Equation assignment sequence for variable y

no	var	equ	quations	token
15	139	-	m_A :: port variable	
14	6	-	t :: port variable	
13	129	-	$I_{N,D}$ :: port variable	
12	1	-	$\#$ :: port variable	
11	143	149	$B_{A,D} := \text{Instantiate}(B_{A,D}, \#)$	
10	142	148	$A_{N,D} := \text{Instantiate}(A_{N,D}, \#)$	
9	135	146	${y^o}_A := \text{Instantiate}({y^o}_A, \#)$	
8	8	5	$t_e := \text{Instantiate}(t, \#)$	
7	7	4	$t_o := \text{Instantiate}(t, \#)$	
6	144	106	$\dot{x}_D := A_{N,D} \overset{N}{\star} x_N + B_{A,D} \overset{A}{\star} e_A$	
5	140	104	$e_A := m_A - {y^o}_A$	
4	137	112	$x_N := \int_{t_o}^{t_e} I_{N,D} \overset{D}{\star} \dot{x}_D \; dt$	
3	136	147	$D_A := \text{Instantiate}(D_A, \#)$	
2	133	144	$C_{N,A} := \text{Instantiate}(C_{N,A}, \#)$	
1	155	153	$y_A := D_A \,.\, e_A$	
0	155	150	$y_A := C_{N,A} \overset{N}{\star} x_N + D_A \,.\, e_A$	