Results

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1 General Informations

Platform: ROOT-Sim.
Run type: serial.
Number of elements in the topology: 280.
Number of LPs used in the simulation: 4.
Simulation duration: 54.698 seconds seconds.
Memory usage: 18.67 MB.
Not all elements reached stability, in their sections it will be highlited!

1.1 Topology Informations

There is one Central node, between the Central node and the Regional layer there is one WAN. Between each regional and its Locals there is a WAN.
There are 4 regional nodes.In total 30 local nodes.
In total there are 180 sensors and 30 actuators.

2 Detailed view

2.1 Central node 0

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005586.54164.

		t	e	c	b	total
				Given Parameters		
		t	e	c	b	total
aggr		5	1	1	2	9
S		0.033	0.165	0.0165	0.066	0.2805

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.504	0.2041	0	0.01764	0.7258	0.5041	0.2041	0	0.01763	0.7258	λ
D	0.033	0.165	0	0.066	0.264	0.03308	0.1648	0	0.06644	0.2644	D
N	0.01753	0.03551	0	0.001227	0.05427	0.02076	0.03468	0	0.001271	0.05671	N
U	0.01663	0.03368	0	0.001164	0.05148	0.01668	0.03364	0	0.001172	0.05148	U
RA	0.03479	0.174	0	0.06958	0.2783	0.03496	0.1742	0	0.07021	0.2793	RA
RB	0.03952	0.1715	0	0.07252	0.2836	0.04118	0.1699	0	0.07208	0.2832	RB

2.2 Central storage of Node 0

		t	e	c	b		total
			Given Parameters				
	S	0.4	0.73	0	0.23		1.36

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.1008	0.1837	0	0.01903	0.3035		0.1008	0.1837	0	0.01899	0.3035	λ
D	0.4	0.73	0	0.23	1.36		0.4015	0.7304	0	0.2297	1.362	D
N	0.0491	0.1633	0	0.005329	0.2177		0.05611	0.1551	0	0.006689	0.2179	N
U	0.04032	0.1341	0	0.004376	0.1788		0.04048	0.1342	0	0.004361	0.179	U
RA	0.4871	0.8889	0	0.2801	1.656		0.489	0.8895	0	0.2797	1.658	RA
RB	0.5401	0.8701	0	0.3701	1.78		0.5566	0.844	0	0.3523	1.753	RB

2.3 Regional node 1

This element **didn't** reach stability in the simulation!
This regional node of Type0 has in its subtree:

- 2 local nodes of type Type0

This element finished the simulation at simulation time: 2005584.626133.

Given Parameters

		t	e	c	b		total
	aggr	5	1	1	2		9
	S	0.33	1.65	0.165	0.66		2.805

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.168	0.01512	0.001361	0.00084	0.1853		0.1681	0.01523	0.001378	0.000813	0.1855	λ
D	0.33	3.135	0.165	0.66	4.29		0.331	3.146	0.1648	0.6484	4.29	D
N	0.06185	0.05288	0.00025	0.000618	0.1156		0.07307	0.05043	0.000542	0.000583	0.1246	N
U	0.05544	0.0474	0.000225	0.000554	0.1036		0.05564	0.0479	0.000227	0.000527	0.1043	U
RA	0.3681	3.497	0.1841	0.7363	4.786		0.3723	3.538	0.1853	0.7292	4.824	RA
RB	0.5166	3.322	0.3516	0.8466	5.037		0.4347	3.312	0.3933	0.717	4.857	RB

2.4 Regional node 2

This element **didn't** reach stability in the simulation!
This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 2005585.097331.

Given Parameters					
	t	e	c	b	total
aggr	5	1	1	2	9
S	0.33	1.65	0.165	0.66	2.805

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total	t	e	c	b	total	
λ	0.336	0.03024	0.002722	0.00168	0.3706	0.336	0.03023	0.002648	0.001695	0.3705	λ
D	0.33	3.135	0.165	0.66	4.29	0.3299	3.135	0.1605	0.6586	4.284	D
N	0.1399	0.1196	0.000566	0.001399	0.2614	0.189	0.1074	0.00159	0.001508	0.2995	N
U	0.1109	0.0948	0.000449	0.001109	0.2072	0.1108	0.09477	0.000425	0.001116	0.2071	U
RA	0.4163	3.955	0.2081	0.8325	5.411	0.4286	4.074	0.2086	0.8558	5.567	RA
RB	0.7521	3.557	0.5871	1.082	5.978	0.5626	3.552	0.6005	0.8898	5.605	RB

2.5 Regional node 3

This element **didn't** reach stability in the simulation!
This regional node of Type0 has in its subtree:

- 8 local nodes of type Type0

This element finished the simulation at simulation time: 2005588.86872.

Given Parameters					
	t	e	c	b	total
aggr	5	1	1	2	9
S	0.33	1.65	0.165	0.66	2.805

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total	t	e	c	b	total	
λ	0.672	0.06048	0.005443	0.00336	0.7413	0.6717	0.06062	0.005403	0.003404	0.7411	λ
D	0.33	3.135	0.165	0.66	4.29	0.33	3.129	0.1661	0.667	4.292	D
N	0.3787	0.3238	0.001534	0.003787	0.7079	0.6461	0.2654	0.006629	0.004179	0.9223	N
U	0.2218	0.1896	0.000898	0.002218	0.4145	0.2216	0.1897	0.000897	0.002271	0.4145	U
RA	0.5636	5.354	0.2818	1.127	7.327	0.6343	6.015	0.3193	1.282	8.251	RA
RB	1.473	4.278	1.308	1.803	8.862	0.9619	4.379	1.227	1.228	7.795	RB

2.6 Regional node 4

This element **didn't** reach stability in the simulation!
This regional node of Type0 has in its subtree:

- 16 local nodes of type Type0

This element finished the simulation at simulation time: 2005588.678585.

Given Parameters						
		t	e	c	b	total
aggr		5	1	1	2	9
S		0.33	1.65	0.165	0.66	2.805

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total	t	e	c	b	total	
λ	1.344	0.121	0.01089	0.00672	1.483	1.345	0.1206	0.01092	0.006797	1.483	λ
D	0.33	3.135	0.165	0.66	4.29	0.3304	3.131	0.1643	0.6619	4.288	D
N	2.593	2.217	0.0105	0.02593	4.847	6.447	1.432	0.05944	0.03435	7.973	N
U	0.4435	0.3792	0.001796	0.004435	0.829	0.4443	0.3775	0.001794	0.004499	0.8281	U
RA	1.929	18.33	0.9647	3.859	25.08	2.965	28.1	1.474	5.94	38.48	RA
RB	8.155	10.96	7.99	8.485	35.59	4.795	11.88	5.444	5.053	27.17	RB

2.7 Local node 5

This element **didn't** reach stability in the simulation!
This node is of : Type0
This element finished the simulation at simulation time: 2005588.511155.
This node has the same defining characteristics as these other nodes: **6;**

Given Parameters						
		t	e	c	b	total
aggr		5	1	1	2	9
S		1.65	8.15	0.815	3.3	13.91

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0.001436	0	0.4298	0.4202	0.008426	0.001429	0	0.4301	λ
D	1.65	15.48	0.815	0	17.95	1.65	15.47	0.8173	0	17.94	D
N	3.943	0.7401	0.006661	0	4.69	6.598	0.3873	0.02512	0	7.01	N
U	0.693	0.1301	0.001171	0	0.8242	0.6933	0.1304	0.001168	0	0.8249	U
RA	9.388	88.11	4.637	0	102.1	13.22	123.9	6.547	0	143.7	RA
RB	19.62	33.46	18.79	0	71.86	15.7	45.96	17.57	0	79.23	RB

