|  |  |  |  |
| --- | --- | --- | --- |
| n | paper | matlab | Gauss |
| 10 | 9.995254510499e-01 | 9.995254510499e-01 | 9.995254510499e-01 |
| 50 | 9.997863980867e-01 | 9.997863980867e-01 | 9.997863980867e-01 |
| 100 | 1.000112677537e+00 | 1.000112677537e+00 | 1.000112677537e+00 |
| 200 | 1.002726749379e+00 | 1.002726749379e+00 | 1.002726749379e+00 |
| 500 | 1.002726749379e+00 | 1.002726749379e+00 | 1.002726749379e+00 |
| 1000 | 1.006003949619e+00 | 1.006003949619e+00 | 1.006003949619e+00 |
| 2000 | 1.012590517638e+00 | 1.012590517613e+00 | 1.012590517613e+00 |
| 4000 | 1.026681461782e+00 | 1.025893307835e+00 | 1.025893307835e+00 |

Result of determinant a=1;b=0.01;c=0.015;d=1;e=0.01;f=0.02;g=0;

Time

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| n | paper | matlab | Gauss |
| 10 | 3.252400000000e-05 | 2.210000000000e-06 | 1.172900000000e-04 |
| 50 | 3.432600000000e-05 | 4.630600000000e-05 | 5.122840000000e-04 |
| 100 | 4.862800000000e-05 | 1.863720000000e-04 | 1.044192000000e-03 |
| 200 | 5.151600000000e-05 | 5.305340000000e-04 | 2.121032000000e-03 |
| 500 | 5.125800000000e-05 | 2.531086000000e-03 | 5.604646000000e-03 |
| 1000 | 4.163600000000e-05 | 1.167221600000e-02 | 1.062623400000e-02 |
| 2000 | 4.789600000000e-05 | 7.581953000000e-02 | 2.190606200000e-02 |
| 4000 | 4.630600000000e-05 | 5.361144760000e-01 | 4.212288000000e-02 |

Result of determinant a=0.5;b=1;c=1;d=1;e=1;f=1;g=1;

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| --- | --- | --- | --- |
| n | paper | matlab | Gauss |
| 6000 | -7.343069790482e-01 | -7.343069790482e-01 | -7.343069790483e-01 |
| 9000 | 1.465915646334e+00 | 1.465915646334e+00 | 1.465915646335e+00 |
| 12000 | -1.158640478997e+00 | -1.158640478997e+00 | -1.158640478976e+00 |
| 15000 | 2.736040063835e-01 | 2.736040063835e-01 | 2.736040063611e-01 |
| 18000 | 4.024991782688e-01 | 4.024991782688e-01 | 4.024991782734e-01 |
| 21000 | -4.875931347081e-01 | -4.875931347081e-01 | -4.875931346948e-01 |
| 24000 | 1.250686315147e-01 | 1.250686315147e-01 | 1.250686314951e-01 |

Time

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| --- | --- | --- | --- |
| n | paper | matlab | Gauss |
| 6000 | 1.266400000000e-05 | 1.371473560000e+00 | 6.621116000000e-02 |
| 9000 | 1.494400000000e-05 | 4.301514288000e+00 | 9.532074200000e-02 |
| 12000 | 1.529600000000e-05 | 9.789360634000e+00 | 1.230560040000e-01 |
| 15000 | 1.959400000000e-05 | 1.885459646400e+01 | 1.541098920000e-01 |
| 18000 | 6.605400000000e-05 | 3.250438811600e+01 | 1.939494060000e-01 |
| 21000 | 8.624648000000e-03 | 5.470872888200e+01 | 2.333973200000e-01 |
| 24000 | 9.599922000000e-03 | 8.489716871200e+01 | 2.669292900000e-01 |