German Razo

CSCI551

Project Report

Form ijk

Description of the data and task partitioning used, and why you chose it

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Runs** | | |
|  | **1** | **2** | **3** |
| **comm\_sz (number of cores)** |  |  |  |
| **1** |  |  |  |
| **4** |  |  |  |
| **8** |  |  |  |
| **12** |  |  |  |
| **16** |  |  |  |
| **20** |  |  |  |

Form ikj

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|  |  |  |  |
| --- | --- | --- | --- |
|  | **Runs** | | |
|  | **1** | **2** | **3** |
| **comm\_sz (number of cores)** |  |  |  |
| **1** | 1.036854e+03 | 1.006332e+03 | 1.314513e+03 |
| **4** | 3.083282e+02 | 3.131172e+02 | 2.925210e+02 |
| **8** | 1.409749e+02 | 1.405204e+02 | 1.411600e+02 |
| **12** | 9.584852e+01 | 9.612280e+01 | 9.549759e+01 |
| **16** | 7.379042e+01 | 7.425262e+01 | 7.896361e+01 |
| **20** | 5.987244e+01 | 5.938660e+01 | 5.931708e+01 |

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|  |  |  |  |
| --- | --- | --- | --- |
|  | **Runs** | | |
|  | **1** | **2** | **3** |
| **comm\_sz (number of cores)** |  |  |  |
| **1** | 1.087077e+03 | 1.106539e+03 | 1.092848e+03 |
| **4** | 3.091420e+02 | 2.945862e+02 | 2.782791e+02 |
| **8** | 1.418901e+02 | 1.412020e+02 | 1.414017e+02 |
| **12** | 9.574299e+01 | 9.580643e+01 | 9.586276e+01 |
| **16** | 7.894009e+01 | 7.997271e+01 | 8.017168e+01 |
| **20** | 6.017444e+01 | 6.006563e+01 | 6.021509e+01 |