

./main.out			
1.00000000	0.00000000	0.00000000	0.00000000
0.00000000	0.00000000		
0.00000000	1.00000000	0.00000000	0.00000000
0.00000000	0.00000000		
0.00000000	0.00000000	1.00000000	0.00000000
0.00000000	0.00000000		
0.00000000	0.00000000	0.00000000	1.00000000
0.00000000	0.00000000		
0.00000000	0.00000000	0.00000000	0.00000000
1.00000000	0.00000000		
0.00000000	0.00000000	0.00000000	0.00000000
0.00000000	1.00000000		

1	12.00000000
2	0.629043818
3	1.11001329E-02
4	7.47383666E-08
5	1.06639396E-27
6	0.00000000
7	0.00000000
8	0.00000000
9	0.00000000
10	0.00000000

A			
0.00000000	1.00000000	0.00000000	0.00000000
0.00000000	1.00000000		
1.00000000	0.00000000	1.00000000	0.00000000
0.00000000	0.00000000		
0.00000000	1.00000000	0.00000000	1.00000000
0.00000000	0.00000000		
0.00000000	0.00000000	1.00000000	0.00000000
1.00000000	0.00000000		
0.00000000	0.00000000	0.00000000	1.00000000
0.00000000	1.00000000		
1.00000000	0.00000000	0.00000000	0.00000000
1.00000000	0.00000000		

NA			
-2.00000024	0.00000000	0.00000000	0.00000000
0.00000000	0.00000000		
0.00000000	2.00000024	0.00000000	0.00000000
0.00000000	0.00000000		
0.00000000	0.00000000	1.00000012	0.00000000
0.00000000	0.00000000		
0.00000000	0.00000000	0.00000000	-1.00000012
0.00000000	0.00000000		
0.00000000	0.00000000	0.00000000	0.00000000
1.00000036	0.00000000		
0.00000000	0.00000000	0.00000000	0.00000000
0.00000000	1.00000036		

NX			
0.408248395	0.408248276	-0.539947212	0.512087345
0.266645938	0.204426900		
-0.408248246	0.408248276	-0.447012514	-0.486965835
0.310157597	-0.365394622		
0.408248365	0.408248305	9.29345861E-02	-2.51215734E-02 -
0.576803565	-0.569821715		
-0.408248305	0.408248395	0.539947033	0.512087286
0.266645849	-0.204426929		
0.408248365	0.408248365	0.447012484	-0.486965775
0.310157537	0.365394711		
-0.408248335	0.408248425	-9.29347202E-02	-2.51215212E-02 -

0.576803565 0.569821596

check

A*NX ?= NA*NX

A*NX

-0.816496611	0.816496730	-0.539947212	-0.512087345	-
0.266645968	0.204426974			
0.816496730	0.816496611	-0.447012633	0.486965775	-
0.310157627	-0.365394831			
-0.816496551	0.816496670	9.29345191E-02	2.51214504E-02	
0.576803446	-0.569821537			
0.816496730	0.816496670	0.539947093	-0.512087345	-
0.266646028	-0.204427004			
-0.816496611	0.816496849	0.447012305	0.486965775	-
0.310157716	0.365394652			
0.816496730	0.816496611	-9.29347277E-02	2.51215696E-02	
0.576803446	0.569821596			

NX*NA

-0.816496909	0.816496670	-0.539947271	-0.512087405	-
0.266646028	0.204426974			
0.816496611	0.816496670	-0.447012573	0.486965895	-
0.310157716	-0.365394741			
-0.816496849	0.816496730	9.29345936E-02	2.51215771E-02	
0.576803744	-0.569821894			
0.816496730	0.816496909	0.539947093	-0.512087345	-
0.266645938	-0.204427004			
-0.816496849	0.816496849	0.447012544	0.486965835	-
0.310157657	0.365394831			
0.816496789	0.816496968	-9.29347277E-02	2.51215249E-02	
0.576803744	0.569821775			

result

Eigenvektoren

0.408248395		0.408248276		-0.539947212		0.512087345	
0.266645938		0.204426900					
-0.408248246		0.408248276		-0.447012514		-0.486965835	
0.310157597		-0.365394622					
0.408248365		0.408248305		9.29345861E-02		-2.51215734E-02	-
0.576803565		-0.569821715					
-0.408248305		0.408248395		0.539947033		0.512087286	
0.266645849		-0.204426929					
0.408248365		0.408248365		0.447012484		-0.486965775	
0.310157537		0.365394711					
-0.408248335		0.408248425		-9.29347202E-02		-2.51215212E-02	-
0.576803565		0.569821596					

Eigenwerte

-2.00000024		2.00000024		1.00000012		-1.00000012	-
1.000000036		1.000000036					