

Results

Silvio Dei Giudici, Marco Morella, Mattia Nicolella

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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: 3441.300 seconds seconds.

Memory usage: 25.39 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: 100097008.250391.

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	0.504	0.2041	0	0.01764	0.7257	λ
D	0.033	0.165	0	0.066	0.264	0.033	0.165	0	0.06598	0.264	D
N	0.01753	0.03551	0	0.001227	0.05427	0.02075	0.03471	0	0.001263	0.05673	N
U	0.01663	0.03368	0	0.001164	0.05148	0.01663	0.03367	0	0.001164	0.05146	U
RA	0.03479	0.174	0	0.06958	0.2783	0.03487	0.1743	0	0.06972	0.2789	RA
RB	0.03952	0.1715	0	0.07252	0.2836	0.04117	0.1701	0	0.07161	0.2829	RB

2.2 Central storage of Node 0

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	0.1008	0.1837	0	0.01903	0.3035	0.1008	0.1837	0	0.01903	0.3035	λ
D	0.4	0.73	0	0.23	1.36	0.3999	0.73	0	0.2302	1.36	D
N	0.0491	0.1633	0	0.005329	0.2177	0.05587	0.155	0	0.006718	0.2176	N
U	0.04032	0.1341	0	0.004376	0.1788	0.04031	0.1341	0	0.004381	0.1788	U
RA	0.4871	0.8889	0	0.2801	1.656	0.4869	0.8889	0	0.2803	1.656	RA
RB	0.5401	0.8701	0	0.3701	1.78	0.5543	0.8442	0	0.353	1.751	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: 100097008.279429.

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	0.168	0.01511	0.001366	0.000841	0.1853	λ	
D	0.33	3.135	0.165	0.66	4.29	0.3301	3.133	0.1656	0.6622	4.291	D	
N	0.06185	0.05288	0.00025	0.000618	0.1156	0.07252	0.04972	0.000519	0.000621	0.1234	N	
U	0.05544	0.0474	0.000225	0.000554	0.1036	0.05545	0.04734	0.000226	0.000557	0.1036	U	
RA	0.3681	3.497	0.1841	0.7363	4.786	0.3708	3.52	0.1861	0.7438	4.82	RA	
RB	0.5166	3.322	0.3516	0.8466	5.037	0.4316	3.291	0.3803	0.7385	4.841	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: 100097008.868796.

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	0.0302	0.002724	0.001677	0.3706	λ
D	0.33	3.135	0.165	0.66	4.29	0.3299	3.136	0.1652	0.6592	4.29	D
N	0.1399	0.1196	0.000566	0.001399	0.2614	0.189	0.1074	0.001685	0.001453	0.2995	N
U	0.1109	0.0948	0.000449	0.001109	0.2072	0.1108	0.09472	0.00045	0.001106	0.2071	U
RA	0.4163	3.955	0.2081	0.8325	5.411	0.4287	4.075	0.2147	0.8566	5.575	RA
RB	0.7521	3.557	0.5871	1.082	5.978	0.5624	3.555	0.6186	0.8662	5.603	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: 100097008.730395.

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	0.672	0.0605	0.005448	0.003361	0.7413	λ
D	0.33	3.135	0.165	0.66	4.29	0.33	3.134	0.1651	0.6607	4.29	D
N	0.3787	0.3238	0.001534	0.003787	0.7079	0.6501	0.2659	0.006756	0.004255	0.927	N
U	0.2218	0.1896	0.000898	0.002218	0.4145	0.2218	0.1896	0.0009	0.002221	0.4145	U
RA	0.5636	5.354	0.2818	1.127	7.327	0.636	6.039	0.3182	1.273	8.267	RA
RB	1.473	4.278	1.308	1.803	8.862	0.9673	4.396	1.24	1.266	7.87	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: 100097008.611033.

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	1.344	0.121	0.01088	0.006719	1.483	λ
D	0.33	3.135	0.165	0.66	4.29	0.33	3.134	0.1649	0.6597	4.289	D
N	2.593	2.217	0.0105	0.02593	4.847	6.488	1.447	0.05983	0.03399	8.029	N
U	0.4435	0.3792	0.001796	0.004435	0.829	0.4435	0.3791	0.001795	0.004432	0.8289	U
RA	1.929	18.33	0.9647	3.859	25.08	2.979	28.3	1.489	5.956	38.72	RA
RB	8.155	10.96	7.99	8.485	35.59	4.827	11.96	5.497	5.059	27.35	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: 100097008.973878.

