| Row\Columns | p | n | Serial Time | Parallel Time | Sp | fs (Amdahl) | fp (Amdahl) | |
|---|---|---|---|---|---|---|---|---|
| Test 1 | 10 | 10000 | 0.000851 | 0.000279 | 3.050179211 | 0.2531662097 | 0.7468337903 | |
| Test 2 | 10 | 20000 | 0.001656 | 0.000332 | 4.987951807 | 0.1116478798 | 0.8883521202 | |
| Test 3 | 10 | 30000 | 0.002575 | 0.000397 | 6.486146096 | 0.06019417476 | 0.9398058252 | |
| Test 4 | 10 | 40000 | 0.003507 | 0.000435 | 8.062068966 | 0.02670848779 | 0.9732915122 | |
| Test 5 | 10 | 50000 | 0.004734 | 0.00133 | 3.559398496 | 0.2010514951 | 0.7989485049 | |
| Test 6 | 10 | 60000 | 0.005398 | 0.00093 | 5.804301075 | 0.08031781318 | 0.9196821868 | |
| Test 7 | 10 | 70000 | 0.007032 | 0.000876 | 8.02739726 | 0.02730375427 | 0.9726962457 | |
| Test 8 | 10 | 80000 | 0.005198 | 0.000746 | 6.967828418 | 0.04835193023 | 0.9516480698 | |
| Test 9 | 10 | 90000 | 0.00824 | 0.001105 | 7.457013575 | 0.03789104639 | 0.9621089536 | |
| Test 10 | 10 | 100000 | 0.007365 | 0.001185 | 6.215189873 | 0.06766236705 | 0.9323376329 | |



| Row\Columns | p | n | Serial Time | Parallel Time | Sp | fs (Gustavson) | fp (Gustavson) | |
|---|---|---|---|---|---|---|---|---|
| Test 1 | 1 | 10000 | 0.000058 | 0.000047 | 1.234042553 | 1 | 0 | |
| Test 2 | 2 | 20000 | 0.000082 | 0.000072 | 1.138888889 | 0.756097561 | 0.243902439 | |
| Test 3 | 3 | 30000 | 0.000121 | 0.000089 | 1.359550562 | 0.6033057851 | 0.3966942149 | |
| Test 4 | 4 | 40000 | 0.000167 | 0.000128 | 1.3046875 | 0.6886227545 | 0.3113772455 | |
| Test 5 | 5 | 50000 | 0.000198 | 0.000082 | 2.414634146 | 0.2676767677 | 0.7323232323 | |
| Test 6 | 6 | 60000 | 0.000247 | 0.000105 | 2.352380952 | 0.3101214575 | 0.6898785425 | |
| Test 7 | 7 | 70000 | 0.000273 | 0.000166 | 1.644578313 | 0.5427350427 | 0.4572649573 | |
| Test 8 | 8 | 80000 | 0.000409 | 0.000193 | 2.119170984 | 0.3964373035 | 0.6035626965 | |
| Test 9 | 9 | 90000 | 0.000367 | 0.00032 | 1.146875 | 0.8559264305 | 0.1440735695 | |
| Test 10 | 10 | 100000 | 0.000481 | 0.000319 | 1.507836991 | 0.6257796258 | 0.3742203742 | |