OpenMP

Odd even sort

Thread Count

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Thread count | 1 | 2 | 3 | 4 |
| Two paralell for directives | 0,925 | 0,449 | 0,537 | 0,486 |
| Two for Directives | 0,911 | 0,434 | 0,511 | 0,42 |

Matrix vector multiplication

|  |  |  |  |
| --- | --- | --- | --- |
| Threads | Matrix Dimension | | |
| 8,000,000 x 8 | 8000 x 8000 | 8 x 8,000,000 |
| Time (s) | Time | Time |
| 1 | 0.351691 | 0.324442 | 0.335755 |
| 2 | 0.226654 | 0.204016 | 0.286878 |
| 3 | 0.228083 | 0.213846 | 0.298637 |