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	0.42	0.008395	0.001437	0	0.4298	λ
D	1.65	15.48	0.815	0	17.95	1.65	15.47	0.8135	0	17.94	D
N	3.943	0.7401	0.006661	0	4.69	6.549	0.3824	0.02506	0	6.956	N
U	0.693	0.1301	0.001171	0	0.8242	0.6932	0.1299	0.001169	0	0.8243	U
RA	9.388	88.11	4.637	0	102.1	13.13	123.1	6.472	0	142.7	RA
RB	19.62	33.46	18.79	0	71.86	15.59	45.55	17.43	0	78.57	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: 100097008.268796.

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

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	0.008389	0.001435	0	0.4298	λ
D	1.65	15.48	0.815	0	17.95	1.65	15.49	0.8142	0	17.95	D
N	3.943	0.7401	0.006661	0	4.69	6.536	0.3815	0.02316	0	6.94	N
U	0.693	0.1301	0.001171	0	0.8242	0.6929	0.13	0.001168	0	0.824	U
RA	9.388	88.11	4.637	0	102.1	13.1	123	6.465	0	142.6	RA
RB	19.62	33.46	18.79	0	71.86	15.56	45.47	16.14	0	77.17	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: 100097008.813629.

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		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	0.008402	0.001436	0	0.4299	λ
D	1.65	15.48	0.815	0	17.95	1.65	15.49	0.8147	0	17.95	D
N	3.943	0.7401	0.006661	0	4.69	6.551	0.3827	0.02234	0	6.956	N
U	0.693	0.1301	0.001171	0	0.8242	0.693	0.1301	0.001169	0	0.8243	U
RA	9.388	88.11	4.637	0	102.1	13.13	123.2	6.481	0	142.8	RA
RB	19.62	33.46	18.79	0	71.86	15.6	45.55	15.56	0	76.71	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: 100097006.429481.

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	0.42	0.0084	0.001438	0	0.4298	λ
D	1.65	15.49	0.815	0	17.95	1.65	15.49	0.8141	0	17.95	D
N	3.943	0.7401	0.006661	0	4.69	6.509	0.3791	0.0217	0	6.91	N
U	0.693	0.1301	0.001171	0	0.8242	0.693	0.1301	0.00117	0	0.8243	U
RA	9.388	88.11	4.637	0	102.1	13.05	122.5	6.44	0	142	RA
RB	19.62	33.46	18.79	0	71.86	15.5	45.14	15.1	0	75.73	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: 100096975.811255.

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	0.598	0	0.598	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	0.001365	0	0.001365	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	0.5988	0	0.5988	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: 100096673.671833.

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	0.6008	0	0.6008	D
N	0	0	0.001368	0	0.001368	0	0	0.001368	0	0.001368	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	0.6016	0	0.6016	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6018	0	0.6018	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: 100096972.732035.

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	0.002266	0	0.002266	λ
D	0	0	0.6	0	0.6	0	0	0.5994	0	0.5994	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	0.001358	0	0.001358	U
RA	0	0	0.6008	0	0.6008	0	0	0.6002	0	0.6002	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6003	0	0.6003	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: 100096911.653815.

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	0.5988	0	0.5988	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	0.00136	0	0.00136	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	0.5998	0	0.5998	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: 100096807.855424.

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	0.002282	0	0.002282	λ
D	0	0	0.6	0	0.6	0	0	0.5992	0	0.5992	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	0.001368	0	0.001368	U
RA	0	0	0.6008	0	0.6008	0	0	0.6	0	0.6	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6	0	0.6	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: 100097007.883279.

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	0.6007	0	0.6007	D
N	0	0	0.001368	0	0.001368	0	0	0.001368	0	0.001368	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	0.6015	0	0.6015	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6017	0	0.6017	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: 100096869.93099.

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	0.6014	0	0.6014	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	0.001377	0	0.001377	U
RA	0	0	0.6008	0	0.6008	0	0	0.6022	0	0.6022	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6023	0	0.6023	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: 100096784.607813.

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	0.6007	0	0.6007	D
N	0	0	0.001368	0	0.001368	0	0	0.001364	0	0.001364	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	0.6015	0	0.6015	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6015	0	0.6015	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: 100097009.0.

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	0.5992	0	0.5992	D
N	0	0	0.001368	0	0.001368	0	0	0.001364	0	0.001364	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	0.6	0	0.6	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6002	0	0.6002	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: 100096222.215615.

