

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: 133.003 seconds seconds.

Memory usage: 19.09 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: 10027908.691212.

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
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	2.52	0.2041	0	0.04788	2.772	2.519	0.2042	0	0.04776	2.771	λ	
D	0.033	0.165	0	0.066	0.264	0.033	0.165	0	0.06593	0.2639	D	
N	0.0945	0.03827	0	0.003591	0.1364	0.1157	0.03523	0	0.003566	0.1545	N	
U	0.08316	0.03368	0	0.00316	0.12	0.08311	0.03369	0	0.003149	0.1199	U	
RA	0.0375	0.1875	0	0.075	0.3	0.0381	0.1905	0	0.07612	0.3047	RA	
RB	0.04267	0.1747	0	0.07567	0.293	0.04594	0.1726	0	0.07466	0.2932	RB	

2.2 Central storage of Node 0

Given Parameters												
	t		e		c		b		total			
S	0.033		0.73		0		0.23		0.993			
Computed Parameters												
Analytical Model						Simulated Model						
	t	e	c	b	total	t	e	c	b	total		
λ	2.52	0.1837	0	0.06829	2.772	2.519	0.1837	0	0.06819	2.771	λ	
D	0.033	0.73	0	0.23	0.993	0.033	0.7299	0	0.2299	0.9927	D	
N	0.1084	0.1748	0	0.02048	0.3037	0.5507	0.155	0	0.02471	0.7304	N	
U	0.08316	0.1341	0	0.01571	0.233	0.08311	0.1341	0	0.01568	0.2329	U	
RA	0.04302	0.9517	0	0.2999	1.295	0.0571	1.263	0	0.3978	1.718	RA	
RB	0.1689	0.8659	0	0.3659	1.401	0.2186	0.8435	0	0.3624	1.424	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: 10027908.825069.

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
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	0.00168	0.1862	0.1678	0.01511	0.001352	0.001663	0.1859	λ	
D	0.33	3.135	0.165	0.66	4.29	0.3298	3.138	0.1636	0.6536	4.285	D	
N	0.06189	0.05291	0.000251	0.001238	0.1163	0.08039	0.05054	0.000501	0.001237	0.1327	N	
U	0.05544	0.0474	0.000225	0.001109	0.1042	0.05533	0.04743	0.000221	0.001087	0.1041	U	
RA	0.3684	3.5	0.1842	0.7368	4.789	0.3735	3.555	0.1853	0.7404	4.854	RA	
RB	0.5172	3.322	0.3522	0.8472	5.039	0.4791	3.344	0.3706	0.7439	4.938	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: 10027908.705042.

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
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	0.00336	0.3723	0.3357	0.03023	0.002729	0.003387	0.3721	λ	
D	0.33	3.135	0.165	0.66	4.29	0.3301	3.137	0.1656	0.6643	4.297	D	
N	0.1401	0.1198	0.000567	0.002801	0.2632	0.2105	0.1101	0.001731	0.003042	0.3254	N	
U	0.1109	0.0948	0.000449	0.002218	0.2083	0.1108	0.09481	0.000452	0.00225	0.2083	U	
RA	0.4168	3.96	0.2084	0.8337	5.419	0.4375	4.158	0.2195	0.8805	5.695	RA	
RB	0.7536	3.559	0.5886	1.084	5.984	0.627	3.643	0.6343	0.898	5.802	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: 10027908.069647.

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
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	0.00672	0.7446	0.6716	0.06055	0.005412	0.006716	0.7443	λ	
D	0.33	3.135	0.165	0.66	4.29	0.3298	3.138	0.1658	0.6611	4.294	D	
N	0.3802	0.3251	0.00154	0.007604	0.7144	0.7305	0.277	0.007021	0.008921	1.024	N	
U	0.2218	0.1896	0.000898	0.004435	0.4167	0.2215	0.19	0.000897	0.00444	0.4168	U	
RA	0.5657	5.375	0.2829	1.131	7.355	0.6674	6.349	0.3355	1.338	8.69	RA	
RB	1.48	4.285	1.315	1.81	8.889	1.088	4.576	1.297	1.328	8.289	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: 10027908.700333.

Given Parameters											
	t		e		c		b		total		
aggr	1		1		1		1		4		
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	0.01344	1.489	1.343	0.1209	0.01094	0.01342	1.489	λ
D	0.33	3.135	0.165	0.66	4.29	0.3298	3.135	0.165	0.6589	4.289	D
N	2.662	2.276	0.01078	0.05324	5.002	7.504	1.605	0.06794	0.07704	9.255	N
U	0.4435	0.3792	0.001796	0.00887	0.8334	0.4431	0.379	0.001805	0.008842	0.8327	U
RA	1.981	18.82	0.9904	3.961	25.75	3.382	32.15	1.692	6.757	43.98	RA
RB	8.381	11.19	8.216	8.711	36.49	5.586	13.28	6.21	5.741	30.82	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: 10027905.731532.

