|  |  |  |  |
| --- | --- | --- | --- |
| Matrix Dimensions | Serial Time (milliseconds) per 1000 generations | Parallel Time (milliseconds)  Per 1000 generations | Speedup  Per 1000 generations |
| 100x100 | 21,000 | 9,000 | 2.3333x |
| 200x200 | 17,000 | 13,000 | 1.307x |
|  |  |  |  |
|  |  |  |  |

NOTES: My computer gave stack overflow starting around 300x300 but it let me do 100x100 and it would let me do a 200x200 matrix so I could have some variety in terms of results. The timing comes from computation alone. I did not print parallel, only did the computations in parallel so I decided to focus the timing on those results. If we print out each generation, which my program will do, it will take considerably longer. Thus, I omitted the print function during these trials