

## Equation assignment sequence for variable $\theta$

no	var	equ	quations	token
17	1	-	$\# :: \text{port variable}$	
16	55	138	$k_{yNS}^d := \text{Instantiate}(k_{yNS}^d, \#)$	
15	54	137	$k_{xNS}^d := \text{Instantiate}(k_{xNS}^d, \#)$	
14	52	136	$k_{zN}^c := \text{Instantiate}(k_{zN}^c \cdot \#, -)$	
13	51	135	$k_{yN}^c := \text{Instantiate}(k_{yN}^c, \#)$	
12	50	134	$k_{xN}^c := \text{Instantiate}(k_{xN}^c, \#)$	
11	36	133	$k_{zN}^q := \text{Instantiate}(k_{zN}^q, \#)$	
10	35	132	$k_{yN}^q := \text{Instantiate}(k_{yN}^q, \#)$	
9	34	131	$k_{xN}^q := \text{Instantiate}(k_{xN}^q, \#)$	
8	71	154	$\rho_N := \text{Instantiate}(\rho_N, \#)$	
7	58	139	$h_{NS} := \text{Instantiate}(h_{NS}, \#)$	
6	57	44	$k_{NS}^d := \text{Stack}(k_{xNS}^d, k_{yNS}^d, k_{zNS}^d)$	
5	53	40	$k_N^c := \text{Stack}(k_{xN}^c, k_{yN}^c, k_{zN}^c)$	
4	37	25	$k_N^q := \text{Stack}(k_{xN}^q, k_{yN}^q, k_{zN}^q)$	
3	29	142	$\lambda_S := \text{Instantiate}(\lambda_S, \#)$	
2	149	141	$cv_N := \text{Instantiate}(cv_N, \#)$	
1	148	140	$cp_N := \text{Instantiate}(cp_N, \#)$	
0	154	143	$\theta := \text{MixedStack}(k_N^q, k_N^c, k_{NS}^d, h_{NS}, cp_N, cv_N, \lambda_S, \rho_N)$	