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

         1    8.00000000
         2    0.155160040
         3    6.26113615E-06
         4    3.73745118E-27
         5    0.00000000
         6    0.00000000
         7    0.00000000
         8    0.00000000
         9    0.00000000
        10    0.00000000
A
    0.00000000        1.00000000        0.00000000        1.00000000
    1.00000000        0.00000000        1.00000000        0.00000000
    0.00000000        1.00000000        0.00000000        1.00000000
    1.00000000        0.00000000        1.00000000        0.00000000

NA
   -2.00000000        0.00000000        0.00000000        0.00000000
    0.00000000        2.00000000        0.00000000        0.00000000
    0.00000000        0.00000000       -5.47058079E-08    0.00000000
    0.00000000        0.00000000        0.00000000        4.83476867E-08

NX
    0.499999970       0.500000000      -0.701173604       9.14099813E-02
   -0.500000060       0.500000060      -9.14100409E-02   -0.701173604
    0.499999970       0.500000119       0.701173544      -9.14099813E-02
   -0.499999940       0.500000000       9.14099813E-02    0.701173604

----------
check
----------
A*NX ?= NA*NX
A*NX
   -1.00000000        1.00000000       -5.96046448E-08    0.00000000
    0.999999940       1.00000012       -5.96046448E-08    0.00000000
   -1.00000000        1.00000000       -5.96046448E-08    0.00000000
    0.999999940       1.00000012       -5.96046448E-08    0.00000000

NX*NA
   -0.999999940       1.00000000        3.83582694E-08    4.41946124E-09
    1.00000012        1.00000012        5.00066033E-09   -3.39001218E-08
   -0.999999940       1.00000024       -3.83582659E-08   -4.41946124E-09
    0.999999881       1.00000000       -5.00065678E-09    3.39001218E-08

----------
result
----------
Eigenvektoren
    0.499999970    |    0.500000000    |   -0.701173604    |    9.14099813E-02  |
   -0.500000060    |    0.500000060    |   -9.14100409E-02 |   -0.701173604     |
    0.499999970    |    0.500000119    |    0.701173544    |   -9.14099813E-02  |
   -0.499999940    |    0.500000000    |    9.14099813E-02 |    0.701173604     |

Eigenwerte
   -2.00000000     |    2.00000000     |   -5.47058079E-08 |    4.83476867E-08  |
```