

Matthew Saunders

PID: 2403246

4/23/15

### Homework #4 HPC Results

Matrix Dimensions: 6400 x 6400

# processes: 16

Runtime:

Sequential (n=1):

Total Time: 510.483870 s

Resource usage summary:

CPU time : 962.82 sec.

Max Memory : 1910 MB

Max Swap : 3893 MB

Max Processes : 9

Max Threads : 11

Parallel (n=16):

Total Time: 66.976304 s

Resource usage summary:

CPU time : 980.04 sec.

Max Memory : 3209 MB

Max Swap : 8387 MB

Max Processes : 42

Max Threads : 44