1 Variables

2 root

	var	symbol	documentation	type	units	tokens	eqs
8	$F_{N,A}$	`F`	directed graph indicence matrix	network		[]	
1	t_N	`t`	time	frame	s	[]	
6	to_N	`to`	starting time	frame	s	[]	3
7	te_N	`te`	end time	frame	s	[]	4
3	$value$	`value`	numerical value	constant		[]	
4	one	`one`	numerical value 1	constant		[]	1
5	$null$	`null`	numerical value 0	constant		[]	2

3 System

	var	symbol	documentation	type	units	tokens	eqs
9	x_N	`x`	state token A	state	m	[]	
10	y_N	`y`	state token B	state		[]	
11	xo_N	`xo`	initial condition for state x	state	m	[]	5
12	yo_N	`yo`	initial condition for state y	state		[]	6

4 Properties

	var	symbol	documentation	type	units	tokens	eqs

5 Control

	var	symbol	documentation	type	units	tokens	eqs

6 System–Properties

	var	symbol	documentation	type	units	tokens	eqs

7 Properties–System

	var	symbol	documentation	type	units	tokens	eqs

8 System–Control

	var	symbol	documentation	type	units	tokens	eqs

9 Control–System

	var	symbol	documentation	type	units	tokens	eqs

10 Properties–Control

	var	symbol	documentation	type	units	tokens	eqs

11 Control–Properties

	var	symbol	documentation	type	units	tokens	eqs

12 Equations

12.1 Model equations

no	equation	documentation	layer
1	$one := \text{Instantiate}(value, value)$	numerical value 1	root
2	$null := \text{Instantiate}(value, value)$	numerical value 0	root
3	$to_N := \text{Instantiate}(t_N, value)$	starting time	root
4	$te_N := \text{Instantiate}(t_N, value)$	end time	root
5	$xo_N := \text{Instantiate}(x_N, value)$	initial condition for state x	System
6	$yo_N := \text{Instantiate}(y_N, value)$	initial condition for state y	System