2.8 Local node 7

This element **didn't** reach stability in the simulation!
This node is of : Type0
This element finished the simulation at simulation time: 2005588.179325.
This node has the same defining characteristics as these other nodes: **8; 9; 10;**

		t	e	c	b	total
			Given Parameters			
		t	e	c	b	total
aggr		5	1	1	2	9
S		1.65	8.15	0.815	3.3	13.91

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0.001436	0	0.4298	0.42	0.008405	0.001409	0	0.4298	λ
D	1.65	15.48	0.815	0	17.95	1.649	15.44	0.808	0	17.9	D
N	3.943	0.7401	0.006661	0	4.69	6.483	0.3803	0.02292	0	6.886	N
U	0.693	0.1301	0.001171	0	0.8242	0.6924	0.1298	0.001139	0	0.8233	U
RA	9.388	88.11	4.637	0	102.1	13	121.8	6.372	0	141.2	RA
RB	19.62	33.46	18.79	0	71.86	15.44	45.25	16.27	0	76.95	RB

2.9 Local node 11

This element **didn't** reach stability in the simulation!
This node is of : Type0
This element finished the simulation at simulation time: 2005588.26872.
This node has the same defining characteristics as these other nodes: **12; 13; 14; 15; 16; 17; 18;**

		t	e	c	b	total
			Given Parameters			
		t	e	c	b	total
aggr		5	1	1	2	9
S		1.65	8.15	0.815	3.3	13.91

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0.001436	0	0.4298	0.4198	0.008428	0.00143	0	0.4297	λ
D	1.65	15.48	0.815	0	17.95	1.65	15.43	0.8176	0	17.9	D
N	3.943	0.7401	0.006661	0	4.69	6.548	0.3831	0.02244	0	6.954	N
U	0.693	0.1301	0.001171	0	0.8242	0.6925	0.1301	0.001169	0	0.8238	U
RA	9.388	88.11	4.637	0	102.1	13.12	122.8	6.503	0	142.4	RA
RB	19.62	33.46	18.79	0	71.86	15.6	45.45	15.69	0	76.74	RB

2.10   Local node 19

This element **didn't** reach stability in the simulation!
This node is of : Type0
This element finished the simulation at simulation time: 2005586.17823.
This node has the same defining characteristics as these other nodes: **20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 31; 32; 33; 34;**

Given Parameters					
	t	e	c	b	total
aggr	5	1	1	2	9
S	1.65	8.15	0.815	3.3	13.91

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0.001436	0	0.4298	0.4202	0.008386	0.001437	0	0.43	λ
D	1.65	15.49	0.815	0	17.95	1.65	15.52	0.8202	0	17.99	D
N	3.943	0.7401	0.006661	0	4.69	6.567	0.3813	0.02176	0	6.97	N
U	0.693	0.1301	0.001171	0	0.8242	0.6932	0.1301	0.001179	0	0.8245	U
RA	9.388	88.11	4.637	0	102.1	13.15	123.7	6.537	0	143.4	RA
RB	19.62	33.46	18.79	0	71.86	15.63	45.46	15.14	0	76.23	RB

2.11   Actuator 41

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005477.002122.

Given Parameters					
	t	e	c	b	total
S	0	0	0.6	0	0.6

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002223	0	0.002223	λ
D	0	0	0.6	0	0.6	0	0	0.5923	0	0.5923	D
N	0	0	0.001368	0	0.001368	0	0	0.001317	0	0.001317	N
U	0	0	0.001366	0	0.001366	0	0	0.001317	0	0.001317	U
RA	0	0	0.6008	0	0.6008	0	0	0.5931	0	0.5931	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5924	0	0.5924	RB

2.12 Actuator 48

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005180.873331.

		t	e	c	b		total
Given Parameters							
S		0	0	0.6	0		0.6

Computed Parameters													
	Analytical Model							**Simulated Model**					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002258	0	0.002258	λ
D	0	0	0.6	0	0.6		0	0	0.605	0	0.605	D
N	0	0	0.001368	0	0.001368		0	0	0.00137	0	0.00137	N
U	0	0	0.001366	0	0.001366		0	0	0.001366	0	0.001366	U
RA	0	0	0.6008	0	0.6008		0	0	0.6058	0	0.6058	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6066	0	0.6066	RB

2.13 Actuator 55

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005162.499699.

		t	e	c	b		total
Given Parameters							
S		0	0	0.6	0		0.6

Computed Parameters													
	Analytical Model							**Simulated Model**					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002312	0	0.002312	λ
D	0	0	0.6	0	0.6		0	0	0.5974	0	0.5974	D
N	0	0	0.001368	0	0.001368		0	0	0.001383	0	0.001383	N
U	0	0	0.001366	0	0.001366		0	0	0.001381	0	0.001381	U
RA	0	0	0.6008	0	0.6008		0	0	0.5982	0	0.5982	RA
RB	0	0	0.6008	0	0.6008		0	0	0.5983	0	0.5983	RB

2.14   Actuator 62

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005476.644093.

Given Parameters						
		t	e	c	b	total
S		0	0	0.6	0	0.6

Computed Parameters													
	Analytical Model						Simulated Model						
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002236	0	0.002236	λ
D	0	0	0.6	0	0.6		0	0	0.5896	0	0.5896	D
N	0	0	0.001368	0	0.001368		0	0	0.001319	0	0.001319	N
U	0	0	0.001366	0	0.001366		0	0	0.001318	0	0.001318	U
RA	0	0	0.6008	0	0.6008		0	0	0.5904	0	0.5904	RA
RB	0	0	0.6008	0	0.6008		0	0	0.5901	0	0.5901	RB

2.15   Actuator 69

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005454.186543.

Given Parameters						
		t	e	c	b	total
S		0	0	0.6	0	0.6

Computed Parameters													
	Analytical Model						Simulated Model						
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002255	0	0.002255	λ
D	0	0	0.6	0	0.6		0	0	0.5853	0	0.5853	D
N	0	0	0.001368	0	0.001368		0	0	0.00132	0	0.00132	N
U	0	0	0.001366	0	0.001366		0	0	0.00132	0	0.00132	U
RA	0	0	0.6008	0	0.6008		0	0	0.5861	0	0.5861	RA
RB	0	0	0.6008	0	0.6008		0	0	0.5855	0	0.5855	RB

2.16 Actuator 76

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005336.995739.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

		Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.00222	0	0.00222	λ
D	0	0	0.6	0	0.6		0	0	0.6004	0	0.6004	D
N	0	0	0.001368	0	0.001368		0	0	0.001334	0	0.001334	N
U	0	0	0.001366	0	0.001366		0	0	0.001333	0	0.001333	U
RA	0	0	0.6008	0	0.6008		0	0	0.6012	0	0.6012	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6009	0	0.6009	RB

2.17 Actuator 83

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2004641.177644.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

		Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002271	0	0.002271	λ
D	0	0	0.6	0	0.6		0	0	0.6008	0	0.6008	D
N	0	0	0.001368	0	0.001368		0	0	0.001366	0	0.001366	N
U	0	0	0.001366	0	0.001366		0	0	0.001364	0	0.001364	U
RA	0	0	0.6008	0	0.6008		0	0	0.6016	0	0.6016	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6015	0	0.6015	RB

2.18 Actuator 90

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005367.531109.

Given Parameters

	t	e	c	b	total
S	0	0	0.6	0	0.6

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002308	0	0.002308	λ
D	0	0	0.6	0	0.6		0	0	0.5887	0	0.5887	D
N	0	0	0.001368	0	0.001368		0	0	0.001362	0	0.001362	N
U	0	0	0.001366	0	0.001366		0	0	0.001359	0	0.001359	U
RA	0	0	0.6008	0	0.6008		0	0	0.5895	0	0.5895	RA
RB	0	0	0.6008	0	0.6008		0	0	0.59	0	0.59	RB

2.19 Actuator 97

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005291.434235.

