Equation assignment sequence for variable x

no	var	equ	quations	token
17	18	-	$M^{A,\beta}{}_N$ :: port variable	
16	17	-	$M^{A,\alpha}{}_N$ :: port variable	
15	14	-	$K^{A,\beta}{}_A$ :: port variable	
14	8	-	$F_{N,A}$ :: port variable	
13	13	-	$K^{A,\alpha}{}_A$ :: port variable	
12	3	-	$\#$ :: port variable	
11	1	-	t :: port variable	
10	22	8	$\pi^{A,\beta}{}_N := M^{A,\beta}{}_N . x_N$	
9	21	7	$\pi^{A,\alpha}{}_N := M^{A,\alpha}{}_N . x_N$	
8	5	2	$0 := \text{Instantiate}(\#, \#)$	
7	26	12	$\hat{x}^{A,\beta}{}_N := F_{N,A} \overset{A}{\star} \left(K^{A,\beta}{}_A . D_{N,A} \overset{N}{\star} \pi^{A,\beta}{}_N \right)$	
6	25	11	$\hat{x}^{A,\alpha}{}_N := F_{N,A} \overset{A}{\star} \left(K^{A,\alpha}{}_A . D_{N,A} \overset{N}{\star} \pi^{A,\alpha}{}_N \right)$	
5	7	4	$t_e := \text{Instantiate}(t, \#)$	
4	6	3	$t_o := \text{Instantiate}(t, \#)$	
3	29	32	$\dot{x}_N := \text{Instantiate}(\dot{x}_N, 0)$	
2	29	16	$\dot{x}_N := \hat{x}^{A,\alpha}{}_N + \hat{x}^{A,\beta}{}_N$	
1	11	5	$x^o{}_N := \text{Instantiate}(x_N, \#)$	
0	9	20	$x_N := \int_{t_o}^{t_e} \dot{x}_N \ d\,t + x^o{}_N$	