + \hat{y}^{B,\delta}{}_N$	
3	12	6	$y^o_N := \operatorname{Instantiate}(y_N, \#)$	
2	9	20	$x_N := \int_{t_o}^{t_e} \dot{x}_N \ dt + x^o{}_N$	
1	10	21	$y_N := \int_{t_o}^{t_e} \dot{y}_N \ dt + y^o{}_N$	
0	34	31	$s := \operatorname{MixedStack}(x_N, y_N)$	