|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Stiffness Time [s] | Solve Time [s] | Stiffness Improvement Over NumPy | Solve Improvement Over NumPy |
| NumPy | 3.914 | 336.0 |  |  |
| CuPy | 1.279 | 3.567 | 306.0% | 9,420.% |

Clearly CuPy provides significant performance improvements over NumPy when utilized correctly.