Given Parameters

	t	e	c	b	total
S	0	0	0.6	0	0.6

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002237	0	0.002237	λ
D	0	0	0.6	0	0.6		0	0	0.6244	0	0.6244	D
N	0	0	0.001368	0	0.001368		0	0	0.001399	0	0.001399	N
U	0	0	0.001366	0	0.001366		0	0	0.001397	0	0.001397	U
RA	0	0	0.6008	0	0.6008		0	0	0.6253	0	0.6253	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6254	0	0.6254	RB

2.20 Actuator 104

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005513.944683.

		t	e	c	b		total
Given Parameters							
		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

		Analytical Model							Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002305	0	0.002305	λ
D	0	0	0.6	0	0.6		0	0	0.6127	0	0.6127	D
N	0	0	0.001368	0	0.001368		0	0	0.001415	0	0.001415	N
U	0	0	0.001366	0	0.001366		0	0	0.001412	0	0.001412	U
RA	0	0	0.6008	0	0.6008		0	0	0.6136	0	0.6136	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6139	0	0.6139	RB

2.21 Actuator 111

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005505.295936.

Given Parameters

		t	e	c	b		total
		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

		Analytical Model							Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002252	0	0.002252	λ
D	0	0	0.6	0	0.6		0	0	0.5948	0	0.5948	D
N	0	0	0.001368	0	0.001368		0	0	0.00134	0	0.00134	N
U	0	0	0.001366	0	0.001366		0	0	0.001339	0	0.001339	U
RA	0	0	0.6008	0	0.6008		0	0	0.5956	0	0.5956	RA
RB	0	0	0.6008	0	0.6008		0	0	0.5953	0	0.5953	RB

2.22 Actuator 118

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005537.549962.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖ t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	‖ 0	0	0.002294	0	0.002294	λ
D	0	0	0.6	0	0.6	‖ 0	0	0.5976	0	0.5976	D
N	0	0	0.001368	0	0.001368	‖ 0	0	0.001375	0	0.001375	N
U	0	0	0.001366	0	0.001366	‖ 0	0	0.001371	0	0.001371	U
RA	0	0	0.6008	0	0.6008	‖ 0	0	0.5984	0	0.5984	RA
RB	0	0	0.6008	0	0.6008	‖ 0	0	0.5996	0	0.5996	RB

2.23 Actuator 125

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005501.234282.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖ t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	‖ 0	0	0.002311	0	0.002311	λ
D	0	0	0.6	0	0.6	‖ 0	0	0.6027	0	0.6027	D
N	0	0	0.001368	0	0.001368	‖ 0	0	0.001395	0	0.001395	N
U	0	0	0.001366	0	0.001366	‖ 0	0	0.001393	0	0.001393	U
RA	0	0	0.6008	0	0.6008	‖ 0	0	0.6036	0	0.6036	RA
RB	0	0	0.6008	0	0.6008	‖ 0	0	0.6036	0	0.6036	RB

2.24   Actuator 132

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005343.875942.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

	Analytical Model						Simulated Model						
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002273	0	0.002273	λ
D	0	0	0.6	0	0.6		0	0	0.597	0	0.597	D
N	0	0	0.001368	0	0.001368		0	0	0.001362	0	0.001362	N
U	0	0	0.001366	0	0.001366		0	0	0.001357	0	0.001357	U
RA	0	0	0.6008	0	0.6008		0	0	0.5978	0	0.5978	RA
RB	0	0	0.6008	0	0.6008		0	0	0.599	0	0.599	RB

2.25   Actuator 139

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005376.366644.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

	Analytical Model						Simulated Model						
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.0023	0	0.0023	λ
D	0	0	0.6	0	0.6		0	0	0.6108	0	0.6108	D
N	0	0	0.001368	0	0.001368		0	0	0.001407	0	0.001407	N
U	0	0	0.001366	0	0.001366		0	0	0.001405	0	0.001405	U
RA	0	0	0.6008	0	0.6008		0	0	0.6117	0	0.6117	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6119	0	0.6119	RB

2.26 Actuator 146

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005394.190393.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

		Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002272	0	0.002272	λ
D	0	0	0.6	0	0.6		0	0	0.6073	0	0.6073	D
N	0	0	0.001368	0	0.001368		0	0	0.001382	0	0.001382	N
U	0	0	0.001366	0	0.001366		0	0	0.00138	0	0.00138	U
RA	0	0	0.6008	0	0.6008		0	0	0.6081	0	0.6081	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6081	0	0.6081	RB

2.27 Actuator 153

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005155.52654.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

		Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002268	0	0.002268	λ
D	0	0	0.6	0	0.6		0	0	0.6095	0	0.6095	D
N	0	0	0.001368	0	0.001368		0	0	0.001385	0	0.001385	N
U	0	0	0.001366	0	0.001366		0	0	0.001383	0	0.001383	U
RA	0	0	0.6008	0	0.6008		0	0	0.6104	0	0.6104	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6107	0	0.6107	RB

2.28 Actuator 160

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005416.646102.

Given Parameters

	t	e	c	b	total
S	0	0	0.6	0	0.6

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002287	0	0.002287	λ
D	0	0	0.6	0	0.6		0	0	0.6146	0	0.6146	D
N	0	0	0.001368	0	0.001368		0	0	0.001407	0	0.001407	N
U	0	0	0.001366	0	0.001366		0	0	0.001405	0	0.001405	U
RA	0	0	0.6008	0	0.6008		0	0	0.6154	0	0.6154	RA
RB	0	0	0.6008	0	0.6008		0	0	0.615	0	0.615	RB

2.29 Actuator 167

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005217.470099.

Given Parameters

	t	e	c	b	total
S	0	0	0.6	0	0.6

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002258	0	0.002258	λ
D	0	0	0.6	0	0.6		0	0	0.5976	0	0.5976	D
N	0	0	0.001368	0	0.001368		0	0	0.001352	0	0.001352	N
U	0	0	0.001366	0	0.001366		0	0	0.00135	0	0.00135	U
RA	0	0	0.6008	0	0.6008		0	0	0.5984	0	0.5984	RA
RB	0	0	0.6008	0	0.6008		0	0	0.5985	0	0.5985	RB

2.30   Actuator 174

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005281.451148.

		t	e	c	b		total
				Given Parameters			
S		0	0	0.6	0		0.6

Computed Parameters

			Analytical Model						Simulated Model				
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002331	0	0.002331	λ
D	0	0	0.6	0	0.6		0	0	0.5995	0	0.5995	D
N	0	0	0.001368	0	0.001368		0	0	0.0014	0	0.0014	N
U	0	0	0.001366	0	0.001366		0	0	0.001397	0	0.001397	U
RA	0	0	0.6008	0	0.6008		0	0	0.6003	0	0.6003	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6005	0	0.6005	RB

2.31   Actuator 181

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005520.796122.

		t	e	c	b		total
				Given Parameters			
S		0	0	0.6	0		0.6

Computed Parameters

			Analytical Model						Simulated Model				
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002305	0	0.002305	λ
D	0	0	0.6	0	0.6		0	0	0.6063	0	0.6063	D
N	0	0	0.001368	0	0.001368		0	0	0.001398	0	0.001398	N
U	0	0	0.001366	0	0.001366		0	0	0.001397	0	0.001397	U
RA	0	0	0.6008	0	0.6008		0	0	0.6071	0	0.6071	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6067	0	0.6067	RB

2.32 Actuator 188

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005476.986133.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖ t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002311	0	0.002311	λ
D	0	0	0.6	0	0.6	0	0	0.5955	0	0.5955	D
N	0	0	0.001368	0	0.001368	0	0	0.001377	0	0.001377	N
U	0	0	0.001366	0	0.001366	0	0	0.001376	0	0.001376	U
RA	0	0	0.6008	0	0.6008	0	0	0.5963	0	0.5963	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5956	0	0.5956	RB

2.33 Actuator 195

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005125.722908.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖ t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002265	0	0.002265	λ
D	0	0	0.6	0	0.6	0	0	0.6158	0	0.6158	D
N	0	0	0.001368	0	0.001368	0	0	0.001397	0	0.001397	N
U	0	0	0.001366	0	0.001366	0	0	0.001395	0	0.001395	U
RA	0	0	0.6008	0	0.6008	0	0	0.6167	0	0.6167	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6168	0	0.6168	RB

2.34 Actuator 202

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005373.552747.

