|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Function iterations** | **Mean step size [s]** | **Run time [s]** |
| **Euler** | -1.211821 rad | -2.675981 rad | 300001 | 1e-5 | 8.04 s |
| **Heun** | -1.212237 rad | -2.669923 rad | 120001 | 2.5-5 | 15.41s |
| **RK3** | -1.212237 rad | -2.669924 rad | 7501 | 4e-4 | 1.47 s |
| **RK4** | -1.212237 rad | -2.669925 rad | 1501 | 2e-3 | 0.381s |
| **ODE23** | -1.212252 rad | -2.669807 rad | 4378 | 0.0021 | 0.28 s |
| **ODE45** | -1.212248 rad | -2.669863 rad | 1033 | 0.0048 | 0.11 s |
| **ODE113** | -1.212231 rad | -2669953 rad | 798 | 0.0077 | 0.13 s |