1 Variables

2 root

	var	symbol	documentation	type	units	eqs
4	t	t	time	frame	S	
5	to	to	time zero	frame	s	3
6	te	te	time end	frame	s	4
7	$t_interval$	t_interval	time interval	frame	s	5
1	#	value	numerical value	constant		
2	1	one	numerical one	constant		1
3	0	zero	numerical value zero	constant		2

3 physical

	var	symbol	documentation	type	units	eqs
--	-----	--------	---------------	------	-------	-----

4 control

	var	symbol	documentation	type	units	eqs
--	-----	--------	---------------	------	-------	-----

5 reactions

	var	symbol	documentation	type	units	eqs
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6 material

var	symbol	documentation	type	units	eqs
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7 macroscopic

	var	symbol	documentation	type	units	eqs
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8 solid

	var	symbol	documentation	type	units	eqs
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9 fluid

	var	symbol	documentation	type	units	eqs
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10 energy

	var	symbol	documentation	type	units	eqs
--	-----	--------	---------------	------	-------	-----

11 liquid

	var	symbol	documentation	type	units	eqs
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12 gas

	var	symbol	documentation	type	units	eqs
--	-----	--------	---------------	------	-------	-----

13 control-control

	var	symbol	documentation	type	units	eqs
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14 energy–gas

	var	symbol	documentation	type	units	eqs
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15 energy-energy

	var	symbol	documentation	type	units	eqs
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16 gas–gas

	var	symbol	documentation	type	units	eqs
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17 energy-liquid

	var	symbol	documentation	type	units	eqs
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18 liquid-liquid

	var	symbol	documentation	type	units	eqs
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19 energy-solid

	var	symbol	documentation	type	units	eqs
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solid-solid

var	symbol	documentation	type	units	eqs
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21 gas-liquid

	var	symbol	documentation	type	units	eqs
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22 gas-solid

	var	symbol	documentation	type	units	eqs
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23 liquid-solid

	var	symbol	documentation	type	units	eqs
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24 material-material

	var	symbol	documentation	type	units	eqs
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25 reactions—reactions

	var	symbol	documentation	type	units	eqs
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26 control–reactions

	var	symbol	documentation	type	units	eqs
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27 reactions—control

	var	symbol	documentation	type	units	eqs
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28 control-material

	var	symbol	documentation	type	units	eqs	
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29 material-control

	var	symbol	documentation	type	units	eqs
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30 control–macroscopic

	var	symbol	documentation	type	units	eqs
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31 macroscopic-control

	var	symbol	documentation	type	units	eqs
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32 reactions—material

			var	symbol	documentation	type	units	eqs
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33 material—reactions

	var	symbol	documentation	type	units	eqs	
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$34 \quad {\rm reactions-macroscopic}$

	var	symbol	documentation	type	units	eqs
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macroscopic-reactions

	var	symbol	documentation	type	units	eqs
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36 material–macroscopic

	var	symbol	documentation	type	units	eqs
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$37 \quad {\rm macroscopic-material}$

	var	symbol	documentation	type	units	eqs
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38 Equations

39 Generic

no	equation	documentation	layer
1	1 := Instantiate(#, #)	numerical one	root
2	0 := Instantiate(#, #)	numerical value zero	root
3	to := Instantiate(t, 0)	time zero	root
4	te := Instantiate(t, #)	time end	root
5	$t_interval := Instantiate(t, \#)$	time interval	root