Given Parameters						
		t	e	c	b	total
S		0	0	0.6	0	0.6

Computed Parameters													
	Analytical Model						Simulated Model						
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.00228	0	0.00228	λ
D	0	0	0.6	0	0.6		0	0	0.6021	0	0.6021	D
N	0	0	0.001368	0	0.001368		0	0	0.001373	0	0.001373	N
U	0	0	0.001366	0	0.001366		0	0	0.001373	0	0.001373	U
RA	0	0	0.6008	0	0.6008		0	0	0.6029	0	0.6029	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6022	0	0.6022	RB

2.35 Actuator 209

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005552.86205.

Given Parameters						
		t	e	c	b	total
S		0	0	0.6	0	0.6

Computed Parameters													
	Analytical Model						Simulated Model						
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002241	0	0.002241	λ
D	0	0	0.6	0	0.6		0	0	0.6182	0	0.6182	D
N	0	0	0.001368	0	0.001368		0	0	0.001387	0	0.001387	N
U	0	0	0.001366	0	0.001366		0	0	0.001386	0	0.001386	U
RA	0	0	0.6008	0	0.6008		0	0	0.6191	0	0.6191	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6186	0	0.6186	RB

2.36 Actuator 216

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005234.486179.

Given Parameters

	t	e	c	b	total
S	0	0	0.6	0	0.6

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002297	0	0.002297	λ
D	0	0	0.6	0	0.6		0	0	0.5778	0	0.5778	D
N	0	0	0.001368	0	0.001368		0	0	0.001331	0	0.001331	N
U	0	0	0.001366	0	0.001366		0	0	0.001327	0	0.001327	U
RA	0	0	0.6008	0	0.6008		0	0	0.5785	0	0.5785	RA
RB	0	0	0.6008	0	0.6008		0	0	0.5796	0	0.5796	RB

2.37 Actuator 223

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005540.676068.

Given Parameters

	t	e	c	b	total
S	0	0	0.6	0	0.6

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002305	0	0.002305	λ
D	0	0	0.6	0	0.6		0	0	0.6056	0	0.6056	D
N	0	0	0.001368	0	0.001368		0	0	0.0014	0	0.0014	N
U	0	0	0.001366	0	0.001366		0	0	0.001396	0	0.001396	U
RA	0	0	0.6008	0	0.6008		0	0	0.6064	0	0.6064	RA
RB	0	0	0.6008	0	0.6008		0	0	0.6074	0	0.6074	RB

2.38 Actuator 230

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005536.523835.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.6	0	0.6

Computed Parameters												
	Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.00232	0	0.00232	λ
D	0	0	0.6	0	0.6	0	0	0.5967	0	0.5967	D
N	0	0	0.001368	0	0.001368	0	0	0.001387	0	0.001387	N
U	0	0	0.001366	0	0.001366	0	0	0.001384	0	0.001384	U
RA	0	0	0.6008	0	0.6008	0	0	0.5975	0	0.5975	RA
RB	0	0	0.6008	0	0.6008	0	0	0.598	0	0.598	RB

2.39 Actuator 237

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005449.473879.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.6	0	0.6

Computed Parameters												
	Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002283	0	0.002283	λ
D	0	0	0.6	0	0.6	0	0	0.5841	0	0.5841	D
N	0	0	0.001368	0	0.001368	0	0	0.001337	0	0.001337	N
U	0	0	0.001366	0	0.001366	0	0	0.001333	0	0.001333	U
RA	0	0	0.6008	0	0.6008	0	0	0.5849	0	0.5849	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5856	0	0.5856	RB

2.40   Actuator 244

This element **didn't** reach stability in the simulation!
This actuator is of Type0
This element finished the simulation at simulation time: 2005566.956454.

Given Parameters

		t	e	c	b		total
S		0	0	0.6	0		0.6

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	‖	0	0	0.00227	0	0.00227	λ
D	0	0	0.6	0	0.6	‖	0	0	0.5726	0	0.5726	D
N	0	0	0.001368	0	0.001368	‖	0	0	0.001302	0	0.001302	N
U	0	0	0.001366	0	0.001366	‖	0	0	0.0013	0	0.0013	U
RA	0	0	0.6008	0	0.6008	‖	0	0	0.5734	0	0.5734	RA
RB	0	0	0.6008	0	0.6008	‖	0	0	0.5737	0	0.5737	RB

2.41   Lan IN 250

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005581.488412.

Given Parameters

		t	e	c	b		total
S		0	0	0.01	0		0.01

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	‖	0	0	0.002224	0	0.002224	λ
D	0	0	0.01	0	0.01	‖	0	0	0.0101	0	0.0101	D
N	0	0	$2.3e-05$	0	$2.3e-05$	‖	0	0	$2.2e-05$	0	$2.2e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	‖	0	0	$2.2e-05$	0	$2.2e-05$	U
RA	0	0	0.01	0	0.01	‖	0	0	0.0101	0	0.0101	RA
RB	0	0	0.01	0	0.01	‖	0	0	0.0101	0	0.0101	RB

2.42 Lan OUT 250

	Given Parameters				
	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4205	0.008466	0	0	0.4289	λ
D	0.02	0.02	0	0	0.04	0.02003	0.02009	0	0	0.04011	D
N	0.008473	0.000169	0	0	0.008642	0.008494	0.000172	0	0	0.008666	N
U	0.0084	0.000168	0	0	0.008568	0.00842	0.00017	0	0	0.00859	U
RA	0.02017	0.02017	0	0	0.04035	0.0202	0.02026	0	0	0.04046	RA
RB	0.02017	0.02017	0	0	0.04035	0.0202	0.02029	0	0	0.04049	RB

2.43 Lan IN 251

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005587.99962.

	Given Parameters				
	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002259	0	0.002259	λ
D	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	RA
RB	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	RB

2.44 Lan OUT 251

		Given Parameters				
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.42	0.008393	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04		0.01999	0.02013	0	0	0.04013	D
N	0.008473	0.000169	0	0	0.008642		0.008468	0.00017	0	0	0.008638	N
U	0.0084	0.000168	0	0	0.008568		0.008397	0.000169	0	0	0.008566	U
RA	0.02017	0.02017	0	0	0.04035		0.02017	0.02031	0	0	0.04047	RA
RB	0.02017	0.02017	0	0	0.04035		0.02016	0.0203	0	0	0.04046	RB

2.45 Lan IN 252

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005588.179325.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.01	0	0.01

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.00231	0	0.00231	λ
D	0	0	0.01	0	0.01		0	0	0.009966	0	0.009966	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.009966	0	0.009966	RA
RB	0	0	0.01	0	0.01		0	0	0.009966	0	0.009966	RB

2.46 Lan OUT 252

		Given Parameters				
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.4207	0.0083	0	0	0.429	λ
D	0.02	0.02	0	0	0.04		0.02003	0.02018	0	0	0.04021	D
N	0.008473	0.000169	0	0	0.008642		0.008499	0.000169	0	0	0.008668	N
U	0.0084	0.000168	0	0	0.008568		0.008427	0.000167	0	0	0.008594	U
RA	0.02017	0.02017	0	0	0.04035		0.0202	0.02035	0	0	0.04055	RA
RB	0.02017	0.02017	0	0	0.04035		0.0202	0.02037	0	0	0.04057	RB

2.47 Lan IN 253

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005588.239456.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.01	0	0.01

