Equation assignment sequence for variable y

no	var	equ	quations	N	A
17	20	-	${M^{B,\delta}}_N$ :: port variable		
16	19	-	${M^{B,\gamma}}_N$ :: port variable		
15	16	-	${K^{B,\delta}}_A$ :: port variable		
14	3	-	$\#$ :: port variable		
13	36	-	$D_{N,A}$ :: port variable		
12	15	-	${K^{B,\gamma}}_A$ :: port variable		
11	8	-	$F_{N,A}$ :: port variable		
10	1	-	t :: port variable		
9	24	10	${\pi^{B,\delta}}_N := {M^{B,\delta}}_N \,.\, y_N$		
8	23	9	${\pi^{B,\gamma}}_N := {M^{B,\gamma}}_N \,.\, y_N$		
7	83	78	${\hat{y}^{B,\delta}}_A := {K^{B,\delta}}_A \,.\, D_{N,A} \overset{N}{\star} {\pi^{B,\delta}}_N$		
6	83	82	${\hat{y}^{B,\delta}}_A := \text{Instantiate}({\hat{y}^{B,\delta}}_A, \#)$		
5	82	77	${\hat{y}^{B,\gamma}}_A := {K^{B,\gamma}}_A \,.\, D_{N,A} \overset{N}{\star} {\pi^{B,\gamma}}_N$		
4	82	81	${\hat{y}^{B,\gamma}}_A := \text{Instantiate}({\hat{y}^{B,\gamma}}_A, -)$		
3	28	15	${\hat{y}^{B,\delta}}_N := F_{N,A} \overset{A}{\star} {\hat{y}^{B,\delta}}_A$		
2	27	14	${\hat{y}^{B,\gamma}}_N := F_{N,A} \overset{A}{\star} {\hat{y}^{B,\gamma}}_A$		
1	30	17	$\dot{y}_N := {\hat{y}^{B,\gamma}}_N + {\hat{y}^{B,\delta}}_N$		
0	10	21	$y_N := \int_{t_o}^{t_e} \dot{y}_N \; dt + {y^o}_N$		