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	0.6007	0	0.6007	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	0.001365	0	0.001365	U
RA	0	0	0.6008	0	0.6008	0	0	0.6015	0	0.6015	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6016	0	0.6016	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: 100096690.351617.

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	0.002277	0	0.002277	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	0.001359	0	0.001359	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	0.5981	0	0.5981	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: 100096993.36504.

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	0.5994	0	0.5994	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	0.001367	0	0.001367	U
RA	0	0	0.6008	0	0.6008	0	0	0.6002	0	0.6002	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6004	0	0.6004	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: 100096650.118307.

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	0.6013	0	0.6013	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	0.001372	0	0.001372	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	0.6023	0	0.6023	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: 100096991.994906.

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	0.002269	0	0.002269	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	0.001364	0	0.001364	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	0.6013	0	0.6013	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6014	0	0.6014	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: 100096936.445037.

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	0.6002	0	0.6002	D
N	0	0	0.001368	0	0.001368	0	0	0.001372	0	0.001372	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	0.601	0	0.601	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6012	0	0.6012	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: 100096950.660809.

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	0.5993	0	0.5993	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	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.6001	0	0.6001	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6001	0	0.6001	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: 100096684.511393.

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	0.6013	0	0.6013	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	0.001367	0	0.001367	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	0.6022	0	0.6022	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: 100096876.181833.

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	0.002279	0	0.002279	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	0.001373	0	0.001373	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	0.6023	0	0.6023	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6024	0	0.6024	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: 100096810.121378.

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	0.002276	0	0.002276	λ
D	0	0	0.6	0	0.6	0	0	0.6007	0	0.6007	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	0.001367	0	0.001367	U
RA	0	0	0.6008	0	0.6008	0	0	0.6015	0	0.6015	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6017	0	0.6017	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: 100097001.071504.

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	0.5996	0	0.5996	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	0.6004	0	0.6004	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: 100096524.199461.

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	0.002277	0	0.002277	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	0.001369	0	0.001369	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	0.6012	0	0.6012	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6012	0	0.6012	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: 100096446.620424.

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	0.5982	0	0.5982	D
N	0	0	0.001368	0	0.001368	0	0	0.001363	0	0.001363	N
U	0	0	0.001366	0	0.001366	0	0	0.001361	0	0.001361	U
RA	0	0	0.6008	0	0.6008	0	0	0.599	0	0.599	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5993	0	0.5993	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: 100096839.671594.

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	0.6008	0	0.6008	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	0.001367	0	0.001367	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	0.6018	0	0.6018	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: 100096577.14724.

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	0.002285	0	0.002285	λ
D	0	0	0.6	0	0.6	0	0	0.5998	0	0.5998	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	0.001371	0	0.001371	U
RA	0	0	0.6008	0	0.6008	0	0	0.6006	0	0.6006	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6008	0	0.6008	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: 100096944.710376.

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	0.5985	0	0.5985	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	0.001365	0	0.001365	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	0.5995	0	0.5995	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: 100096999.024098.

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	0.5997	0	0.5997	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	0.6005	0	0.6005	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6007	0	0.6007	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: 100096835.145364.

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	0.5992	0	0.5992	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	0.001371	0	0.001371	U
RA	0	0	0.6008	0	0.6008	0	0	0.6	0	0.6	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6003	0	0.6003	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: 100096924.579799.

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	0.002279	0	0.002279	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	0.001367	0	0.001367	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	0.5998	0	0.5998	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5999	0	0.5999	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: 100096953.38272.

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	0.002279	0	0.002279	λ
D	0	0	0.6	0	0.6	0	0	0.5991	0	0.5991	D
N	0	0	0.001368	0	0.001368	0	0	0.001368	0	0.001368	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	0.5999	0	0.5999	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6001	0	0.6001	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: 100096653.039204.

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	0.002269	0	0.002269	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	0.001366	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	0.602	0	0.602	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6021	0	0.6021	RB

2.41 Lan IN 250

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

This element finished the simulation at simulation time: 100097008.973878.

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	0.002283	0	0.002283	λ
D	0	0	0.01	0	0.01	0	0	0.009984	0	0.009984	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	0.009984	0	0.009984	RA
RB	0	0	0.01	0	0.01	0	0	0.009984	0	0.009984	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	0.4201	0.008399	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.02002	0	0	0.04002	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.00017	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04036	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02019	0	0	0.04036	RB

2.43 Lan IN 251

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

This element finished the simulation at simulation time: 100097005.767863.

