

NOTE:

field: What is Shepherding?

field: It is when two moons keep a (braided) ring of particles between them.

NOTE:

field: How does Shepherding work?

field: If a outer moon passes an inner ring particle, the particle goes slower than the moon, so it gets dragged down by the moon, which lowers its velocity and hence altitude. An outer particle gets accelerated to a higher orbit. So if two moons do this with a string of particles in between, the lower moon pushes the particles up, and the upper moon pushes the particles down, creating a shepherded ring of particles between the two moons.

NOTE:

field: Draw the lagrange points

field: 4 3,1,2 5

NOTE:

field: Whats the orbit name around L4?

field: Tadpole

NOTE:

field: Whats the orbit name around L2?

field: Halo

NOTE:

field: Why are there two tides on Earth? (Start numbering like: 0. reason.)

field: 0. Moon pulling a tide. 1. Centrifugal force of Moon-Earth rotating around same barycenter.