This node has the same defining characteristics as these other nodes: **6**;

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
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	0.084	0.0084	0.001436	0	0.09384	0.08389	0.008388	0.001422	0	0.0937	λ	
D	1.65	15.48	0.815	0	17.95	1.652	15.49	0.8098	0	17.95	D	
N	0.1898	0.1781	0.001603	0	0.3696	0.2908	0.1624	0.006902	0	0.4602	N	
U	0.1386	0.1301	0.001171	0	0.2698	0.1386	0.13	0.001151	0	0.2697	U	
RA	2.26	21.21	1.116	0	24.58	2.412	22.62	1.182	0	26.22	RA	
RB	4.723	18.56	3.888	0	27.17	3.466	19.37	4.853	0	27.69	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: 10027906.817282.

This node has the same defining characteristics as these other nodes: **8; 9; 10;**

Given Parameters											
	t		e		c		b		total		
aggr	1		1		1		1		4		
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	0.084	0.0084	0.001436	0	0.09384	0.08394	0.008403	0.001435	0	0.09378	λ
D	1.65	15.48	0.815	0	17.95	1.651	15.47	0.8108	0	17.93	D
N	0.1898	0.1781	0.001603	0	0.3696	0.2898	0.1621	0.005491	0	0.4575	N
U	0.1386	0.1301	0.001171	0	0.2698	0.1386	0.13	0.001164	0	0.2698	U
RA	2.26	21.21	1.116	0	24.58	2.406	22.55	1.182	0	26.14	RA
RB	4.723	18.56	3.888	0	27.17	3.453	19.3	3.826	0	26.57	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: 10027901.973455.

This node has the same defining characteristics as these other nodes: **12; 13; 14; 15; 16; 17; 18;**

Given Parameters											
	t		e		c		b		total		
aggr	1		1		1		1		4		
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	0.084	0.0084	0.001436	0	0.09384	0.08395	0.008408	0.00143	0	0.09379	λ
D	1.65	15.48	0.815	0	17.95	1.65	15.47	0.8146	0	17.93	D
N	0.1898	0.1781	0.001603	0	0.3696	0.2896	0.1617	0.004628	0	0.456	N
U	0.1386	0.1301	0.001171	0	0.2698	0.1385	0.1301	0.001165	0	0.2697	U
RA	2.26	21.21	1.116	0	24.58	2.402	22.52	1.186	0	26.11	RA
RB	4.723	18.56	3.888	0	27.17	3.45	19.23	3.237	0	25.92	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: 10027868.268728.

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	1		1		1		1		4			
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	0.084	0.0084	0.001436	0	0.09384	0.08397	0.008394	0.001437	0	0.0938	λ	
D	1.65	15.49	0.815	0	17.95	1.65	15.5	0.8153	0	17.96	D	
N	0.1898	0.1781	0.001603	0	0.3696	0.2887	0.1603	0.004192	0	0.4532	N	
U	0.1386	0.1301	0.001171	0	0.2698	0.1385	0.1301	0.001171	0	0.2698	U	
RA	2.26	21.21	1.116	0	24.58	2.397	22.52	1.185	0	26.1	RA	
RB	4.723	18.56	3.888	0	27.17	3.438	19.1	2.917	0	25.46	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: 10027607.439115.

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	0.002267	0	0.002267	λ
D	0	0	0.6	0	0.6	0	0	0.599	0	0.599	D
N	0	0	0.001368	0	0.001368	0	0	0.001361	0	0.001361	N
U	0	0	0.001366	0	0.001366	0	0	0.001358	0	0.001358	U
RA	0	0	0.6008	0	0.6008	0	0	0.5998	0	0.5998	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6003	0	0.6003	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: 10027902.288138.

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	0.002239	0	0.002239	λ
D	0	0	0.6	0	0.6	0	0	0.598	0	0.598	D
N	0	0	0.001368	0	0.001368	0	0	0.001342	0	0.001342	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	0.5988	0	0.5988	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5995	0	0.5995	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: 10027755.233586.

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	0.002281	0	0.002281	λ
D	0	0	0.6	0	0.6	0	0	0.5908	0	0.5908	D
N	0	0	0.001368	0	0.001368	0	0	0.001351	0	0.001351	N
U	0	0	0.001366	0	0.001366	0	0	0.001348	0	0.001348	U
RA	0	0	0.6008	0	0.6008	0	0	0.5916	0	0.5916	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5921	0	0.5921	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: 10027877.355244.

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	0.6009	0	0.6009	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	0.001374	0	0.001374	U
RA	0	0	0.6008	0	0.6008	0	0	0.6017	0	0.6017	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6022	0	0.6022	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: 10027906.371334.

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	0.6018	0	0.6018	D
N	0	0	0.001368	0	0.001368	0	0	0.001371	0	0.001371	N
U	0	0	0.001366	0	0.001366	0	0	0.001367	0	0.001367	U
RA	0	0	0.6008	0	0.6008	0	0	0.6026	0	0.6026	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6037	0	0.6037	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: 10027859.386356.

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	0.5974	0	0.5974	D
N	0	0	0.001368	0	0.001368	0	0	0.001369	0	0.001369	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	0.5982	0	0.5982	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5986	0	0.5986	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: 10027901.236205.

