```
N = 4
-----


Keine Pivotisierung:

+0.68  -0.21  +0.57  +0.60  |  +0.82
-0.60  -0.33  +0.54  -0.44  |  +0.11
-0.05  +0.26  -0.27  +0.03  |  +0.90
+0.83  +0.27  +0.43  -0.72  |  +0.21

+0.68  -0.21  +0.57  +0.60  |  +0.82
+0.00  -0.52  +1.04  +0.09  |  +0.84
+0.00  +0.24  -0.23  +0.07  |  +0.96
+0.00  +0.53  -0.26  -1.45  |  -0.79

+0.68  -0.21  +0.57  +0.60  |  +0.82
+0.00  -0.52  +1.04  +0.09  |  +0.84
+0.00  +0.00  +0.26  +0.11  |  +1.35
+0.00  +0.00  +0.81  -1.36  |  +0.07

+0.68  -0.21  +0.57  +0.60  |  +0.82
+0.00  -0.52  +1.04  +0.09  |  +0.84
+0.00  +0.00  +0.26  +0.11  |  +1.35
+0.00  +0.00  +0.00  -1.69  |  -4.19

x = ( -2.22  +7.31  +4.24  +2.47 ).

b_check = ( +0.82  +0.11  +0.90  +0.21 ).

b_check - b = ( -2.2e-16  +1.5e-16  -1.1e-16  -1.7e-15 ).

|b_check - b| = +1.74535e-15.


Teilpivotisierung:

+0.68  -0.21  +0.57  +0.60  |  +0.82
-0.60  -0.33  +0.54  -0.44  |  +0.11
-0.05  +0.26  -0.27  +0.03  |  +0.90
+0.83  +0.27  +0.43  -0.72  |  +0.21

+0.83  +0.27  +0.43  -0.72  |  +0.21
+0.00  -0.13  +0.85  -0.97  |  +0.26
+0.00  +0.27  -0.25  -0.01  |  +0.92
+0.00  -0.43  +0.21  +1.18  |  +0.65

+0.83  +0.27  +0.43  -0.72  |  +0.21
+0.00  -0.43  +0.21  +1.18  |  +0.65
+0.00  +0.00  -0.11  +0.73  |  +1.32
+0.00  +0.00  +0.79  -1.33  |  +0.07

+0.83  +0.27  +0.43  -0.72  |  +0.21
+0.00  -0.43  +0.21  +1.18  |  +0.65
+0.00  +0.00  +0.79  -1.33  |  +0.07
+0.00  +0.00  +0.00  +0.54  |  +1.33

x = ( -2.22  +7.31  +4.24  +2.47 ).

b_check = ( +0.82  +0.11  +0.90  +0.21 ).

b_check - b = ( -1.1e-16  -3.6e-16  -3.3e-16  +1.1e-16 ).

|b_check - b| = +5.15537e-16.


Skalierte Teilpivotisierung:

+0.68  -0.21  +0.57  +0.60  |  +0.82
-0.60  -0.33  +0.54  -0.44  |  +0.11
-0.05  +0.26  -0.27  +0.03  |  +0.90
+0.83  +0.27  +0.43  -0.72  |  +0.21

+0.68  -0.21  +0.57  +0.60  |  +0.82
+0.00  -0.52  +1.04  +0.09  |  +0.84
+0.00  +0.24  -0.23  +0.07  |  +0.96
+0.00  +0.53  -0.26  -1.45  |  -0.79

+0.68  -0.21  +0.57  +0.60  |  +0.82
+0.00  +0.24  -0.23  +0.07  |  +0.96
+0.00  +0.00  +0.55  +0.23  |  +2.88
+0.00  +0.00  +0.25  -1.59  |  -2.88

+0.68  -0.21  +0.57  +0.60  |  +0.82
+0.00  +0.24  -0.23  +0.07  |  +0.96
+0.00  +0.00  +0.55  +0.23  |  +2.88
+0.00  +0.00  +0.00  -1.69  |  -4.19

x = ( -2.22  +7.31  +4.24  +2.47 ).

b_check = ( +0.82  +0.11  +0.90  +0.21 ).

b_check - b = ( -2.2e-16  -6.9e-17  +1.1e-16  -1.5e-15 ).

|b_check - b| = +1.52081e-15.


N = 100
-------


Keine Pivotisierung:

|b_check - b| = +2.25693e-11.


Teilpivotisierung:

|b_check - b| = +1.46047e-12.


Skalierte Teilpivotisierung:

|b_check - b| = +3.28886e-13.
```