|  |  |  |  |
| --- | --- | --- | --- |
| Matrix size | Sequential | Parallel | |
| 4 proc | 9 proc |
| Time | Time |
| 10 | 0.0s | 0.0s | 0.0s |
| 100 | 0.01s | 0.0s | 1.0s |
| 500 | 0.356s | 1.0s | 1.0s |
| 1000 | 11.553s | 5.0s | 5.0s |
| 1500 | 45.957s | 19.0s | 19.0s |
| 2000 | 126.756s | 54.0s | 52.0s |
| 2500 | 267.132s | 140.0s | 135.0s |
| 3000 | 480.236s | 260.0s | 255.0s |

**Tape schema**

|  |  |  |  |
| --- | --- | --- | --- |
| Matrix size | Sequential | Parallel | |
| 4 proc | 9 proc |
| Time | Time |
| 10 | 0s | 0.0s | 0.0s |
| 100 | 0.01s | 0.0s | 0.0s |
| 500 | 0.356s | 0.0s | 1.0s |
| 1000 | 11.553s | 2.0s | 2.0s |
| 1500 | 45.957s | 8.0s | 4.0s |
| 2000 | 126.756s | 15.0s | 16.0s |
| 2500 | 267.132s | 46.0s | 38.0s |
| 3000 | 480.236s | 82.0s | 53.0s |

**Fox algorithm**