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	0.002275	0	0.002275	λ
D	0	0	0.6	0	0.6	0	0	0.5931	0	0.5931	D
N	0	0	0.001368	0	0.001368	0	0	0.001353	0	0.001353	N
U	0	0	0.001366	0	0.001366	0	0	0.001349	0	0.001349	U
RA	0	0	0.6008	0	0.6008	0	0	0.5939	0	0.5939	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5947	0	0.5947	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: 10027458.247124.

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	0.002259	0	0.002259	λ
D	0	0	0.6	0	0.6	0	0	0.5965	0	0.5965	D
N	0	0	0.001368	0	0.001368	0	0	0.001351	0	0.001351	N
U	0	0	0.001366	0	0.001366	0	0	0.001348	0	0.001348	U
RA	0	0	0.6008	0	0.6008	0	0	0.5973	0	0.5973	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5981	0	0.5981	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: 10027450.435299.

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	0.002252	0	0.002252	λ
D	0	0	0.6	0	0.6	0	0	0.5985	0	0.5985	D
N	0	0	0.001368	0	0.001368	0	0	0.001351	0	0.001351	N
U	0	0	0.001366	0	0.001366	0	0	0.001348	0	0.001348	U
RA	0	0	0.6008	0	0.6008	0	0	0.5993	0	0.5993	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5997	0	0.5997	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: 10027664.687101.

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	0.002274	0	0.002274	λ
D	0	0	0.6	0	0.6	0	0	0.5988	0	0.5988	D
N	0	0	0.001368	0	0.001368	0	0	0.001365	0	0.001365	N
U	0	0	0.001366	0	0.001366	0	0	0.001362	0	0.001362	U
RA	0	0	0.6008	0	0.6008	0	0	0.5996	0	0.5996	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6001	0	0.6001	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: 10027885.647736.

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	0.002267	0	0.002267	λ
D	0	0	0.6	0	0.6	0	0	0.6012	0	0.6012	D
N	0	0	0.001368	0	0.001368	0	0	0.001367	0	0.001367	N
U	0	0	0.001366	0	0.001366	0	0	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.602	0	0.602	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6027	0	0.6027	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: 10027839.125937.

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	0.002307	0	0.002307	λ
D	0	0	0.6	0	0.6	0	0	0.6015	0	0.6015	D
N	0	0	0.001368	0	0.001368	0	0	0.001392	0	0.001392	N
U	0	0	0.001366	0	0.001366	0	0	0.001388	0	0.001388	U
RA	0	0	0.6008	0	0.6008	0	0	0.6023	0	0.6023	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6032	0	0.6032	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: 10027646.442533.

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	0.002262	0	0.002262	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	0.00136	0	0.00136	N
U	0	0	0.001366	0	0.001366	0	0	0.001356	0	0.001356	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	0.6011	0	0.6011	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: 10027899.504537.

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	0.00226	0	0.00226	λ
D	0	0	0.6	0	0.6	0	0	0.6097	0	0.6097	D
N	0	0	0.001368	0	0.001368	0	0	0.001381	0	0.001381	N
U	0	0	0.001366	0	0.001366	0	0	0.001378	0	0.001378	U
RA	0	0	0.6008	0	0.6008	0	0	0.6105	0	0.6105	RA
RB	0	0	0.6008	0	0.6008	0	0	0.611	0	0.611	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: 10027624.853106.

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	0.6013	0	0.6013	D
N	0	0	0.001368	0	0.001368	0	0	0.001376	0	0.001376	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	0.6021	0	0.6021	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6026	0	0.6026	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: 10027879.610094.

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	0.002274	0	0.002274	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	0.001379	0	0.001379	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	0.6059	0	0.6059	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6067	0	0.6067	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: 10027866.69087.

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	0.002292	0	0.002292	λ
D	0	0	0.6	0	0.6	0	0	0.5978	0	0.5978	D
N	0	0	0.001368	0	0.001368	0	0	0.001374	0	0.001374	N
U	0	0	0.001366	0	0.001366	0	0	0.00137	0	0.00137	U
RA	0	0	0.6008	0	0.6008	0	0	0.5986	0	0.5986	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5994	0	0.5994	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: 10027816.835324.

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	0.597	0	0.597	D
N	0	0	0.001368	0	0.001368	0	0	0.001351	0	0.001351	N
U	0	0	0.001366	0	0.001366	0	0	0.001348	0	0.001348	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	0.5986	0	0.5986	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: 10027898.025809.

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	0.002284	0	0.002284	λ
D	0	0	0.6	0	0.6	0	0	0.5985	0	0.5985	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	0.001367	0	0.001367	U
RA	0	0	0.6008	0	0.6008	0	0	0.5993	0	0.5993	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5999	0	0.5999	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: 10027883.787305.

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	0.002278	0	0.002278	λ
D	0	0	0.6	0	0.6	0	0	0.6034	0	0.6034	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	0.001374	0	0.001374	U
RA	0	0	0.6008	0	0.6008	0	0	0.6042	0	0.6042	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6043	0	0.6043	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: 10027901.40901.