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	0.01001	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

2.44 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	0.008391	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02002	0	0	0.04002	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.000169	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	0.02017	0.0202	0	0	0.04036	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02019	0	0	0.04036	RB

2.45 Lan IN 252

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

This element finished the simulation at simulation time: 100097008.103615.

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	0.002266	0	0.002266	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	

2.46 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	0.42	0.008376	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03999	D
N	0.008473	0.000169	0	0	0.008642	0.008471	0.000169	0	0	0.00864	N
U	0.0084	0.000168	0	0	0.008568	0.008398	0.000167	0	0	0.008565	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02017	0	0	0.04034	RB

2.47 Lan IN 253

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

This element finished the simulation at simulation time: 100097004.787969.

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	0.009994	0	0.009994	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	0.009994	0	0.009994	RA
RB		0	0	0.01	0	0.01			0	0	0.009995	0	0.009995	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	0.4199	0.008394	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.02	0.02004	0	0	0.04004	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.00017	0	0	0.00864	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	0.02017	0.02021	0	0	0.04038	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02021	0	0	0.04039	RB

2.49 Lan IN 254

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

This element finished the simulation at simulation time: 100097004.009328.

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	0.01	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	0.01001	0	0.01001	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	0.4201	0.008388	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03999	D
N	0.008473	0.000169	0	0	0.008642	0.008476	0.000169	0	0	0.008645	N
U	0.0084	0.000168	0	0	0.008568	0.008403	0.000168	0	0	0.008571	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02017	0	0	0.04034	RB

2.51 Lan IN 255

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

This element finished the simulation at simulation time: 100097008.795246.

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	0.00999	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	0.009991	0	0.009991	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	0.008401	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03999	D
N	0.008473	0.000169	0	0	0.008642	0.008473	0.000169	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04034	RB

2.53 Lan IN 256

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

This element finished the simulation at simulation time: 100097003.969529.

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	0.009974	0	0.009974	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	0.009974	0	0.009974	RA	
RB	0	0	0.01	0	0.01	0	0	0.009975	0	0.009975	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	0.42	0.008416	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02002	0	0	0.04002	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.00017	0	0	0.00864	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	0.0202	0	0	0.04036	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04037	RB

2.55 Lan IN 257

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

This element finished the simulation at simulation time: 100097007.38918.

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	0.009991	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	0.009992	0	0.009992	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	0.42	0.008392	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.01999	0.01995	0	0	0.03995	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.000169	0	0	0.008639	N
U	0.0084	0.000168	0	0	0.008568	0.008397	0.000167	0	0	0.008564	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.04029	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.0403	RB

2.57 Lan IN 258

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

This element finished the simulation at simulation time: 100097006.038998.

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	0.01002	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

2.58 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	0.42	0.0084	0	0	0.4284	0.42	0.008401	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.000169	0	0	0.008639	N
U	0.0084	0.000168	0	0	0.008568	0.008398	0.000168	0	0	0.008566	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02017	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RB

2.59 Lan IN 259

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

This element finished the simulation at simulation time: 100097008.342697.

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	0.009984	0	0.009984	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	0.009984	0	0.009984	RA
RB	0	0	0.01	0	0.01	0	0	0.009985	0	0.009985	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	0.42	0.0084	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03998	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.000169	0	0	0.008641	N
U	0.0084	0.000168	0	0	0.008568	0.008399	0.000168	0	0	0.008567	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RB

2.61 Lan IN 260

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

This element finished the simulation at simulation time: 100097008.944252.

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	0.002276	0	0.002276	λ
D	0	0	0.01	0	0.01	0	0	0.009971	0	0.009971	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	0.009971	0	0.009971	RA
RB	0	0	0.01	0	0.01	0	0	0.009971	0	0.009971	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	0.008409	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.02	0	0	0.04001	D
N	0.008473	0.000169	0	0	0.008642	0.008475	0.00017	0	0	0.008645	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	0.02018	0.02018	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02018	0	0	0.04035	RB

2.63 Lan IN 261

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

This element finished the simulation at simulation time: 100097006.531399.

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	0.00228	0	0.00228	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	0.009992	0	0.009992	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	0.42	0.008397	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03999	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.000169	0	0	0.008641	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RB

2.65 Lan IN 262

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

This element finished the simulation at simulation time: 100097008.796214.

