Equation assignment sequence for variable x

no	var	equ	quations	N	A
18	18	-	${M^{A,\beta}}_N$ :: port variable		
17	17	-	${M^{A,\alpha}}_N$ :: port variable		
16	14	-	${K^{A,\beta}}_A$ :: port variable		
15	3	-	$\#$ :: port variable		
14	36	-	$D_{N,A}$ :: port variable		
13	13	-	${K^{A,\alpha}}_A$ :: port variable		
12	8	-	$F_{N,A}$ :: port variable		
11	1	-	t :: port variable		
10	22	8	${\pi^{A,\beta}}_N := {M^{A,\beta}}_N \,.\, x_N$		
9	76	63	$u_A :=$ Instantiate$(u_A, \#)$		
8	21	7	${\pi^{A,\alpha}}_N := {M^{A,\alpha}}_N \,.\, x_N$		
7	81	76	${\hat{x}^{A,\beta}}_A := {K^{A,\beta}}_A \,.\, D_{N,A} \overset{N}{\star} {\pi^{A,\beta}}_N$		
6	81	80	${\hat{x}^{A,\beta}}_A :=$ Instantiate$({\hat{x}^{A,\beta}}_A, \#)$		
5	80	79	${\hat{x}^{A,\alpha}}_A :=$ Instantiate$({\hat{x}^{A,\alpha}}_A, \#)$		
4	80	75	${\hat{x}^{A,\alpha}}_A := u_A \,.\, {K^{A,\alpha}}_A \,.\, D_{N,A} \overset{N}{\star} {\pi^{A,\alpha}}_N$		
3	26	12	${\hat{x}^{A,\beta}}_N := F_{N,A} \overset{A}{\star} {\hat{x}^{A,\beta}}_A$		
2	25	11	${\hat{x}^{A,\alpha}}_N := F_{N,A} \overset{A}{\star} {\hat{x}^{A,\alpha}}_A$		
1	29	16	$\dot{x}_N := {\hat{x}^{A,\alpha}}_N + {\hat{x}^{A,\beta}}_N$		
0	9	20	$x_N := \int_{t_o}^{t_e} \dot{x}_N \; dt + {x^o}_N$		