Equation assignment sequence for variable y_A

no	var	equ	quations	token
14	$V_1 30$	-	$B_{A,D}$ :: port variable	
13	$V_1 29$	-	$A_{N,D}$ :: port variable	
12	V_1	-	$\#$ :: port variable	
11	V_5	-	t :: port variable	
10	$V_1 39$	-	$1_{N,D}$ :: port variable	
9	$V_1 34$	-	m_A :: port variable	
8	$V_1 32$	-	D_A :: port variable	
7	$V_1 31$	-	$C_{N,A}$ :: port variable	
6	V_7	E_5	$t^e := \text{Instantiate}(t, \#)$	
5	V_6	E_4	$t^o := \text{Instantiate}(t, \#)$	
4	$V_1 38$	$E_1 10$	$\dot{x}_D := A_{N,D} \overset{N}{\star} x_N + B_{A,D} \overset{A}{\star} e_A$	
3	$V_1 33$	$E_1 19$	$y^o{}_A := \text{Instantiate}(y^o{}_A, \#)$	
2	$V_1 36$	$E_1 11$	$x_N := \int_{t^o}^{t^e} 1_{N,D} \overset{D}{\star} \dot{x}_D \ dt$	
1	$V_1 35$	$E_1 08$	$e_A := m_A - y^o{}_A$	
0	$V_1 54$	$E_1 26$	$y_A := C_{N,A} \overset{N}{\star} x_N + D_A . e_A$	