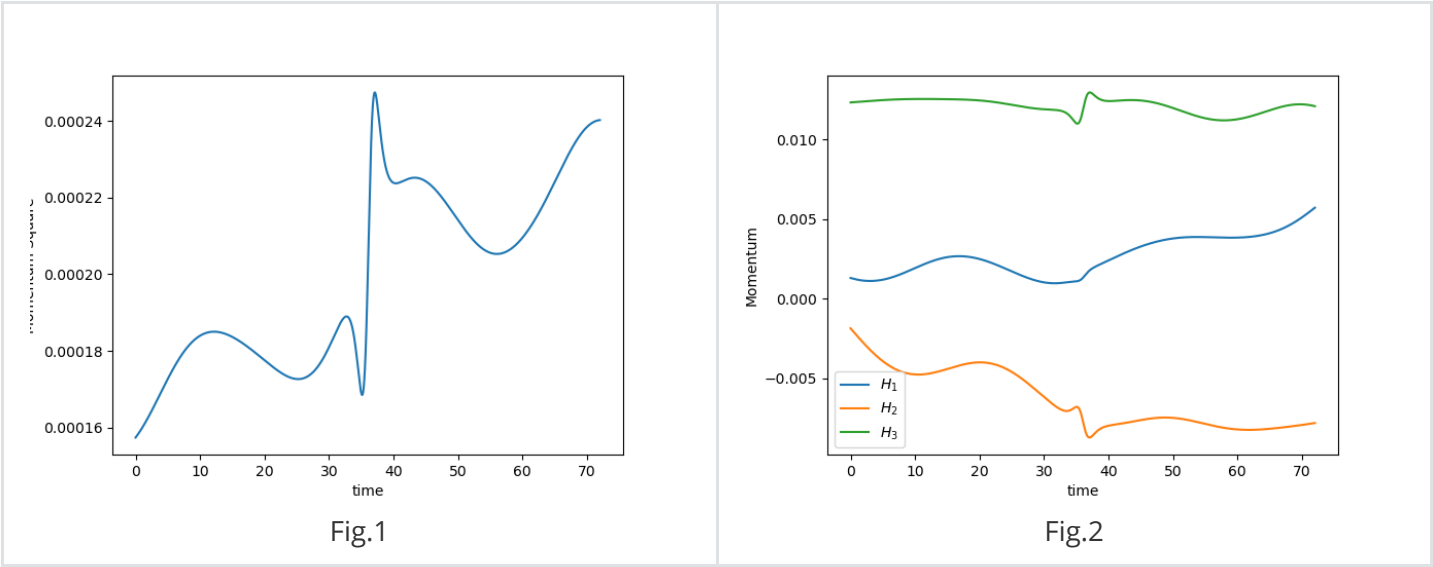


Questions20230808

1. The Error noise is still too large and covers the signal. The fraction is $frac = 0.5$.



I tried to enlarge the Earth's Torques 10 times by $m_E = 10 * m_E$



2. The three bodies and four bodies configurations are tested, and still no significant changes. fraction is 0.3.

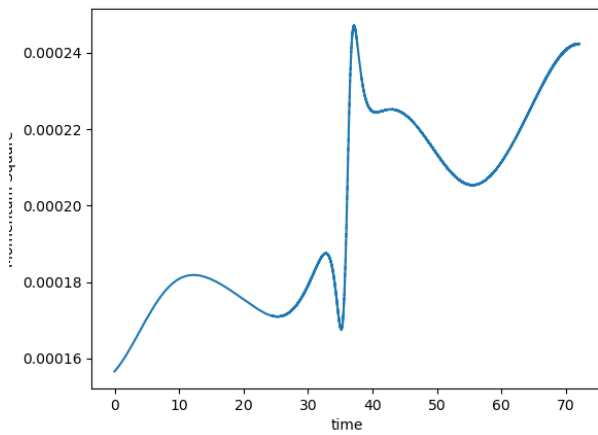


Fig.3

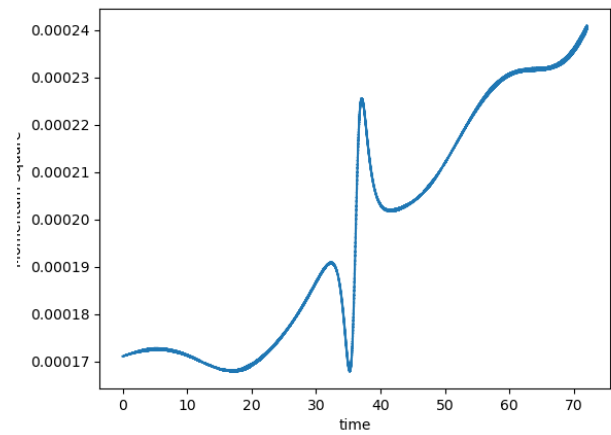


Fig.4



3. In the small fraction case $frac = 0.01$, the bodies will shake at the initial time.

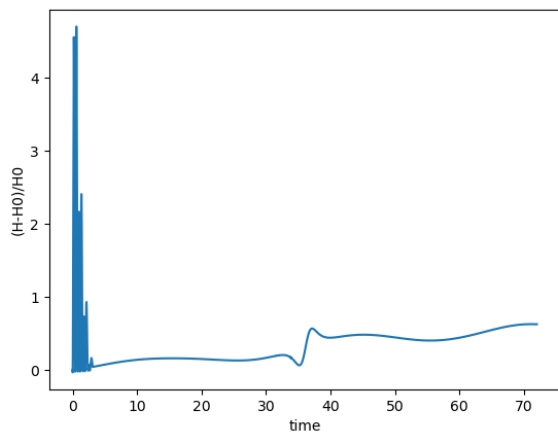


Fig.1

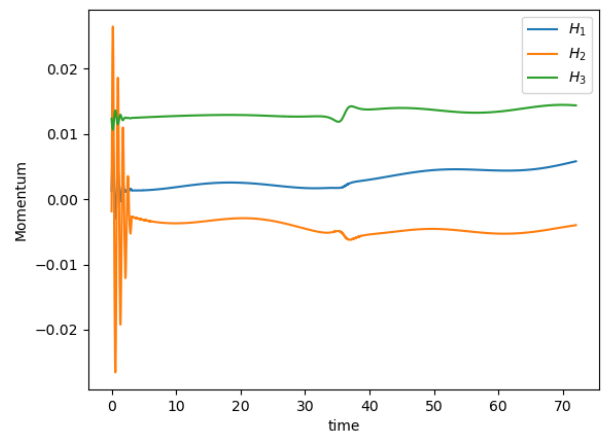


Fig.2