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	0.009981	0	0.009981	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	0.009981	0	0.009981	RA
RB	0	0	0.01	0	0.01	0	0	0.009981	0	0.009981	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	0.42	0.0084	0	0	0.4284	0.4201	0.008395	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.02004	0	0	0.04003	D
N	0.008473	0.000169	0	0	0.008642	0.008474	0.00017	0	0	0.008644	N
U	0.0084	0.000168	0	0	0.008568	0.008401	0.000168	0	0	0.008569	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02021	0	0	0.04038	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02021	0	0	0.04038	RB

2.67 Lan IN 263

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

This element finished the simulation at simulation time: 100096997.717692.

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	0.002269	0	0.002269	λ
D	0	0	0.01	0	0.01	0	0	0.009995	0	0.009995	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	0.009995	0	0.009995	RA
RB	0	0	0.01	0	0.01	0	0	0.009996	0	0.009996	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	0.42	0.0084	0	0	0.4284	0.4201	0.008406	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.02002	0	0	0.04002	D
N	0.008473	0.000169	0	0	0.008642	0.008474	0.00017	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	0.02017	0.02019	0	0	0.04037	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02019	0	0	0.04036	RB

2.69 Lan IN 264

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

This element finished the simulation at simulation time: 100097004.360728.

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	0.002283	0	0.002283	λ	
D	0	0	0.01	0	0.01	0	0	0.009978	0	0.009978	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	0.009978	0	0.009978	RA	
RB	0	0	0.01	0	0.01	0	0	0.009978	0	0.009978	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	0.42	0.008396	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02001	0	0	0.04001	D
N	0.008473	0.000169	0	0	0.008642	0.008473	0.000169	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RB

2.71 Lan IN 265

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

This element finished the simulation at simulation time: 100097007.898633.

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	0.009998	0	0.009998	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	0.009998	0	0.009998	RA
RB	0	0	0.01	0	0.01	0	0	0.009999	0	0.009999	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	0.4201	0.008392	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.01998	0	0	0.03998	D
N	0.008473	0.000169	0	0	0.008642	0.008474	0.000169	0	0	0.008643	N
U	0.0084	0.000168	0	0	0.008568	0.008401	0.000168	0	0	0.008569	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RB

2.73 Lan IN 266

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

This element finished the simulation at simulation time: 100097007.357625.

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	0.009989	0	0.009989	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	0.009989	0	0.009989	RA
RB	0	0	0.01	0	0.01	0	0	0.00999	0	0.00999	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	0.42	0.008405	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.00017	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.008399	0.000168	0	0	0.008567	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02017	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02017	0	0	0.04034	RB

2.75 Lan IN 267

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

This element finished the simulation at simulation time: 100097007.871371.

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	0.009992	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	0.009992	0	0.009992	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	0.4201	0.008404	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.01996	0	0	0.03996	D
N	0.008473	0.000169	0	0	0.008642	0.008474	0.000169	0	0	0.008643	N
U	0.0084	0.000168	0	0	0.008568	0.008401	0.000168	0	0	0.008569	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02014	0	0	0.04031	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02014	0	0	0.04031	RB

2.77 Lan IN 268

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

This element finished the simulation at simulation time: 100097004.698852.

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	0.002276	0	0.002276	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

2.78 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	0.42	0.008396	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02003	0	0	0.04003	D
N	0.008473	0.000169	0	0	0.008642	0.008474	0.00017	0	0	0.008644	N
U	0.0084	0.000168	0	0	0.008568	0.008401	0.000168	0	0	0.008569	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.0202	0	0	0.04038	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04037	RB

2.79 Lan IN 269

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

This element finished the simulation at simulation time: 100097005.918879.

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	0.01001	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

2.80 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	0.42	0.0084	0	0	0.4284	0.42	0.008407	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008473	0.00017	0	0	0.008643	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RB

2.81 Lan IN 270

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

This element finished the simulation at simulation time: 100097005.214339.

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	0.002277	0	0.002277	λ
D	0	0	0.01	0	0.01	0	0	0.009995	0	0.009995	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	0.009995	0	0.009995	RA
RB	0	0	0.01	0	0.01	0	0	0.009995	0	0.009995	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	0.42	0.0084	0	0	0.4284	0.42	0.008395	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02001	0.02003	0	0	0.04004	D
N	0.008473	0.000169	0	0	0.008642	0.008476	0.00017	0	0	0.008646	N
U	0.0084	0.000168	0	0	0.008568	0.008404	0.000168	0	0	0.008572	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.0202	0	0	0.04038	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.0202	0	0	0.04038	RB

2.83 Lan IN 271

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

This element finished the simulation at simulation time: 100097005.123131.