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	0.002263	0	0.002263	λ
D	0	0	0.6	0	0.6	0	0	0.6002	0	0.6002	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	0.001358	0	0.001358	U
RA	0	0	0.6008	0	0.6008	0	0	0.601	0	0.601	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6019	0	0.6019	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: 10027884.55031.

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	0.002289	0	0.002289	λ
D	0	0	0.6	0	0.6	0	0	0.6066	0	0.6066	D
N	0	0	0.001368	0	0.001368	0	0	0.001391	0	0.001391	N
U	0	0	0.001366	0	0.001366	0	0	0.001389	0	0.001389	U
RA	0	0	0.6008	0	0.6008	0	0	0.6074	0	0.6074	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6075	0	0.6075	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: 10027820.553685.

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	0.002243	0	0.002243	λ
D	0	0	0.6	0	0.6	0	0	0.5989	0	0.5989	D
N	0	0	0.001368	0	0.001368	0	0	0.001346	0	0.001346	N
U	0	0	0.001366	0	0.001366	0	0	0.001343	0	0.001343	U
RA	0	0	0.6008	0	0.6008	0	0	0.5997	0	0.5997	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6	0	0.6	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: 10027817.848248.

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	0.002275	0	0.002275	λ
D	0	0	0.6	0	0.6	0	0	0.6046	0	0.6046	D
N	0	0	0.001368	0	0.001368	0	0	0.001378	0	0.001378	N
U	0	0	0.001366	0	0.001366	0	0	0.001375	0	0.001375	U
RA	0	0	0.6008	0	0.6008	0	0	0.6054	0	0.6054	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6059	0	0.6059	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: 10027868.526669.

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	0.002312	0	0.002312	λ
D	0	0	0.6	0	0.6	0	0	0.5977	0	0.5977	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	0.001382	0	0.001382	U
RA	0	0	0.6008	0	0.6008	0	0	0.5985	0	0.5985	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6001	0	0.6001	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: 10027858.259445.

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	0.6019	0	0.6019	D
N	0	0	0.001368	0	0.001368	0	0	0.001371	0	0.001371	N
U	0	0	0.001366	0	0.001366	0	0	0.001367	0	0.001367	U
RA	0	0	0.6008	0	0.6008	0	0	0.6027	0	0.6027	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6033	0	0.6033	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: 10027629.7126.

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	0.5981	0	0.5981	D
N	0	0	0.001368	0	0.001368	0	0	0.001369	0	0.001369	N
U	0	0	0.001366	0	0.001366	0	0	0.001365	0	0.001365	U
RA	0	0	0.6008	0	0.6008	0	0	0.5989	0	0.5989	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5997	0	0.5997	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: 10027673.256282.

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	0.002246	0	0.002246	λ
D	0	0	0.6	0	0.6	0	0	0.5969	0	0.5969	D
N	0	0	0.001368	0	0.001368	0	0	0.001344	0	0.001344	N
U	0	0	0.001366	0	0.001366	0	0	0.001341	0	0.001341	U
RA	0	0	0.6008	0	0.6008	0	0	0.5977	0	0.5977	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5982	0	0.5982	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: 10027696.897699.

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	0.002313	0	0.002313	λ
D	0	0	0.6	0	0.6	0	0	0.5945	0	0.5945	D
N	0	0	0.001368	0	0.001368	0	0	0.001379	0	0.001379	N
U	0	0	0.001366	0	0.001366	0	0	0.001375	0	0.001375	U
RA	0	0	0.6008	0	0.6008	0	0	0.5953	0	0.5953	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5962	0	0.5962	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: 10027528.576145.

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	0.002254	0	0.002254	λ
D	0	0	0.6	0	0.6	0	0	0.6081	0	0.6081	D
N	0	0	0.001368	0	0.001368	0	0	0.001374	0	0.001374	N
U	0	0	0.001366	0	0.001366	0	0	0.00137	0	0.00137	U
RA	0	0	0.6008	0	0.6008	0	0	0.6089	0	0.6089	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6097	0	0.6097	RB

2.41 Lan IN 250

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027904.554978.

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	0.002268	0	0.002268	λ
D	0	0	0.01	0	0.01	0	0	0.00999	0	0.00999	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	0.00999	0	0.00999	RA
RB	0	0	0.01	0	0.01	0	0	0.00999	0	0.00999	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	0.084	0.0084	0	0	0.0924	0.08376	0.008375	0	0	0.09213	λ
D	0.02	0.02	0	0	0.04	0.01999	0.01996	0	0	0.03995	D
N	0.001683	0.000168	0	0	0.001851	0.001678	0.000167	0	0	0.001845	N
U	0.00168	0.000168	0	0	0.001848	0.001675	0.000167	0	0	0.001842	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.01999	0	0	0.04002	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.01999	0	0	0.04002	RB

2.43 Lan IN 251

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027905.434953.

