

Thermo heated tides

Gravitational tides

moon has been tidally locked but need friction to need to be twerked up and down

this causes earth's rotation to slow down eventually both become tidally locked

is that what happens in reality

Thermal tidal forces causes deviation in spin

resonances where wave in atmosphere = frequencies in
takes away from synchronous spin

Super close exoplanets

assumed once per orbit of star due to Gravity tides

could thermal tides create torques to create spin

Heated towards sun, cooled away

very strong heating = gas pressure gradients

move flood towards morning

quadriple moments

Tidal gravity of stars due to fluid motions of tides

- Extra solar planets — search for papers on google scholar
- Introduction to exoplanets
 - Kepelian orbits?
 - Go through thermal atmospheric tides
 - Fluid builds up= handles for star to hold on to = torque in atmosphere
 - Important for smaller earth sized planets
 - Thermal tides for planets with thin atmosphere
 - Gravity of star torques planet away from synchronous rotation
- Reread one section and other python