

Equation assignment sequence for variable k^d

no	var	equ	quations	token
15	17	-	$r_z :: \text{port variable}$	mass
14	16	-	$r_y :: \text{port variable}$	
13	2	-	$t :: \text{port variable}$	
12	15	-	$r_x :: \text{port variable}$	
11	18	-	$n :: \text{port variable}$	
10	21	-	$V :: \text{port variable}$	
9	19	-	$U :: \text{port variable}$	
8	38	22	$v_{zN} := \frac{\partial r_{zN}}{\partial t}$	energy
7	37	21	$v_{yN} := \frac{\partial r_{yN}}{\partial t}$	
6	36	20	$v_{xN} := \frac{\partial r_{xN}}{\partial t}$	
5	24	9	$\mu_{NS} := \frac{\partial U_N}{\partial n_{NS}}$	energy, mass
4	55	38	$k_{zNS}^d := (\mu_{NS})^{-1} \cdot \left(v_{zN} \odot \left((V_N)^{-1} \odot \frac{\partial U_N}{\partial \mu_{NS}} \right) \right)$	energy, mass
3	54	37	$k_{yNS}^d := (\mu_{NS})^{-1} \cdot \left(v_{yN} \odot \left((V_N)^{-1} \odot \frac{\partial U_N}{\partial \mu_{NS}} \right) \right)$	energy, mass
2	53	36	$k_{xNS}^d := (\mu_{NS})^{-1} \cdot \left(v_{xN} \odot \left((V_N)^{-1} \odot \frac{\partial U_N}{\partial \mu_{NS}} \right) \right)$	energy, mass
1	56	39	$k_{NS}^d := \text{Stack} \left(k_{xNS}^d, k_{yNS}^d, k_{zNS}^d \right)$	energy, mass
0	75	58	$k_{NS}^d := k_{NS}^d$	energy, mass