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	0.002238	0	0.002238	λ
D	0	0	0.01	0	0.01	0	0	0.009955	0	0.009955	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	0.009955	0	0.009955	RA
RB	0	0	0.01	0	0.01	0	0	0.009955	0	0.009955	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	0.084	0.0084	0	0	0.0924	0.08403	0.008399	0	0	0.09243	λ
D	0.02	0.02	0	0	0.04	0.02003	0.01997	0	0	0.03999	D
N	0.001683	0.000168	0	0	0.001851	0.001686	0.000168	0	0	0.001854	N
U	0.00168	0.000168	0	0	0.001848	0.001683	0.000168	0	0	0.001851	U
RA	0.02004	0.02004	0	0	0.04007	0.02006	0.02	0	0	0.04006	RA
RB	0.02004	0.02004	0	0	0.04007	0.02006	0.02001	0	0	0.04007	RB

2.45 Lan IN 252

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027904.205445.

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	0.002281	0	0.002281	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

2.46 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	0.084	0.0084	0	0	0.0924	0.08395	0.008427	0	0	0.09238	λ
D	0.02	0.02	0	0	0.04	0.02	0.01992	0	0	0.03992	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000168	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.01996	0	0	0.04	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.01997	0	0	0.04001	RB

2.47 Lan IN 253

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027876.778896.

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	0.009931	0	0.009931	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	0.009931	0	0.009931	RA
RB	0	0	0.01	0	0.01	0	0	0.009932	0	0.009932	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	0.084	0.0084	0	0	0.0924	0.08386	0.008387	0	0	0.09225	λ
D	0.02	0.02	0	0	0.04	0.02001	0.02002	0	0	0.04003	D
N	0.001683	0.000168	0	0	0.001851	0.001681	0.000168	0	0	0.001849	N
U	0.00168	0.000168	0	0	0.001848	0.001678	0.000168	0	0	0.001846	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02006	0	0	0.04011	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.02006	0	0	0.04011	RB

2.49 Lan IN 254

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027907.756855.

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	0.002271	0	0.002271	λ
D	0	0	0.01	0	0.01	0	0	0.009988	0	0.009988	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	0.009988	0	0.009988	RA
RB	0	0	0.01	0	0.01	0	0	0.009988	0	0.009988	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	0.084	0.0084	0	0	0.0924	0.08392	0.008421	0	0	0.09234	λ
D	0.02	0.02	0	0	0.04	0.01998	0.01998	0	0	0.03996	D
N	0.001683	0.000168	0	0	0.001851	0.00168	0.000169	0	0	0.001849	N
U	0.00168	0.000168	0	0	0.001848	0.001677	0.000168	0	0	0.001845	U
RA	0.02004	0.02004	0	0	0.04007	0.02002	0.02002	0	0	0.04003	RA
RB	0.02004	0.02004	0	0	0.04007	0.02002	0.02002	0	0	0.04004	RB

2.51 Lan IN 255

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027901.984112.

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	0.002287	0	0.002287	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

2.52 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	0.084	0.0084	0	0	0.0924	0.08401	0.008373	0	0	0.09239	λ
D	0.02	0.02	0	0	0.04	0.02001	0.01994	0	0	0.03995	D
N	0.001683	0.000168	0	0	0.001851	0.001684	0.000167	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.001681	0.000167	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.01997	0	0	0.04002	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.01997	0	0	0.04002	RB

2.53 Lan IN 256

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027901.21561.

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	0.002275	0	0.002275	λ
D	0	0	0.01	0	0.01	0	0	0.009954	0	0.009954	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	0.009954	0	0.009954	RA
RB	0	0	0.01	0	0.01	0	0	0.009956	0	0.009956	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	0.084	0.0084	0	0	0.0924	0.08385	0.008403	0	0	0.09225	λ
D	0.02	0.02	0	0	0.04	0.01996	0.02002	0	0	0.03998	D
N	0.001683	0.000168	0	0	0.001851	0.001677	0.000168	0	0	0.001845	N
U	0.00168	0.000168	0	0	0.001848	0.001674	0.000168	0	0	0.001842	U
RA	0.02004	0.02004	0	0	0.04007	0.02	0.02005	0	0	0.04005	RA
RB	0.02004	0.02004	0	0	0.04007	0.02	0.02005	0	0	0.04005	RB

2.55 Lan IN 257

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027904.93399.

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	0.00226	0	0.00226	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	$2.2e-05$	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	0.009924	0	0.009924	RA
RB	0	0	0.01	0	0.01	0	0	0.009924	0	0.009924	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	0.084	0.0084	0	0	0.0924		0.08385	0.008425	0	0	0.09227
D	0.02	0.02	0	0	0.04		0.02002	0.02012	0	0	0.04014
N	0.001683	0.000168	0	0	0.001851		0.001682	0.00017	0	0	0.001852
U	0.00168	0.000168	0	0	0.001848		0.001679	0.000169	0	0	0.001848
RA	0.02004	0.02004	0	0	0.04007		0.02006	0.02015	0	0	0.04021
RB	0.02004	0.02004	0	0	0.04007		0.02006	0.02015	0	0	0.04021

2.57 Lan IN 258

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027895.871294.

