

Equation assignment sequence for variable y

no	var	equ	quations	N	A
19	20	-	$M^{B,\delta}_N :: \text{port variable}$		
18	19	-	$M^{B,\gamma}_N :: \text{port variable}$		
17	16	-	$K^{B,\delta}_A :: \text{port variable}$		
16	3	-	$\# :: \text{port variable}$		
15	36	-	$D_{N,A} :: \text{port variable}$		
14	15	-	$K^{B,\gamma}_A :: \text{port variable}$		
13	8	-	$F_{N,A} :: \text{port variable}$		
12	1	-	$t :: \text{port variable}$		
11	24	30	$\pi^{B,\delta}_N := \text{Instantiate}(\pi^{B,\delta}_N, \#)$		
10	24	10	$\pi^{B,\delta}_N := M^{B,\delta}_N \cdot y_N$		
9	23	29	$\pi^{B,\gamma}_N := \text{Instantiate}(\pi^{B,\gamma}_N, \#)$		
8	23	9	$\pi^{B,\gamma}_N := M^{B,\gamma}_N \cdot y_N$		
7	83	78	$\hat{y}^{B,\delta}_A := K^{B,\delta}_A \cdot D_{N,A} \overset{N}{\star} \pi^{B,\delta}_N$		
6	83	82	$\hat{y}^{B,\delta}_A := \text{Instantiate}(\hat{y}^{B,\delta}_A, \#)$		
5	82	77	$\hat{y}^{B,\gamma}_A := K^{B,\gamma}_A \cdot D_{N,A} \overset{N}{\star} \pi^{B,\gamma}_N$		
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	$\hat{y}^{B,\gamma}_N := F_{N,A} \overset{A}{\star} \hat{y}^{B,\gamma}_A$		

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no	var	equ	quations	N	A
1	30	17	$\dot{y}_N := \hat{y}^{B,\gamma}_N + \hat{y}^{B,\delta}_N$		
0	10	21	$y_N := \int_{t_o}^{t_e} \dot{y}_N \, dt + y^o_N$		