

| Speed measurements of matrix multiplication and parallel matrix multiplication operations |                          |                                  |                                    |
|---|--------------------------|----------------------------------|------------------------------------|
| Matrix sizes  | Sequentially/in parallel | Math expectation in milliseconds | Standart deviation in milliseconds |
| 100 x 100   | Sequentially             | 13,35                            | 0,8                                |
| 100 x 100   | Parallel                 | 7,2                              | 0,7                                |
| 200 x 200   | Sequentially             | 110,7                            | 1,9                                |
| 200 x 200   | Parallel                 | 22,3                             | 1,8                                |
| 400 x 400   | Sequentially             | 891,55                           | 7,2                                |
| 400 x 400   | Parallel                 | 167,5                            | 15,1                               |
| 800 x 800   | Sequentially             | 7417,95                          | 85,1                               |
| 800 x 800   | Parallel                 | 1404,8                           | 33,3                               |
| 1600 x 1600   | Sequentially             | 65469,1                          | 180,8                              |
| 1600 x 1600   | Parallel                 | 11779                            | 247,7                              |