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	0.002252	0	0.002252
D	0	0	0.01	0	0.01		0	0	0.01	0	0.01
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$
RA	0	0	0.01	0	0.01		0	0	0.01	0	0.01
RB	0	0	0.01	0	0.01		0	0	0.01	0	0.01

2.58 Lan OUT 258

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	0.084	0.0084	0	0	0.0924	0.08403	0.00844	0	0	0.09248	λ
D	0.02	0.02	0	0	0.04	0.01997	0.01993	0	0	0.0399	D
N	0.001683	0.000168	0	0	0.001851	0.001681	0.000169	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001678	0.000168	0	0	0.001846	U
RA	0.02004	0.02004	0	0	0.04007	0.02	0.01997	0	0	0.03997	RA
RB	0.02004	0.02004	0	0	0.04007	0.02	0.01997	0	0	0.03998	RB

2.59 Lan IN 259

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027893.831349.

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	0.002274	0	0.002274	λ
D	0	0	0.01	0	0.01	0	0	0.01008	0	0.01008	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	0.01008	0	0.01008	RA
RB	0	0	0.01	0	0.01	0	0	0.01008	0	0.01008	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	0.084	0.0084	0	0	0.0924	0.08408	0.00839	0	0	0.09247	λ
D	0.02	0.02	0	0	0.04	0.02001	0.01993	0	0	0.03993	D
N	0.001683	0.000168	0	0	0.001851	0.001685	0.000168	0	0	0.001853	N
U	0.00168	0.000168	0	0	0.001848	0.001682	0.000167	0	0	0.001849	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.01996	0	0	0.04001	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.01996	0	0	0.04001	RB

2.61 Lan IN 260

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027907.713797.

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	0.002267	0	0.002267	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	$2.3e-05$	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	0.01001	0	0.01001	RA
RB	0	0	0.01	0	0.01	0	0	0.01001	0	0.01001	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	0.084	0.0084	0	0	0.0924	0.08398	0.008417	0	0	0.0924	λ
D	0.02	0.02	0	0	0.04	0.01996	0.02005	0	0	0.04	D
N	0.001683	0.000168	0	0	0.001851	0.001679	0.000169	0	0	0.001848	N
U	0.00168	0.000168	0	0	0.001848	0.001676	0.000169	0	0	0.001845	U
RA	0.02004	0.02004	0	0	0.04007	0.01999	0.02008	0	0	0.04007	RA
RB	0.02004	0.02004	0	0	0.04007	0.01999	0.02008	0	0	0.04008	RB

2.63 Lan IN 261

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027898.931621.

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	0.002307	0	0.002307	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

2.64 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	0.084	0.0084	0	0	0.0924	0.0838	0.008424	0	0	0.09223	λ
D	0.02	0.02	0	0	0.04	0.01999	0.01997	0	0	0.03995	D
N	0.001683	0.000168	0	0	0.001851	0.001678	0.000168	0	0	0.001846	N
U	0.00168	0.000168	0	0	0.001848	0.001675	0.000168	0	0	0.001843	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02	0	0	0.04003	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02	0	0	0.04003	RB

2.65 Lan IN 262

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027895.151042.

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	0.002262	0	0.002262	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

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	0.084	0.0084	0	0	0.0924	0.08396	0.008385	0	0	0.09235	λ
D	0.02	0.02	0	0	0.04	0.02004	0.02005	0	0	0.04009	D
N	0.001683	0.000168	0	0	0.001851	0.001685	0.000169	0	0	0.001854	N
U	0.00168	0.000168	0	0	0.001848	0.001682	0.000168	0	0	0.00185	U
RA	0.02004	0.02004	0	0	0.04007	0.02007	0.02009	0	0	0.04016	RA
RB	0.02004	0.02004	0	0	0.04007	0.02007	0.0201	0	0	0.04017	RB

2.67 Lan IN 263

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027904.387575.

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	0.00226	0	0.00226	λ
D	0	0	0.01	0	0.01	0	0	0.009992	0	0.009992	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	0.009992	0	0.009992	RA
RB	0	0	0.01	0	0.01	0	0	0.009993	0	0.009993	RB

2.68 Lan OUT 263

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	0.084	0.0084	0	0	0.0924	0.08408	0.008386	0	0	0.09246	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02013	0	0	0.04012	D
N	0.001683	0.000168	0	0	0.001851	0.001684	0.000169	0	0	0.001853	N
U	0.00168	0.000168	0	0	0.001848	0.001681	0.000169	0	0	0.00185	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02017	0	0	0.04019	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02016	0	0	0.04019	RB

2.69 Lan IN 264

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027866.764046.

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	0.009936	0	0.009936	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	0.009936	0	0.009936	RA
RB	0	0	0.01	0	0.01	0	0	0.009936	0	0.009936	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	0.084	0.0084	0	0	0.0924	0.08401	0.008367	0	0	0.09237	λ
D	0.02	0.02	0	0	0.04	0.01999	0.0201	0	0	0.04009	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000168	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02002	0.02014	0	0	0.04016	RA
RB	0.02004	0.02004	0	0	0.04007	0.02002	0.02013	0	0	0.04015	RB

2.71 Lan IN 265

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027905.810281.

