AstroSolution: Orbital Calculations with dynamical ellipticity and tidal dissipation

Using the La1993 model and consistently rotated orbital elements from different astronomical solutions (La1993, La2010a,b,c,d, ZB2017e, ZB2018a), a WebApp was developed to perform the Earth model calculations by the client (within the Browser).

blocked URL

The underlying software, based on the code of Laskar et al, 1993, is archived on Zenodo, GitHub, and is live at

https://paloz.marum.de/AstroComputation/index.html