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002232	0	0.002232	λ
D	0	0	0.01	0	0.01		0	0	0.009764	0	0.009764	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.2e-05$	0	$2.2e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.2e-05$	0	$2.2e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.009764	0	0.009764	RA
RB	0	0	0.01	0	0.01		0	0	0.009764	0	0.009764	RB

2.48 Lan OUT 253

		Given Parameters				
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

	Computed Parameters											
	Analytical Model					Simulated Model						
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4196	0.008493	0	0	0.4281	λ
D	0.02	0.02	0	0	0.04	0.02002	0.01974	0	0	0.03977	D
N	0.008473	0.000169	0	0	0.008642	0.008475	0.000169	0	0	0.008644	N
U	0.0084	0.000168	0	0	0.008568	0.008402	0.000168	0	0	0.00857	U
RA	0.02017	0.02017	0	0	0.04035	0.0202	0.01991	0	0	0.04011	RA
RB	0.02017	0.02017	0	0	0.04035	0.0202	0.01992	0	0	0.04012	RB

2.49 Lan IN 254

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005587.328099.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.01	0	0.01

	Computed Parameters											
	Analytical Model					Simulated Model						
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002253	0	0.002253	λ
D	0	0	0.01	0	0.01	0	0	0.009878	0	0.009878	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.2e-05$	0	$2.2e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.2e-05$	0	$2.2e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009878	0	0.009878	RA
RB	0	0	0.01	0	0.01	0	0	0.009878	0	0.009878	RB

2.50 Lan OUT 254

		Given Parameters				
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

	Computed Parameters											

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.4195	0.008422	0	0	0.4279	λ
D	0.02	0.02	0	0	0.04		0.02002	0.01998	0	0	0.03999	D
N	0.008473	0.000169	0	0	0.008642		0.008469	0.00017	0	0	0.008639	N
U	0.0084	0.000168	0	0	0.008568		0.008397	0.000168	0	0	0.008565	U
RA	0.02017	0.02017	0	0	0.04035		0.02019	0.02015	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035		0.02019	0.02021	0	0	0.0404	RB

2.51 Lan IN 255

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005588.427598.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.01	0	0.01

	Computed Parameters											

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002221	0	0.002221	λ
D	0	0	0.01	0	0.01		0	0	0.0102	0	0.0102	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.0102	0	0.0102	RA
RB	0	0	0.01	0	0.01		0	0	0.0102	0	0.0102	RB

2.52 Lan OUT 255

		Given Parameters				
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

		Computed Parameters									
		Analytical Model					Simulated Model				
		t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.42	0.008395	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02002	0.01983	0	0	0.03985	D
N	0.008473	0.000169	0	0	0.008642	0.008481	0.000168	0	0	0.008649	N
U	0.0084	0.000168	0	0	0.008568	0.008408	0.000166	0	0	0.008574	U
RA	0.02017	0.02017	0	0	0.04035	0.0202	0.02	0	0	0.04019	RA
RB	0.02017	0.02017	0	0	0.04035	0.02019	0.01999	0	0	0.04018	RB

2.53 Lan IN 256

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005587.526488.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.01	0	0.01

		Computed Parameters									
		Analytical Model					Simulated Model				
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002273	0	0.002273	λ
D	0	0	0.01	0	0.01	0	0	0.009765	0	0.009765	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.2e-05$	0	$2.2e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.2e-05$	0	$2.2e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009765	0	0.009765	RA
RB	0	0	0.01	0	0.01	0	0	0.009765	0	0.009765	RB

2.54 Lan OUT 256

Given Parameters

	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.4197	0.008259	0	0	0.428	λ
D	0.02	0.02	0	0	0.04		0.02001	0.01996	0	0	0.03996	D
N	0.008473	0.000169	0	0	0.008642		0.008468	0.000166	0	0	0.008634	N
U	0.0084	0.000168	0	0	0.008568		0.008396	0.000165	0	0	0.008561	U
RA	0.02017	0.02017	0	0	0.04035		0.02018	0.02013	0	0	0.04031	RA
RB	0.02017	0.02017	0	0	0.04035		0.02018	0.02013	0	0	0.0403	RB

2.55 Lan IN 257

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005587.87584.

Given Parameters

	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002309	0	0.002309	λ
D	0	0	0.01	0	0.01		0	0	0.009778	0	0.009778	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.009778	0	0.009778	RA
RB	0	0	0.01	0	0.01		0	0	0.009778	0	0.009778	RB

2.56   Lan OUT 257

Given Parameters					
	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008539	0	0	0.4286	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02012	0	0	0.04011	D
N	0.008473	0.000169	0	0	0.008642	0.008468	0.000173	0	0	0.008641	N
U	0.0084	0.000168	0	0	0.008568	0.008397	0.000172	0	0	0.008569	U
RA	0.02017	0.02017	0	0	0.04035	0.02016	0.0203	0	0	0.04046	RA
RB	0.02017	0.02017	0	0	0.04035	0.02016	0.02028	0	0	0.04044	RB

2.57   Lan IN 258

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005583.701886.

Given Parameters					
	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters												
	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002239	0	0.002239	λ
D	0	0	0.01	0	0.01	0	0	0.01011	0	0.01011	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01011	0	0.01011	RA
RB	0	0	0.01	0	0.01	0	0	0.01011	0	0.01011	RB

2.58 Lan OUT 258

		t	e	c	b		total
				Given Parameters			
S		0.02	0.02	0	0		0.04

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.4199	0.008525	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04		0.01998	0.02017	0	0	0.04015	D
N	0.008473	0.000169	0	0	0.008642		0.008464	0.000173	0	0	0.008637	N
U	0.0084	0.000168	0	0	0.008568		0.008392	0.000172	0	0	0.008564	U
RA	0.02017	0.02017	0	0	0.04035		0.02016	0.02034	0	0	0.0405	RA
RB	0.02017	0.02017	0	0	0.04035		0.02016	0.02032	0	0	0.04048	RB

2.59 Lan IN 259

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005583.423345.

Given Parameters

		t	e	c	b		total
S		0	0	0.01	0		0.01

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002304	0	0.002304	λ
D	0	0	0.01	0	0.01		0	0	0.01	0	0.01	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.01	0	0.01	RA
RB	0	0	0.01	0	0.01		0	0	0.01	0	0.01	RB

2.60 Lan OUT 259

Given Parameters

	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.4199	0.008361	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04		0.02002	0.01971	0	0	0.03972	D
N	0.008473	0.000169	0	0	0.008642		0.008478	0.000166	0	0	0.008644	N
U	0.0084	0.000168	0	0	0.008568		0.008406	0.000165	0	0	0.008571	U
RA	0.02017	0.02017	0	0	0.04035		0.02019	0.01988	0	0	0.04007	RA
RB	0.02017	0.02017	0	0	0.04035		0.02019	0.01989	0	0	0.04008	RB

2.61 Lan IN 260

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005582.72598.

