

Lab 3 Documentation

1. Low-level thread mechanism

| Matrix size | Threads | Method | Time |
|-------------|---------|--------|----------|
| 200 | 4 | 1 | 15.8113s |
| 200 | 3 | 1 | 16.5036s |
| 200 | 2 | 1 | 17.2321s |
| 200 | 4 | 2 | 15.9044s |
| 200 | 2 | 2 | 16.0601s |
| 200 | 4 | 3 | 15.7280s |
| 200 | 2 | 3 | 17.8346s |

Values may vary with ~200ms

2. Threadpool

| Matrix size | Threads | Method | Time |
|-------------|---------|--------|----------|
| 200 | 4 | 1 | 15.5138s |
| 200 | 3 | 1 | 15.1036s |
| 200 | 2 | 1 | 15.6858s |
| 200 | 4 | 2 | 15.7356s |
| 200 | 2 | 2 | 16.3627s |
| 200 | 4 | 3 | 15.8139s |
| 200 | 2 | 3 | 15.4343s |

Values may vary with ~200ms