# Barrier different implementation

# Measuring time

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Posix implementation | My implementation | Average |
| NUMTHREADS = 10 | REPEATS = 5 | 0.002056 | 0.002876 | 0,00082 |
| NUMTHREADS = 10 | REPEATS=10 | 0.000994 | 0.001779 | 0.000785 |
| NUMTHREADS = 10 | REPEATS=20 | 0.002373 | 0.003288 | 0.000915 |
| NUMTHREADS = 10 | REPEATS=30 | 0.003055 | 0.001859 | -0.001196 |
| NUMTHREADS = 10 | REPEATS=50 | 0.003322 | 0.003569 | 0.000246 |

# Measuring time

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Posix implementation | My implementation | Average |
| NUMTHREADS = 5 | REPEATS=30 | 0.001380 | 0.002160 | 0.000780 |
| NUMTHREADS = 10 | REPEATS=30 | 0.001927 | 0.002516 | 0.000589 |
| NUMTHREADS = 20 | REPEATS=30 | 0.004853 | 0.004982 | 0.000129 |
| NUMTHREADS = 30 | REPEATS=30 | 0.008996 | 0.009981 | 0.000985 |
| NUMTHREADS = 50 | REPEATS=30 | 0.013416 | 0.012745 | -0.000671 |