**Quicksort**

Zeit in Millisekunden:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Array  Größe | Seriell | Parallel  mit Threshold | | | | |
| 0 | 1.000 | 10.000 | 100.000 | 1.000.000 |
| 2^17 | 143 | 74 | 63 | 78 | 110 | 156 |
| 2^18 | 301 | 152 | 141 | 160 | 190 | 320 |
| 2^19 | 648 | 333 | 294 | 305 | 332 | 667 |
| 2^20 | 1653 | 918 | 629 | 639 | 680 | 1287 |
| 2^21 | 3731 | 2088 | 1498 | 1504 | 1581 | 1791 |
| 2^22 | 9418 | 4280 | 3648 | 3685 | 3703 | 4075 |
| 2^23 | 27172 | 12503 | 10317 | 10322 | 10383 | 10667 |

**Mergesort**

Zeit in Millisekunden:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Array  Größe | Seriell | Parallel  mit Threshold | | | | |
| 0 | 1.000 | 10.000 | 100.000 | 1.000.000 |
| 2^19 | 140 | 99 | 79 | 79 | 113 | 171 |
| 2^20 | 291 | 205 | 156 | 157 | 212 | 261 |
| 2^21 | 601 | 419 | 313 | 320 | 326 | 332 |
| 2^22 | 1245 | 821 | 647 | 632 | 634 | 659 |
| 2^23 | 2561 | 1641 | 1288 | 1265 | 1299 | 1330 |
| 2^24 | 5165 | 3302 | 2822 | 2585 | 2647 | 2853 |
| 2^25 | 10620 | 6897 | 5666 | 5357 | 5194 | 5720 |
| 2^26 | 21971 | 13737 | 11294 | 10835 | 10766 | 11579 |