Given Parameters

	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002253	0	0.002253	λ
D	0	0	0.01	0	0.01		0	0	0.01014	0	0.01014	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.01014	0	0.01014	RA
RB	0	0	0.01	0	0.01		0	0	0.01014	0	0.01014	RB

2.62 Lan OUT 260

		Given Parameters				
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

Computed Parameters												
	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.4201	0.008463	0	0	0.4286	λ
D	0.02	0.02	0	0	0.04		0.01997	0.02025	0	0	0.04022	D
N	0.008473	0.000169	0	0	0.008642		0.008461	0.000173	0	0	0.008634	N
U	0.0084	0.000168	0	0	0.008568		0.008392	0.000171	0	0	0.008563	U
RA	0.02017	0.02017	0	0	0.04035		0.02015	0.02042	0	0	0.04057	RA
RB	0.02017	0.02017	0	0	0.04035		0.02014	0.02042	0	0	0.04056	RB

2.63 Lan IN 261

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005587.935001.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.01	0	0.01

Computed Parameters												
	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002294	0	0.002294	λ
D	0	0	0.01	0	0.01		0	0	0.009876	0	0.009876	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.009876	0	0.009876	RA
RB	0	0	0.01	0	0.01		0	0	0.009876	0	0.009876	RB

2.64 Lan OUT 261

Given Parameters						
	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4194	0.008452	0	0	0.4278	λ
D	0.02	0.02	0	0	0.04	0.02001	0.01997	0	0	0.03998	D
N	0.008473	0.000169	0	0	0.008642	0.008465	0.00017	0	0	0.008635	N
U	0.0084	0.000168	0	0	0.008568	0.008393	0.000169	0	0	0.008562	U
RA	0.02017	0.02017	0	0	0.04035	0.02019	0.02014	0	0	0.04033	RA
RB	0.02017	0.02017	0	0	0.04035	0.02019	0.02016	0	0	0.04035	RB

2.65 Lan IN 262

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005588.689569.

Given Parameters						
	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.00231	0	0.00231	λ
D	0	0	0.01	0	0.01	0	0	0.01006	0	0.01006	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01006	0	0.01006	RA
RB	0	0	0.01	0	0.01	0	0	0.01006	0	0.01006	RB

2.66 Lan OUT 262

<table>
<tr><td colspan="6" align="center">Given Parameters</td></tr>
<tr><td></td><td>t</td><td>e</td><td>c</td><td>b</td><td>total</td></tr>
<tr><td>S</td><td>0.02</td><td>0.02</td><td>0</td><td>0</td><td>0.04</td></tr>
</table>

<table>
<tr><td colspan="11" align="center">Computed Parameters</td></tr>
<tr><td></td><td colspan="5" align="center">Analytical Model</td><td colspan="5" align="center">Simulated Model</td></tr>
<tr><td></td><td>t</td><td>e</td><td>c</td><td>b</td><td>total</td><td>t</td><td>e</td><td>c</td><td>b</td><td>total</td><td></td></tr>
<tr><td>λ</td><td>0.42</td><td>0.0084</td><td>0</td><td>0</td><td>0.4284</td><td>0.4197</td><td>0.008434</td><td>0</td><td>0</td><td>0.4282</td><td>λ</td></tr>
<tr><td>D</td><td>0.02</td><td>0.02</td><td>0</td><td>0</td><td>0.04</td><td>0.02001</td><td>0.01996</td><td>0</td><td>0</td><td>0.03997</td><td>D</td></tr>
<tr><td>N</td><td>0.008473</td><td>0.000169</td><td>0</td><td>0</td><td>0.008642</td><td>0.00847</td><td>0.00017</td><td>0</td><td>0</td><td>0.00864</td><td>N</td></tr>
<tr><td>U</td><td>0.0084</td><td>0.000168</td><td>0</td><td>0</td><td>0.008568</td><td>0.008397</td><td>0.000168</td><td>0</td><td>0</td><td>0.008565</td><td>U</td></tr>
<tr><td>RA</td><td>0.02017</td><td>0.02017</td><td>0</td><td>0</td><td>0.04035</td><td>0.02018</td><td>0.02013</td><td>0</td><td>0</td><td>0.04031</td><td>RA</td></tr>
<tr><td>RB</td><td>0.02017</td><td>0.02017</td><td>0</td><td>0</td><td>0.04035</td><td>0.02018</td><td>0.02014</td><td>0</td><td>0</td><td>0.04032</td><td>RB</td></tr>
</table>

2.67 Lan IN 263

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005587.392085.

<table>
<tr><td colspan="6" align="center">Given Parameters</td></tr>
<tr><td></td><td>t</td><td>e</td><td>c</td><td>b</td><td>total</td></tr>
<tr><td>S</td><td>0</td><td>0</td><td>0.01</td><td>0</td><td>0.01</td></tr>
</table>

<table>
<tr><td colspan="11" align="center">Computed Parameters</td></tr>
<tr><td></td><td colspan="5" align="center">Analytical Model</td><td colspan="5" align="center">Simulated Model</td></tr>
<tr><td></td><td>t</td><td>e</td><td>c</td><td>b</td><td>total</td><td>t</td><td>e</td><td>c</td><td>b</td><td>total</td><td></td></tr>
<tr><td>λ</td><td>0</td><td>0</td><td>0.002276</td><td>0</td><td>0.002276</td><td>0</td><td>0</td><td>0.002272</td><td>0</td><td>0.002272</td><td>λ</td></tr>
<tr><td>D</td><td>0</td><td>0</td><td>0.01</td><td>0</td><td>0.01</td><td>0</td><td>0</td><td>0.01012</td><td>0</td><td>0.01012</td><td>D</td></tr>
<tr><td>N</td><td>0</td><td>0</td><td>$2.3e-05$</td><td>0</td><td>$2.3e-05$</td><td>0</td><td>0</td><td>$2.3e-05$</td><td>0</td><td>$2.3e-05$</td><td>N</td></tr>
<tr><td>U</td><td>0</td><td>0</td><td>$2.3e-05$</td><td>0</td><td>$2.3e-05$</td><td>0</td><td>0</td><td>$2.3e-05$</td><td>0</td><td>$2.3e-05$</td><td>U</td></tr>
<tr><td>RA</td><td>0</td><td>0</td><td>0.01</td><td>0</td><td>0.01</td><td>0</td><td>0</td><td>0.01012</td><td>0</td><td>0.01012</td><td>RA</td></tr>
<tr><td>RB</td><td>0</td><td>0</td><td>0.01</td><td>0</td><td>0.01</td><td>0</td><td>0</td><td>0.01012</td><td>0</td><td>0.01012</td><td>RB</td></tr>
</table>

2.68 Lan OUT 263

	t	e	c	b	total
Given Parameters					
S	0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4196	0.008419	0	0	0.428	λ
D	0.02	0.02	0	0	0.04	0.02	0.0199	0	0	0.0399	D
N	0.008473	0.000169	0	0	0.008642	0.008466	0.000169	0	0	0.008635	N
U	0.0084	0.000168	0	0	0.008568	0.008394	0.000168	0	0	0.008562	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.02007	0	0	0.04025	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02005	0	0	0.04022	RB

2.69 Lan IN 264

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005586.17823.

	t	e	c	b	total
Given Parameters					
S	0	0	0.01	0	0.01

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002298	0	0.002298	λ
D	0	0	0.01	0	0.01	0	0	0.01009	0	0.01009	D
N	0	0	2.3e − 05	0	2.3e − 05	0	0	2.3e − 05	0	2.3e − 05	N
U	0	0	2.3e − 05	0	2.3e − 05	0	0	2.3e − 05	0	2.3e − 05	U
RA	0	0	0.01	0	0.01	0	0	0.01009	0	0.01009	RA
RB	0	0	0.01	0	0.01	0	0	0.01009	0	0.01009	RB

2.70 Lan OUT 264

Given Parameters

	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.4196	0.0084	0	0	0.428	λ
D	0.02	0.02	0	0	0.04		0.01997	0.01999	0	0	0.03996	D
N	0.008473	0.000169	0	0	0.008642		0.008451	0.000169	0	0	0.00862	N
U	0.0084	0.000168	0	0	0.008568		0.008378	0.000168	0	0	0.008546	U
RA	0.02017	0.02017	0	0	0.04035		0.02014	0.02016	0	0	0.0403	RA
RB	0.02017	0.02017	0	0	0.04035		0.02014	0.02016	0	0	0.0403	RB

2.71 Lan IN 265

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005588.71984.