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	0.002274	0	0.002274	λ
D	0	0	0.01	0	0.01	0	0	0.009954	0	0.009954	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	0.009954	0	0.009954	RA
RB	0	0	0.01	0	0.01	0	0	0.009954	0	0.009954	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	0.084	0.0084	0	0	0.0924	0.08395	0.008355	0	0	0.0923	λ
D	0.02	0.02	0	0	0.04	0.02001	0.0199	0	0	0.03991	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000167	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000166	0	0	0.001846	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.01994	0	0	0.03999	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.01994	0	0	0.03999	RB

2.73 Lan IN 266

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027880.487656.

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	0.002292	0	0.002292	λ
D	0	0	0.01	0	0.01	0	0	0.009916	0	0.009916	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	0.009916	0	0.009916	RA
RB	0	0	0.01	0	0.01	0	0	0.009917	0	0.009917	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	0.084	0.0084	0	0	0.0924	0.08395	0.008414	0	0	0.09237	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02009	0	0	0.04008	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000169	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.001678	0.000169	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02012	0	0	0.04015	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02013	0	0	0.04016	RB

2.75 Lan IN 267

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027898.865801.

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	0.002258	0	0.002258	λ
D	0	0	0.01	0	0.01	0	0	0.009954	0	0.009954	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	0.009954	0	0.009954	RA
RB	0	0	0.01	0	0.01	0	0	0.009958	0	0.009958	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	0.084	0.0084	0	0	0.0924	0.08412	0.008415	0	0	0.09254	λ
D	0.02	0.02	0	0	0.04	0.01997	0.01994	0	0	0.03991	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000168	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02	0.01998	0	0	0.03998	RA
RB	0.02004	0.02004	0	0	0.04007	0.02	0.01998	0	0	0.03998	RB

2.77 Lan IN 268

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027907.023347.

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	0.009972	0	0.009972	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	0.009972	0	0.009972	RA
RB	0	0	0.01	0	0.01	0	0	0.009972	0	0.009972	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	0.084	0.0084	0	0	0.0924	0.08405	0.008381	0	0	0.09243	λ
D	0.02	0.02	0	0	0.04	0.02002	0.01996	0	0	0.03998	D
N	0.001683	0.000168	0	0	0.001851	0.001685	0.000168	0	0	0.001853	N
U	0.00168	0.000168	0	0	0.001848	0.001682	0.000167	0	0	0.001849	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02	0	0	0.04005	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.01999	0	0	0.04004	RB

2.79 Lan IN 269

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027898.147988.

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	0.002278	0	0.002278	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

2.80 Lan OUT 269

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	0.084	0.0084	0	0	0.0924	0.08393	0.008409	0	0	0.09234	λ
D	0.02	0.02	0	0	0.04	0.02001	0.02004	0	0	0.04006	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000169	0	0	0.001852	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000169	0	0	0.001849	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02008	0	0	0.04013	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.02007	0	0	0.04012	RB

2.81 Lan IN 270

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027901.428257.

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	0.002263	0	0.002263	λ
D	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	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	0.01003	0	0.01003	RA
RB	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	RB

2.82 Lan OUT 270

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	0.084	0.0084	0	0	0.0924	0.08393	0.00844	0	0	0.09237	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02	0	0	0.03999	D
N	0.001683	0.000168	0	0	0.001851	0.001681	0.000169	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001678	0.000169	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02004	0	0	0.04007	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02004	0	0	0.04007	RB

2.83 Lan IN 271

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027907.51892.

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	0.002289	0	0.002289	λ
D	0	0	0.01	0	0.01	0	0	0.009963	0	0.009963	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	0.009963	0	0.009963	RA
RB	0	0	0.01	0	0.01	0	0	0.009963	0	0.009963	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	0.084	0.0084	0	0	0.0924	0.08394	0.008358	0	0	0.09229	λ
D	0.02	0.02	0	0	0.04	0.01997	0.01988	0	0	0.03986	D
N	0.001683	0.000168	0	0	0.001851	0.001679	0.000166	0	0	0.001845	N
U	0.00168	0.000168	0	0	0.001848	0.001676	0.000166	0	0	0.001842	U
RA	0.02004	0.02004	0	0	0.04007	0.02001	0.01992	0	0	0.03993	RA
RB	0.02004	0.02004	0	0	0.04007	0.02001	0.01992	0	0	0.03993	RB

2.85 Lan IN 272

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027904.310026.

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	0.002243	0	0.002243	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

2.86 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	0.084	0.0084	0	0	0.0924	0.08393	0.008373	0	0	0.0923	λ
D	0.02	0.02	0	0	0.04	0.01997	0.01988	0	0	0.03985	D
N	0.001683	0.000168	0	0	0.001851	0.001679	0.000167	0	0	0.001846	N
U	0.00168	0.000168	0	0	0.001848	0.001676	0.000166	0	0	0.001842	U
RA	0.02004	0.02004	0	0	0.04007	0.02001	0.01992	0	0	0.03992	RA
RB	0.02004	0.02004	0	0	0.04007	0.02001	0.01991	0	0	0.03992	RB

2.87 Lan IN 273

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027875.911618.

