German Razo

CSCI551

Report

N = 43999999

Table of timings for all runs

|  |  |  |  |
| --- | --- | --- | --- |
|  | Times, n = 43999999 | | |
|  | 1 | 2 | 3 |
| Cores |  |  |  |
| 2 |  |  |  |
| 8 |  |  |  |
| 14 |  |  |  |
| 20 |  |  |  |

Speedups for each configuration

|  |  |  |  |
| --- | --- | --- | --- |
|  | Times, n = 43999999 | | |
|  | 1 | 2 | 3 |
| Cores |  |  |  |
| 2 |  |  |  |
| 8 |  |  |  |
| 14 |  |  |  |
| 20 |  |  |  |

Efficiencies for each configuration

|  |  |  |  |
| --- | --- | --- | --- |
|  | Times, n = 43999999 | | |
|  | 1 | 2 | 3 |
| Cores |  |  |  |
| 2 |  |  |  |
| 8 |  |  |  |
| 14 |  |  |  |
| 20 |  |  |  |

Table of minimum times with estimated integral, absolute relative true error,

And calculated speedup and efficiency.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Minimum time | Estimated integral | ABSTRE | Calculated Speedup | Efficiency |
| 2 |  |  |  |  |  |
| 8 |  |  |  |  |  |
| 14 |  |  |  |  |  |
| 20 |  |  |  |  |  |