Given Parameters

	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters

	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.00227	0	0.00227	λ
D	0	0	0.01	0	0.01		0	0	0.00989	0	0.00989	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.2e-05$	0	$2.2e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.2e-05$	0	$2.2e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.00989	0	0.00989	RA
RB	0	0	0.01	0	0.01		0	0	0.00989	0	0.00989	RB

2.72 Lan OUT 265

Given Parameters						
	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4204	0.008285	0	0	0.4287	λ
D	0.02	0.02	0	0	0.04	0.01999	0.0201	0	0	0.04009	D
N	0.008473	0.000169	0	0	0.008642	0.008478	0.000168	0	0	0.008646	N
U	0.0084	0.000168	0	0	0.008568	0.008404	0.000167	0	0	0.008571	U
RA	0.02017	0.02017	0	0	0.04035	0.02016	0.02027	0	0	0.04043	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02024	0	0	0.0404	RB

2.73 Lan IN 266

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005586.468759.

Given Parameters						
	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.00227	0	0.00227	λ
D	0	0	0.01	0	0.01	0	0	0.009924	0	0.009924	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009924	0	0.009924	RA
RB	0	0	0.01	0	0.01	0	0	0.009924	0	0.009924	RB

2.74 Lan OUT 266

		Given Parameters				
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4194	0.008328	0	0	0.4277	λ
D	0.02	0.02	0	0	0.04	0.02005	0.02013	0	0	0.04018	D
N	0.008473	0.000169	0	0	0.008642	0.008479	0.000169	0	0	0.008648	N
U	0.0084	0.000168	0	0	0.008568	0.008407	0.000168	0	0	0.008575	U
RA	0.02017	0.02017	0	0	0.04035	0.02022	0.02031	0	0	0.04053	RA
RB	0.02017	0.02017	0	0	0.04035	0.02022	0.02029	0	0	0.04051	RB

2.75 Lan IN 267

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005586.668701.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.01	0	0.01

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002288	0	0.002288	λ
D	0	0	0.01	0	0.01	0	0	0.009982	0	0.009982	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009982	0	0.009982	RA
RB	0	0	0.01	0	0.01	0	0	0.009982	0	0.009982	RB

2.76 Lan OUT 267

Given Parameters						
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

Computed Parameters												
	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4208	0.008504	0	0	0.4293	λ
D	0.02	0.02	0	0	0.04	0.01997	0.01999	0	0	0.03996	D
N	0.008473	0.000169	0	0	0.008642	0.008474	0.000171	0	0	0.008645	N
U	0.0084	0.000168	0	0	0.008568	0.008403	0.00017	0	0	0.008573	U
RA	0.02017	0.02017	0	0	0.04035	0.02014	0.02016	0	0	0.04031	RA
RB	0.02017	0.02017	0	0	0.04035	0.02014	0.02016	0	0	0.0403	RB

2.77 Lan IN 268

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005587.697412.

Given Parameters						
		t	e	c	b	total
S		0	0	0.01	0	0.01

Computed Parameters													
	Analytical Model						‖	Simulated Model					
	t	e	c	b	total	‖	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002259	0	0.002259	λ
D	0	0	0.01	0	0.01	0	0	0.009896	0	0.009896	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.2e-05$	0	$2.2e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.2e-05$	0	$2.2e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009896	0	0.009896	RA
RB	0	0	0.01	0	0.01	0	0	0.009897	0	0.009897	RB

2.78 Lan OUT 268

Given Parameters

	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008249	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.01999	0.0199	0	0	0.03989	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.000166	0	0	0.008636	N
U	0.0084	0.000168	0	0	0.008568	0.008397	0.000164	0	0	0.008561	U
RA	0.02017	0.02017	0	0	0.04035	0.02016	0.02007	0	0	0.04023	RA
RB	0.02017	0.02017	0	0	0.04035	0.02016	0.02011	0	0	0.04027	RB

2.79 Lan IN 269

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005587.80015.

Given Parameters

	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002333	0	0.002333	λ
D	0	0	0.01	0	0.01	0	0	0.009957	0	0.009957	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009957	0	0.009957	RA
RB	0	0	0.01	0	0.01	0	0	0.009957	0	0.009957	RB

2.80 Lan OUT 269

		t	e	c	b		total
			Given Parameters				
S		0.02	0.02	0	0		0.04

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.4203	0.008384	0	0	0.4287	λ
D	0.02	0.02	0	0	0.04		0.02003	0.02012	0	0	0.04016	D
N	0.008473	0.000169	0	0	0.008642		0.008492	0.00017	0	0	0.008662	N
U	0.0084	0.000168	0	0	0.008568		0.00842	0.000169	0	0	0.008589	U
RA	0.02017	0.02017	0	0	0.04035		0.02021	0.0203	0	0	0.0405	RA
RB	0.02017	0.02017	0	0	0.04035		0.02021	0.0203	0	0	0.04051	RB

2.81 Lan IN 270

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005582.17509.

Given Parameters

		t	e	c	b		total
S		0	0	0.01	0		0.01

Computed Parameters

	Analytical Model					‖	Simulated Model					
	t	e	c	b	total	‖	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002305	0	0.002305	λ
D	0	0	0.01	0	0.01		0	0	0.01004	0	0.01004	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.01004	0	0.01004	RA
RB	0	0	0.01	0	0.01		0	0	0.01004	0	0.01004	RB

2.82 Lan OUT 270

		t	e	c	b		total
			Given Parameters				
S		0.02	0.02	0	0		0.04

Computed Parameters

		Analytical Model				total	‖		Simulated Model				total	
		t	e	c	b	total	‖	t	e	c	b	total	
λ		0.42	0.0084	0	0	0.4284	‖	0.4202	0.008384	0	0	0.4286	λ
D		0.02	0.02	0	0	0.04	‖	0.01997	0.01965	0	0	0.03962	D
N		0.008473	0.000169	0	0	0.008642	‖	0.008469	0.000166	0	0	0.008635	N
U		0.0084	0.000168	0	0	0.008568	‖	0.008393	0.000165	0	0	0.008558	U
RA		0.02017	0.02017	0	0	0.04035	‖	0.02015	0.01982	0	0	0.03996	RA
RB		0.02017	0.02017	0	0	0.04035	‖	0.02015	0.01981	0	0	0.03996	RB

2.83 Lan IN 271

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005588.193805.

		t	e	c	b		total
			Given Parameters				
S		0	0	0.01	0		0.01

Computed Parameters

		Analytical Model					‖		Simulated Model					
	t	e	c	b	total	‖	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	‖	0	0	0.00231	0	0.00231	λ
D	0	0	0.01	0	0.01	‖	0	0	0.009938	0	0.009938	D
N	0	0	$2.3e-05$	0	$2.3e-05$	‖	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	‖	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	‖	0	0	0.009938	0	0.009938	RA
RB	0	0	0.01	0	0.01	‖	0	0	0.009938	0	0.009938	RB

2.84 Lan OUT 271

Given Parameters						
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

Computed Parameters												
	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284		0.4197	0.008392	0	0	0.4281	λ
D	0.02	0.02	0	0	0.04		0.02002	0.02018	0	0	0.0402	D
N	0.008473	0.000169	0	0	0.008642		0.008476	0.000171	0	0	0.008647	N
U	0.0084	0.000168	0	0	0.008568		0.008402	0.000169	0	0	0.008571	U
RA	0.02017	0.02017	0	0	0.04035		0.02019	0.02035	0	0	0.04055	RA
RB	0.02017	0.02017	0	0	0.04035		0.0202	0.02038	0	0	0.04058	RB

2.85 Lan IN 272

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005585.092083.