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	0.01002	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

2.84 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	0.4201	0.008401	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.02001	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.00017	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02019	0	0	0.04036	RB

2.85 Lan IN 272

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

This element finished the simulation at simulation time: 100097008.570288.

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	0.009997	0	0.009997	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	0.009997	0	0.009997	RA	
RB	0	0	0.01	0	0.01	0	0	0.009998	0	0.009998	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	0.42	0.008386	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.02	0.01996	0	0	0.03995	D
N	0.008473	0.000169	0	0	0.008642	0.008471	0.000169	0	0	0.00864	N
U	0.0084	0.000168	0	0	0.008568	0.008398	0.000167	0	0	0.008565	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.0403	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.0403	RB

2.87 Lan IN 273

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

This element finished the simulation at simulation time: 100097006.720636.

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	0.002286	0	0.002286	λ
D	0	0	0.01	0	0.01	0	0	0.01005	0	0.01005	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	0.01005	0	0.01005	RA
RB	0	0	0.01	0	0.01	0	0	0.01005	0	0.01005	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	0.42	0.008383	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008471	0.000169	0	0	0.00864	N
U	0.0084	0.000168	0	0	0.008568	0.008398	0.000168	0	0	0.008566	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RB

2.89 Lan IN 274

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

This element finished the simulation at simulation time: 100097008.380006.

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	0.00228	0	0.00228	λ
D	0	0	0.01	0	0.01	0	0	0.00998	0	0.00998	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	0.00998	0	0.00998	RA
RB	0	0	0.01	0	0.01	0	0	0.009981	0	0.009981	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	0.42	0.0084	0	0	0.4284	0.4199	0.008418	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008473	0.00017	0	0	0.008643	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.02017	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02017	0	0	0.04034	RB

2.91 Lan IN 275

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

This element finished the simulation at simulation time: 100096999.026284.

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	0.009994	0	0.009994	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	0.009994	0	0.009994	RA	
RB	0	0	0.01	0	0.01	0	0	0.009995	0	0.009995	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	0.42	0.0084	0	0	0.4284	0.42	0.008391	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03999	D
N	0.008473	0.000169	0	0	0.008642	0.008471	0.000169	0	0	0.00864	N
U	0.0084	0.000168	0	0	0.008568	0.008399	0.000168	0	0	0.008567	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RB

2.93 Lan IN 276

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

This element finished the simulation at simulation time: 100097008.983077.

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	0.009988	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	0.009989	0	0.009989	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	0.42	0.008419	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.01998	0	0	0.03997	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.00017	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.008399	0.000168	0	0	0.008567	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04032	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04032	RB

2.95 Lan IN 277

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

This element finished the simulation at simulation time: 100097005.538533.

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	0.002279	0	0.002279	λ
D		0	0	0.01	0	0.01			0	0	0.009983	0	0.009983	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	0.009983	0	0.009983	RA
RB		0	0	0.01	0	0.01			0	0	0.009984	0	0.009984	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	0.42	0.008399	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02002	0	0	0.04002	D
N	0.008473	0.000169	0	0	0.008642	0.008471	0.00017	0	0	0.008641	N
U	0.0084	0.000168	0	0	0.008568	0.008398	0.000168	0	0	0.008566	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	0.02019	0	0	0.04036	RB

2.97 Lan IN 278

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

This element finished the simulation at simulation time: 100097008.614067.

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	0.002279	0	0.002279	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

2.98 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	0.42	0.008415	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02002	0	0	0.04002	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.00017	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	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	0.02019	0	0	0.04036	RB

2.99 Lan IN 279

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

This element finished the simulation at simulation time: 100097008.773038.

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	0.002269	0	0.002269	λ
D	0	0	0.01	0	0.01	0	0	0.00997	0	0.00997	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	0.00997	0	0.00997	RA
RB	0	0	0.01	0	0.01	0	0	0.00997	0	0.00997	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	0.42	0.008392	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02003	0	0	0.04002	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.000169	0	0	0.008641	N
U	0.0084	0.000168	0	0	0.008568	0.008399	0.000168	0	0	0.008567	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04037	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02019	0	0	0.04036	RB