

Equation assignment sequence for variable y

no	var	equ	quations	token
18	40	-	$K^{B,\delta}_A :: \text{port variable}$	
17	20	-	$M^{B,\delta}_N :: \text{port variable}$	
16	39	-	$K^{B,\gamma}_A :: \text{port variable}$	
15	19	-	$M^{B,\gamma}_N :: \text{port variable}$	
14	8	-	$F_{N,A} :: \text{port variable}$	
13	36	-	$D_{N,A} :: \text{port variable}$	
12	3	-	$\# :: \text{port variable}$	
11	1	-	$t :: \text{port variable}$	
10	44	38	$k^{B,\delta}_A := K^{B,\delta}_A$	
9	24	10	$\pi^{B,\delta}_N := M^{B,\delta}_N \cdot y_N$	
8	45	39	$k^{B,\gamma}_A := K^{B,\gamma}_A$	
7	23	9	$\pi^{B,\gamma}_N := M^{B,\gamma}_N \cdot y_N$	
6	28	15	$\hat{y}^{B,\delta}_N := F_{N,A} \overset{A}{\star} \left(k^{B,\delta}_A \cdot D_{N,A} \overset{N}{\star} \pi^{B,\delta}_N \right)$	
5	27	14	$\hat{y}^{B,\gamma}_N := F_{N,A} \overset{A}{\star} \left(k^{B,\gamma}_A \cdot D_{N,A} \overset{N}{\star} \pi^{B,\gamma}_N \right)$	
4	7	4	$t_e := \text{Instantiate}(t, \#)$	
3	6	3	$t_o := \text{Instantiate}(t, \#)$	
2	30	17	$\dot{y}_N := \hat{y}^{B,\gamma}_N + \hat{y}^{B,\delta}_N$	
1	12	6	$y^o_N := \text{Instantiate}(y_N, \#)$	

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no	var	equ	quations	token
0	10	21	$y_N := \int_{t_o}^{t_e} \dot{y}_N \, dt + y_N^o$	