Given Parameters						
		t	e	c	b	total
S		0	0	0.01	0	0.01

Computed Parameters												
	Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276		0	0	0.002265	0	0.002265	λ
D	0	0	0.01	0	0.01		0	0	0.009704	0	0.009704	D
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.2e-05$	0	$2.2e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.2e-05$	0	$2.2e-05$	U
RA	0	0	0.01	0	0.01		0	0	0.009704	0	0.009704	RA
RB	0	0	0.01	0	0.01		0	0	0.009715	0	0.009715	RB

2.86 Lan OUT 272

Given Parameters

	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4207	0.008377	0	0	0.4291	λ
D	0.02	0.02	0	0	0.04	0.02001	0.02006	0	0	0.04007	D
N	0.008473	0.000169	0	0	0.008642	0.008492	0.000169	0	0	0.008661	N
U	0.0084	0.000168	0	0	0.008568	0.00842	0.000168	0	0	0.008588	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.02024	0	0	0.04042	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02021	0	0	0.0404	RB

2.87 Lan IN 273

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005588.321142.

Given Parameters

	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002282	0	0.002282	λ
D	0	0	0.01	0	0.01	0	0	0.0101	0	0.0101	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.0101	0	0.0101	RA
RB	0	0	0.01	0	0.01	0	0	0.0101	0	0.0101	RB

2.88 Lan OUT 273

Given Parameters						
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total		t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4203	0.008452	0	0	0.4288	λ
D	0.02	0.02	0	0	0.04	0.02	0.02002	0	0	0.04001	D
N	0.008473	0.000169	0	0	0.008642	0.008479	0.000171	0	0	0.00865	N
U	0.0084	0.000168	0	0	0.008568	0.008406	0.000169	0	0	0.008575	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02019	0	0	0.04036	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02024	0	0	0.04041	RB

2.89 Lan IN 274

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005584.883351.

Given Parameters						
		t	e	c	b	total
S		0	0	0.01	0	0.01

Computed Parameters											
	Analytical Model						Simulated Model				
	t	e	c	b	total		t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002241	0	0.002241	λ
D	0	0	0.01	0	0.01	0	0	0.01001	0	0.01001	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.2e-05$	0	$2.2e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.2e-05$	0	$2.2e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01001	0	0.01001	RA
RB	0	0	0.01	0	0.01	0	0	0.01001	0	0.01001	RB

2.90 Lan OUT 274

	t	e	c	b	total
	Given Parameters				
S	0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4192	0.008336	0	0	0.4275	λ
D	0.02	0.02	0	0	0.04	0.02005	0.0199	0	0	0.03995	D
N	0.008473	0.000169	0	0	0.008642	0.008475	0.000168	0	0	0.008643	N
U	0.0084	0.000168	0	0	0.008568	0.008405	0.000166	0	0	0.008571	U
RA	0.02017	0.02017	0	0	0.04035	0.02022	0.02007	0	0	0.04029	RA
RB	0.02017	0.02017	0	0	0.04035	0.02022	0.02011	0	0	0.04033	RB

2.91 Lan IN 275

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005585.164971.

Given Parameters

	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002297	0	0.002297	λ
D	0	0	0.01	0	0.01	0	0	0.009903	0	0.009903	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009903	0	0.009903	RA
RB	0	0	0.01	0	0.01	0	0	0.009903	0	0.009903	RB

2.92 Lan OUT 275

	t	e	c	b	total
		Given Parameters			
S	0.02	0.02	0	0	0.04

		Computed Parameters									
		Analytical Model					**Simulated Model**				
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4203	0.008506	0	0	0.4288	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02019	0	0	0.04018	D
N	0.008473	0.000169	0	0	0.008642	0.008475	0.000173	0	0	0.008648	N
U	0.0084	0.000168	0	0	0.008568	0.008402	0.000172	0	0	0.008574	U
RA	0.02017	0.02017	0	0	0.04035	0.02016	0.02036	0	0	0.04052	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02034	0	0	0.04051	RB

2.93 Lan IN 276

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005587.851688.

	t	e	c	b	total
		Given Parameters			
S	0	0	0.01	0	0.01

		Computed Parameters									
		Analytical Model					**Simulated Model**				
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002303	0	0.002303	λ
D	0	0	0.01	0	0.01	0	0	0.01021	0	0.01021	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.4e-05$	0	$2.4e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.4e-05$	0	$2.4e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01021	0	0.01021	RA
RB	0	0	0.01	0	0.01	0	0	0.01021	0	0.01021	RB

2.94 Lan OUT 276

			Given Parameters			
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

		Computed Parameters									

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4206	0.008355	0	0	0.429	λ
D	0.02	0.02	0	0	0.04	0.02003	0.02005	0	0	0.04008	D
N	0.008473	0.000169	0	0	0.008642	0.008499	0.000169	0	0	0.008668	N
U	0.0084	0.000168	0	0	0.008568	0.008426	0.000167	0	0	0.008593	U
RA	0.02017	0.02017	0	0	0.04035	0.02021	0.02022	0	0	0.04043	RA
RB	0.02017	0.02017	0	0	0.04035	0.02021	0.02022	0	0	0.04043	RB

2.95 Lan IN 277

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005580.732843.

			Given Parameters			
		t	e	c	b	total
S		0	0	0.01	0	0.01

		Computed Parameters									

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002318	0	0.002318	λ
D	0	0	0.01	0	0.01	0	0	0.01011	0	0.01011	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01011	0	0.01011	RA
RB	0	0	0.01	0	0.01	0	0	0.01012	0	0.01012	RB

2.96   Lan OUT 277

		Given Parameters				
		t	e	c	b	total
S		0.02	0.02	0	0	0.04

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4203	0.008387	0	0	0.4287	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02026	0	0	0.04025	D
N	0.008473	0.000169	0	0	0.008642	0.008473	0.000171	0	0	0.008644	N
U	0.0084	0.000168	0	0	0.008568	0.008401	0.00017	0	0	0.008571	U
RA	0.02017	0.02017	0	0	0.04035	0.02016	0.02043	0	0	0.04059	RA
RB	0.02017	0.02017	0	0	0.04035	0.02016	0.02042	0	0	0.04058	RB

2.97   Lan IN 278

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005588.593387.

		Given Parameters				
		t	e	c	b	total
S		0	0	0.01	0	0.01

Computed Parameters

	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.002284	0	0.002284	λ
D	0	0	0.01	0	0.01	0	0	0.01012	0	0.01012	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01012	0	0.01012	RA
RB	0	0	0.01	0	0.01	0	0	0.01012	0	0.01012	RB

2.98 Lan OUT 278

Given Parameters					
	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters											
	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4207	0.008475	0	0	0.4292	λ
D	0.02	0.02	0	0	0.04	0.01998	0.02028	0	0	0.04025	D
N	0.008473	0.000169	0	0	0.008642	0.008478	0.000173	0	0	0.008651	N
U	0.0084	0.000168	0	0	0.008568	0.008405	0.000172	0	0	0.008577	U
RA	0.02017	0.02017	0	0	0.04035	0.02015	0.02045	0	0	0.0406	RA
RB	0.02017	0.02017	0	0	0.04035	0.02015	0.02046	0	0	0.04061	RB

2.99 Lan IN 279

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 2005589.0.

Given Parameters					
	t	e	c	b	total
S	0	0	0.01	0	0.01

Computed Parameters											
	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0	0	0.002276	0	0.002276	0	0	0.00227	0	0.00227	λ
D	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	RA
RB	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	RB

2.100 Lan OUT 279

Given Parameters					
	t	e	c	b	total
S	0.02	0.02	0	0	0.04

Computed Parameters											
	Analytical Model					Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	0.42	0.0084	0	0	0.4284	0.4203	0.008372	0	0	0.4287	λ
D	0.02	0.02	0	0	0.04	0.02003	0.01965	0	0	0.03968	D
N	0.008473	0.000169	0	0	0.008642	0.008492	0.000166	0	0	0.008658	N
U	0.0084	0.000168	0	0	0.008568	0.008419	0.000165	0	0	0.008584	U
RA	0.02017	0.02017	0	0	0.04035	0.0202	0.01982	0	0	0.04003	RA
RB	0.02017	0.02017	0	0	0.04035	0.0202	0.01982	0	0	0.04003	RB