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	0.002275	0	0.002275	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

2.88 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	0.084	0.0084	0	0	0.0924	0.08402	0.008365	0	0	0.09239	λ
D	0.02	0.02	0	0	0.04	0.02001	0.02	0	0	0.04001	D
N	0.001683	0.000168	0	0	0.001851	0.001685	0.000168	0	0	0.001853	N
U	0.00168	0.000168	0	0	0.001848	0.001682	0.000167	0	0	0.001849	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02003	0	0	0.04008	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.02003	0	0	0.04008	RB

2.89 Lan IN 274

This element **didn't** reach stability in the simulation!
This element finished the simulation at simulation time: 10027882.142259.

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	0.002312	0	0.002312	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

2.90 Lan OUT 274

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	0.084	0.0084	0	0	0.0924	0.08391	0.008427	0	0	0.09234	λ
D	0.02	0.02	0	0	0.04	0.02001	0.02003	0	0	0.04004	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000169	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000169	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02007	0	0	0.04011	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.02007	0	0	0.04011	RB

2.91 Lan IN 275

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027885.107401.

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	0.002272	0	0.002272	λ
D	0	0	0.01	0	0.01	0	0	0.009961	0	0.009961	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	0.009961	0	0.009961	RA
RB	0	0	0.01	0	0.01	0	0	0.009961	0	0.009961	RB

2.92 Lan OUT 275

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	0.084	0.0084	0	0	0.0924	0.08395	0.008436	0	0	0.09239	λ
D	0.02	0.02	0	0	0.04	0.02	0.02	0	0	0.04	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000169	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000169	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.02004	0	0	0.04007	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.02004	0	0	0.04007	RB

2.93 Lan IN 276

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027881.907685.

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	0.01009	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

2.94 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	0.084	0.0084	0	0	0.0924	0.08395	0.008406	0	0	0.09236	λ
D	0.02	0.02	0	0	0.04	0.02003	0.02011	0	0	0.04014	D
N	0.001683	0.000168	0	0	0.001851	0.001685	0.000169	0	0	0.001854	N
U	0.00168	0.000168	0	0	0.001848	0.001682	0.000169	0	0	0.001851	U
RA	0.02004	0.02004	0	0	0.04007	0.02007	0.02015	0	0	0.04022	RA
RB	0.02004	0.02004	0	0	0.04007	0.02007	0.02014	0	0	0.04021	RB

2.95 Lan IN 277

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027882.791529.

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	0.002246	0	0.002246	λ
D	0	0	0.01	0	0.01	0	0	0.00991	0	0.00991	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	0.00991	0	0.00991	RA
RB	0	0	0.01	0	0.01	0	0	0.00991	0	0.00991	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	0.084	0.0084	0	0	0.0924	0.08375	0.008407	0	0	0.09216	λ
D	0.02	0.02	0	0	0.04	0.02002	0.01997	0	0	0.03999	D
N	0.001683	0.000168	0	0	0.001851	0.00168	0.000168	0	0	0.001848	N
U	0.00168	0.000168	0	0	0.001848	0.001677	0.000168	0	0	0.001845	U
RA	0.02004	0.02004	0	0	0.04007	0.02006	0.02001	0	0	0.04007	RA
RB	0.02004	0.02004	0	0	0.04007	0.02006	0.02	0	0	0.04006	RB

2.97 Lan IN 278

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027885.055488.

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	0.002313		0	0.002313	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	0.01003		0	0.01003	RA
RB	0	0	0.01		0	0.01	0	0	0.01003		0	0.01003	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	0.084	0.0084	0	0	0.0924	0.08403	0.008403	0	0	0.09243	λ
D	0.02	0.02	0	0	0.04	0.02	0.02002	0	0	0.04002	D
N	0.001683	0.000168	0	0	0.001851	0.001684	0.000169	0	0	0.001853	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000168	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02006	0	0	0.04009	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02006	0	0	0.04009	RB

2.99 Lan IN 279

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 10027909.0.

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	0.002253		0	0.002253	λ
D	0	0	0.01		0	0.01	0	0	0.009991		0	0.009991	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	0.009991		0	0.009991	RA
RB	0	0	0.01		0	0.01	0	0	0.009991		0	0.009991	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	0.084	0.0084	0	0	0.0924	0.08403	0.008339	0	0	0.09237	λ
D	0.02	0.02	0	0	0.04	0.02003	0.02001	0	0	0.04004	D
N	0.001683	0.000168	0	0	0.001851	0.001686	0.000167	0	0	0.001853	N
U	0.00168	0.000168	0	0	0.001848	0.001683	0.000167	0	0	0.00185	U
RA	0.02004	0.02004	0	0	0.04007	0.02006	0.02005	0	0	0.04011	RA
RB	0.02004	0.02004	0	0	0.04007	0.02006	0.02005	0	0	0.04011	RB